

MERCED  
COLLEGE



SPRING  
**2026**  
**SCHEDULE**



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This schedule is accurate as of December 18th, 2025. For the most current course listing please go to:  
<https://www.mccd.edu/getstarted/search-classes.html>

## SPRING 2026 CALENDAR AND IMPORTANT DATES

JANUARY 2026						
S	M	T	W	TH	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SPRING FLEX DAYS, JAN 8TH & 9TH  
SPRING 2026 INSTRUCTION BEGINS,  
JAN 12

MARTIN LUTHER KING DAY, JAN 19

APRIL 2026						
S	M	T	W	TH	F	S
				1	2	3
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

GOOD FRIDAY, APRIL 3

FEBRUARY 2026						
S	M	T	W	TH	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

LINCOLN DAY, FEB 13  
WASHINGTON DAY, FEB 16

MAY 2026						
S	M	T	W	TH	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

END OF SEMESTER, MAY 1

MARCH 2026						
S	M	T	W	TH	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## SPRING 2026

Spring 2026 Semester registration begins ..... January 12

Spring 2026 Semester Instruction Begins/ Adds Require Instructor's Signature ..... January 12  
REFUND DEADLINE FOR 16-WEEK CLASSES ..... January 25

**For all other classes, you must drop the day before 10% of the class meetings.**

Graduation Applications Accepted ..... January 2 - March 6

Last chance to drop with NO ENTRY on Transcripts for 16-Week Classes – In person) ..... January 23

Last chance to drop with NO ENTRY on Transcripts for 16-Week Classes – Online using Self-Service ..... January 25

**For all other classes, you must drop the day before 20% of the class meetings.**

Instructional Dean's Signature is required on adds if effective date is after 3rd week ..... January 26

Mid-Session Begins / Adds Require Instructor Signature ..... March 9

Scholarship Applications accepted ..... March 1 – March 31

Last chance to drop with a "W" for 16-Week Classes – In person ..... April 2

Last chance to drop with a "W" for 16-Week Classes – Online using Self-Service ..... April 5

**For all other classes you must drop the day before 75% of the class meeting.**

Pass/No Pass Option Deadline for 16-Week Classes ..... May 1

End of Spring 2026 Semester ..... May 1

Calendar dates are subject to revision.

## SPRING 2026 CALENDAR AND IMPORTANT DATES

Subject Heading	<b>ACCOUNTING</b>			
Course Number And Title	<b>ACTG-31 COMPUTERIZED ACCOUNTING</b>			
Student Units and Class Hours	2 units: 1 hour lecture, 3 hours lab.			
Prerequisites/Corequisites	Prerequisite: ACTG-04A or ACTG-51. Advisories: CPSC-30; ENGL-85.			
Course Description	This course provides instruction in computer-assisted accounting. Topics include general ledger setup, accounts receivable setup, accounts payable setup, transactions and reports, financial statement analysis, depreciation, and payroll.			
Campus Location	<b>MERCED</b>			
Special Instructions	1986	MWF	09:00a-09:50a	Wesson O
	Section Number	Days	Time	Instructor
				IAC-124
				Room

Classes will begin and end at the published times. The number of breaks per class is determined by the table.

**BUILDING ABBREVIATIONS**

Merced Campus	Off Campus Sites
AG-Agriculture	BRC-Business Resource Center
AGIT - Ag/IT Complex	CCWF-Central California Women's Facility
AHC-Allied Health Complex	DELH-Delhi
ART-Art Building	DPHS-Dos Palos High School
B&E-Business and Economics	LBHS-Los Banos High School
COM-Communications	LIVIN-Livingston
GYM-Gymnasium	MARI-Mariposa
IAC-Interdisciplinary Academic	PACHS-Pacheco High School
IT-Industrial Technology	VSP-Valley State Prison
LESH-Lesher Building	OFML-KINGS - Kingsview Merced
MUS-Music	OFML-ACHMB - Atwater Chamber of Commerce
MA-Mech Ag	OFML-CHOW - Chowchilla
PS-Plant Science	OFML-DLUSD - Delhi Unified School District
PSC - Public Safety Complex	OFML-HILM - Hilmar
SCI-Science	OFML-SMEA - Sierra Meadows
STAGE-Theatre	OFML-WCC - Winton Community Center
SU-Student Union	OFML-WIN - Winton
TCC-Tri-College Center	OFML-CC - Catholic Charities Merced
THTR-Theatre	OFML-PM - Park Merced
VOC-Vocational	OFLL-HBPG - LB Hacienda Business Park
<b>Los Banos Campus</b>	
LB-A-Los Banos, Bldg A	
LB-B-Los Banos, Bldg B	

**Icon Descriptions****Zero Textbook Cost**

This section has \$0 textbook costs. As a reminder, you are still auto-enrolled in the Smart Start Program. Compare your total textbook costs for all courses to decide if you should opt out.

**Live Stream**

Class will be held in person with the faculty on Zoom.

**Puente Program**

The Puente Program provides a supportive and stimulating environment for students prepare to transfer to a 4-year university and build confidence in their writing and reading skills through an exploration of the Mexican American/Latino experience and is open to all students who wish to transfer to a four-year university.

**Umoja**

The Umoja learning community is dedicated improving the educational experiences and success of African-American and other students by providing a supportive learning environment that actively engages students through a cultural lens supportive of the experiences of African American and other students.

# Spring 2026 Classes

## Accounting (ACTG)

### ACTG-04A Financial Accounting

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Previously taken ACTG-52 and placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra are advised.

This course provides the student with the knowledge of corporate financial statement reporting and the ability to analyze the reports of a corporation. Basic topics include analysis of transactions and preparation of financial statements related to developing an understanding of the financial condition of a corporation. This accounting course is recommended for students who have knowledge of or equivalent experience in the basics of bookkeeping.

#### Online

92657	Stapleton, I	Online
92658	Stapleton, I	Online

#### Merced Campus

91037	TTh	12:30p-02:30p	Vilhauer, C	B&E-218
91456	MW	12:30p-02:30p	Stapleton, I	B&E-218

### ACTG-04B Managerial Accounting

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Take ACTG-04A or ACTG-51

This course provides students with instruction in managerial accounting. Topics include job-order and process costing, cost-volume-profit relationships, the contribution approach to costing, budgeting, standard costing, capital budgeting and investment decisions, and relevant costs for decision making.

#### Online

72003	Bowman, S	Online
92131	Vilhauer, C	Online

#### Merced Campus

91870	TTh	10:15a-12:15p	Vilhauer, C	B&E-218
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### ACTG-31 Computerized Accounting

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: \*Required\* Take ACTG-04A or ACTG-51. Minimum grade C,P;

\*Advised\* Previously taken AOM-30 and ENGL-C1000 (formerly ENGL-01A) is advised

Advisory: AOM-30 and ENGL-85A or ENGL-85AC. This course provides instruction in computer-assisted accounting. Topics include general ledger setup, accounts receivable setup, accounts payable setup, transactions and reports, financial statement analysis, depreciation, and payroll.

#### Online

92031	Magana, J	Online
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### ACTG-51 Applied Accounting

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and MATH-C, Math-61 or MATH-62 is advised.

This course is an entry-level Accounting course emphasizing a preparer approach using manual accounting methods and comparing them to current computerized accounting. Basic course work during the first half of the semester relates to the sole proprietorship type organization. During the second half of the course the emphasis changes to cover the basics of partnership and corporate accounting. Students will become acquainted with both the theory and terminology associated with the accounting cycle. Other topics in accounting will also be covered including Payroll, Cash, Inventory, Bad Debts and Depreciation.

#### Online

92033	Stapleton, I	Online
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## Merced Campus

91033	MW	02:45p-04:45p	Stapleton, I	B&E-218
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### ACTG-53 Fundamentals of Income Tax Accounting

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ACTG-04A or ACTG-51 is advised.

This course provides the student with the knowledge of tax laws, accounting procedures, and preparation of required returns for federal income taxes. An introduction to partnership and corporate taxation, as well as a brief overview of tax administration, will supplement the course material.

#### Online

92102	Vilhauer, C	Online
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## Administrative Office Mgmt (AOM)

### AOM-30 Introduction to Computer Applications

3.0 units: 36.0 hours lec,

This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

#### Merced Campus

91371	MW	12:30p-01:25p	Pirtle, T	B&E-204
	MW	01:40p-03:05p	Pirtle, T	B&E-204
91967	TTh	09:30a-10:25a	Garcia Martinez, J	B&E-204
	TTh	10:40a-12:05p	Garcia Martinez, J	B&E-204
92307			Zdanowski, M	Online
			Zdanowski, M	Online
			Garcia Martinez, J	Online

### AOM-43 Essentials of Business Communication

3.0 units: 45.0 hours lec,

Prerequisite: \*Advised\* Previously taken AOM-30 and AOM-50B is advised

This course covers the business writing patterns of routine, persuasive, and negative messages. Students learn the basic training in listening, speaking, and non-verbal communication in order to develop the skills needed in everyday business communication. Given a scenario, students create e-mail, memos, letters, proposals, reports, and an ePortfolio. Students also learn about doing business with other cultures and giving oral business presentations.

#### Merced Campus

92881	-	Pirtle, T
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Online	92882	Downing, S	Online
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### AOM-50B Document Formatting

3.0 units: 36.0 hours lec, 54.0 hours lab.

Students will learn the (1) development of basic computerized keyboarding techniques and (2) fundamental knowledge of word processing software to properly format memorandums, letters, envelopes, tables, and reports.

#### Online

92511	Blackmore, C	Online
92884	Garcia Martinez, J	Online
92885	Blackmore, C	Online

### AOM-50C Learn to Type

1.0 units: 9.0 hours lec,

This course provides an introduction to the keyboard for non-typists.



Open Educational Resources/  
Zero Textbook Cost



Live Stream



Umoja



Puent Program

**Online**

92831	Garcia Martinez, J	Online
92832	Downing, S	Online

**AOM-52C Keyboarding Speed & Accuracy**

1.0 units: 9.0 hours lec,

Prerequisite: \*Advised\* Previously taken AOM-50C is advised. This course is designed to increase keyboarding speed and accuracy through individualized evaluation. The course helps bridge the speed gap between each level of keyboarding instruction. It is designed for the student who wishes to gain keyboarding speed and accuracy.

**Online**

92815	Garcia Martinez, J	Online
92816	Downing, S	Online

**AOM-56 Office Procedures**

3.0 units: 45.0 hours lec,

Students will learn the skills, strategies, and techniques needed to perform the common office procedures within any form of business.

**Online**

92843	Pirtle, T	Online
92844	Pirtle, T	Online

**AOM-58A Website Development**

2.0 units: 18.0 hours lec,

This is an introductory course in the planning, design, and creation of a website.

**Online**

92857	Garcia Martinez, J	Online
92858	Garcia Martinez, J	Online

**AOM-59A Medical Coding and Billing**

4.0 units: 72.0 hours lec.

This course will enable the student to develop a basic knowledge of the national diagnostic and procedural coding systems and to simplify the process of filing claim forms. The student will be introduced to the major medical insurance programs, reimbursement, privacy rules, HIPAA, basic understanding of legal and regulatory considerations. The student will be able to identify and define medical terminology and abbreviations used in the outpatient setting.

**Online**

92052	Carvalho, S	Online
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**Ag Environmental Horticulture (AGEH)****AGEH-04 Nursery and Garden Center Practice**

3.0 units: 36.0 hours lec,

This course is a study of commercial retail nursery and garden center operations dealing with wholesale and retail nursery practices, including plant care, merchandising, and management practices.

**Merced Campus**

31412	T	11:00a-01:05p	Codd, A	AGIT-133
	Th	11:00a-02:05p	Codd, A	AGIT-133

**AGEH-06 Landscape Design**

3.0 units: 36.0 hours lec,

This course includes the principles of landscape design and studies in form, space, color, texture, scale, balance utility and contrast. Materials used in landscape developments, site analysis, problems of design, correct use and selection of plant material relating to ecology and function of landscape structures in the plan will be encompassed in this course. Basic irrigation design is also a component of the course.

**Merced Campus**

31008	MW	03:30p-04:30p	Armenta, E	AGIT-131
	MW	04:30p-06:00p	Armenta, E	AGIT-131

			<b>AGEH-07 Landscape Construction and Installation</b>					
			3.0 units: 36.0 hours lec, 54.0 hours lab.					
			Covers the fundamentals of landscape construction, including soil preparation, paving and construction materials, hand and power tool use, turf and plant installation, plan reading, estimating and bid preparation; also covers local codes and state requirements and prepares students to pass the C-27 Landscaping Contractor's License exam.					
			<b>Merced Campus</b>					
			31077 - Tassey, B					
			W 11:00a-02:05p Tassey, B					
			AGIT-131					
			<b>AGEH-24 Work Experience in Landscape Horticulture</b>					
			1.0 units:					
			This course enables students to earn college credit for learning or improving skills or knowledge on-the-job in ag environmental horticulture. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in ag environmental horticulture before enrolling in the course.					
			<b>Merced Off-Campus</b>					
			33012 - Codd, A					
			33013 - Codd, A					
			<b>AGEH-50 Residential Gardening</b>					
			3.0 units: 54.0 hours lec.					
			This course teaches the basic needs In residential gardening. Included in this course are plant identification, basic landscape design, sprinkler installation and care, fumigation and lawn installation, pruning, pest and disease recognition and control, soils, fertilization, and weed control. Also included will be foliage plant care for interiors.					
			<b>Merced Campus</b>					
			31411 M 11:10a-02:15p Valladao, E					
			AGIT-131					
<b>Agriculture (AGRI)</b>								
<b>AGRI-10 Agriculture, Environment, &amp; Society</b>								
3.0 units: 54.0 hours lec.								
This course involves an International view of the sociology of agriculture presented through an examination of relationships between societies and their environments, economics, and agriculture. Emphasis will be placed on the analysis of agriculture's use of technology and the corresponding impact on the environment, economy, and society on a global scale.								
<b>Merced Campus</b>								
31015 MW 11:00a-12:25p Casso, C								
AGIT-130								
<b>Agriculture Animal Science (AGAS)</b>								
<b>AGAS-01 Elements of Animal Science</b>								
3.0 units: 54.0 hours lec.								
This course is a survey of the livestock industry, supply of animal products, and their uses in animal production. There is a special emphasis on the origin, characteristics, adaptation, and contributions of farm animals to the agriculture industry. The student will analyze the economic trends and career opportunities in animal agriculture. Field trips will be required.								
<b>Merced Campus</b>								
31138 MW 11:00a-12:25p Maddux, M								
31038 Online Casso, C								
<b>AGAS-02 Livestock Breeding &amp; Selection</b>								
3.0 units: 54.0 hours lec.								
This course combines the study of basic genetic principles with the study of the anatomical and physiological aspects of reproduction as they relate to animal species significant to agriculture. The genetic principles to be emphasized include basic inheritance, selection techniques, mating systems, heterosis, and performance evaluation. The reproductive aspects to include endocrinology, estrous cycles, mating behaviors, gametogenesis, conception, gestation, parturition, and maternal behaviors. Artificial insemination, embryo manipulation, and current innovations in reproductive biotechnology will also be examined.								

**Merced Campus**

31656 MW 09:20a-10:45a Maddux, M AGIT-136

**AGAS-04 Elements of Animal Nutrition**

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course covers the elements of animal nutrition. The fundamentals of digestion and absorption in both ruminants and non-ruminants are discussed. The nutritive value of feeds as they relate to the formulation of livestock rations will be emphasized including by-product feeding.

**Merced Campus**

32797	-	Maddux, M	AGIT-136
	M	02:25p-06:00p Maddux, M	
32799	-	Rios, M	
	W	02:25p-05:30p Rios, M	AGIT-136

**AGAS-15 Elements of Dairy**

3.0 units: 36.0 hours lec,

This is a study of history, development and projections of the dairy industry. General information on the economics of dairying, facts, trends, selection, culling, fitting, showing, judging, pedigrees, feeding and basic management skills will be learned and also information on employment opportunities and requirements.

**Merced Campus**

32758	-	Maddux, M	AGIT-136
	T	02:25p-05:30p Maddux, M	

**AGAS-16 Fitting, Showing and Merchandising Livestock**

1.5 units: 18.0 hours lec,

This course is designed for students to develop skills in preparing and marketing beef cattle, sheep, swine, dairy cattle, and goats for competition at intercollegiate livestock competitions. Lessons in exhibiting the animals are given. The course may be repeated three times.

**Merced Campus**

31514	Th	03:00p-04:00p Maddux, M	AGIT-136
	Th	04:00p-05:25p Maddux, M	AG-PAV

**AGAS-24 Work Experience in Animal Science**

1.0 units: .

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job specific to the field of animal science. Students must work or volunteer 54 hours per unit of credit attempted. Students must have an established work site in the animal science or related field prior to enrolling in the course.

**Merced Off-Campus**

33021	-	Maddux, M	
33022	-	Maddux, M	
33023	-	Maddux, M	
33024	-	Maddux, M	

**Agriculture Business (AGAB)****AGAB-01 Introduction to Agriculture Business**

3.0 units: 54.0 hours lec.

This course is a survey of the broad scope of agriculture business. It serves as an introduction to economic, accounting, management, sales, leadership, and marketing aspects of agriculture and their impact on producers and consumers. The management principles encountered in the day-to-day operation of an agricultural enterprise are stressed as they relate to the decision-making process.

**Online**

32533 Donaher, K Online

**AGAB-02 Agricultural Accounting**

3.0 units: 54.0 hours lec.

This course will focus on the principles of agricultural accounting sys-

tems, types of records, their use, and how to compute and use measures of earnings and costs of production to improve agribusiness efficiency.

**Merced Campus**

31002 TTh 09:20a-10:45a Donaher, K AGIT-131

**AGAB-03 Agricultural Marketing**

3.0 units: 54.0 hours lec.

: This course includes a survey of the marketing aspects of the agriculture industry and an overview of the structure and institutional aspects of the marketing system. Emphasis will be on the marketing functions and how consumer trends affect agribusiness.

**Online**

32535 Baskins, S Online

**AGAB-05 Agricultural Economics**

3.0 units: 54.0 hours lec.

This course includes the analysis of the microeconomic principles of supply and demand and the affects on producers and consumers. This class will explore the contemporary and historical place of agriculture and farmers in our economic, social, and political systems and their relationship to the consuming public.

**Online**

32333 Donaher, K Online

**Merced Campus**

31990 MW 09:20a-10:45a Donaher, K AGIT-131

**AGAB-07 Agricultural Sales & Communication**

3.0 units: 54.0 hours lec.

This course involves the study of principles and practices of the selling process: selling strategies and approaches, why and how people buy, prospecting, territory management, and customer service. Additional topics for exploration include self-management, communication, interpersonal skills necessary to developing managerial abilities, leadership qualities, and facilitation of teamwork within the agribusiness sector.

**Online**

32334 Casso, C Online

**AGAB-08 Agricultural Computer Applications**

3.0 units: 36.0 hours lec,

: This course explores computer use in the workplace with emphasis on agribusiness situations. Computer applications including word-processing, spreadsheets, databases, and presentation managers will be covered. Also included will be accessing information through the Internet and World Wide Web, telecommunications, an introduction to web page design and other software appropriate to agribusiness.

**Online**

32955 Casso, C Online

**AGAB-30C AG Leadership - Team Leadership**

2.0 units: 36.0 hours lec.

Principles and practices in planning, developing, conducting, and evaluating leadership programs for agricultural groups. The course focuses on helping students better understand themselves and others; improving group communication; becoming effective leaders and members of groups; improving leadership and personal development skills; assessing leadership situations, determining and administering appropriate leadership strategies, and evaluating results.

**Merced Campus**

31026 M 02:45p-05:05p Casso, C AGIT-129

**Agriculture Mech Ag (AGMA)****AGMA-01 Equipment Safety**

1.0 units: 9.0 hours lec,

This course is a study of safety on and about farm equipment and machines. The safe operation and daily maintenance of machines commonly used in the daily operation of farming operations will be covered along with hitching, driving, and operational safety skills. The safety rules and

laws that apply to agriculture equipment will be stressed.

**Merced Campus**

32957	-	Donovan, T	MA-2
F	08:00a-01:00p	Donovan, T	

**AGMA-05 Agricultural and Industrial Technical Skills**

3.0 units: 36.0 hours lec,

This course provides an introduction to basic technical skills required throughout the agricultural and industrial areas. The course includes identification and use of tools and materials, tool sharpening and care, hot and cold metal work, plumbing and pipefitting, electric wiring fundamentals, basic carpentry and woodwork, concrete materials and mixes, surveying and land measurement, and sketching and estimating.

**Merced Campus**

36057	M	05:00p-06:05p	Ornelas, R	MA-1
	M	06:15p-09:45p	Ornelas, R	MA-2

**AGMA-07 Compact Power Equipment**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: \*Advised\* Previously taken AGMA-06 is advised.

This is a study in the basic principles of modern small equipment and engines. Explores the design, operation and proper maintenance of equipment and current compact engines approved by the California Air Resources Board. Topics include: application of compact engine systems to various machines, power transmission systems, attachments, related engine systems, equipment operation, problem-solving, and component failures.

**Merced Campus**

36014	W	05:10p-06:05p	Ornelas, R	MA-1
	W	06:15p-09:25p	Ornelas, R	MA-2

**AGMA-16 Power Trains**

4.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Previously taken AGMA-12 is required.

This course is a study of the function and repair of a power train from the clutch through the final drive. Topics will include the theory of operation, maintenance, diagnosis, and repair of clutches and torque converters, mechanical and hydraulic transmissions, differentials, and final drives. Safety will be stressed throughout.

**Merced Campus**

32902	MTWTh	07:30a-08:30a	Ornelas, R	MA-1
	MTWTh	08:30a-11:50a	Ornelas, R	MA-2
32903	MTWTh	07:30a-08:30a	Ornelas, R	MA-1
	MTWTh	08:30a-11:50a	Ornelas, R	MA-2

**AGMA-17 Applied Electrical and Hydraulic Service**

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Previously taken AGMA-14 is required.

This course is designed to give students knowledge and competencies in modern cab and chassis electrical systems, electronics, electrohydraulics, and hydraulic systems. Testing, diagnosis, repair, and replacement of computer controlled systems, monitors, sensors, lighting systems, wiring harness, electro/hydraulic systems, and hydraulic systems will be emphasized throughout the course.

**Merced Campus**

32904	MTWTh	12:35p-02:15p	Donovan, T	MA-1
	MTWTh	02:25p-04:55p	Donovan, T	MA-2
32905	MTWTh	12:35p-02:15p	Donovan, T	MA-1
	MTWTh	02:25p-04:55p	Donovan, T	MA-2

**AGMA-18 Applied Diesel Technical Skills**

2.0 units: 18.0 hours lec,

Prerequisite: \*Required\* Previously taken AGMA-12 and AGMA-11 is required.

This course includes applied skills in the service and repair of diesel engines and their sub-systems. Emphasis is placed upon in-frame service/rebuild applications, electronic service information, and component in-

stallation and timing. Testing and diagnostic procedures for after-service/repair is an important part of the course. Industry safety is emphasized throughout the course.

**Merced Campus**

32906	MTWTh	12:35p-01:25p	Donovan, T	MA-1
	MTWTh	01:35p-04:05p	Donovan, T	MA-2
32907	MTWTh	12:35p-01:25p	Donovan, T	MA-1
	MTWTh	01:35p-04:15p	Donovan, T	MA-2

**AGMA-19 Advanced Diagnosis and Repair**

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Previously taken AGMA-11, AGMA-14, AGMA-12, and AGMA-13 is required.

This course is designed for students who have completed a majority of the Diesel Equipment/Mechanized Agricultural courses. Emphasis will be placed on modern diagnosis and equipment repair techniques used in agriculture, heavy equipment and on-highway truck industries.

**Merced Campus**

32908	MTWTh	07:30a-08:25a	Ornelas, R	MA-1
	MTWTh	08:25a-11:35a	Ornelas, R	MA-2
32909	MTWTh	07:30a-08:25a	Ornelas, R	MA-1
	MTWTh	08:25a-11:35a	Ornelas, R	MA-2

**AGMA-21 Truck Brake and Chassis**

4.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Previously taken AGMA-12 is required.

\*Required\* Concurrent enrollment in AGMA-16 is required.

This course is a study of truck and bus mechanics. It includes a study of the running gear, tires, wheels, brakes, electrical systems wiring, services, maintenance, and safety inspection. Troubleshooting and servicing is a major portion of this course.

**Merced Campus**

36116	TTh	05:10p-06:05p	Donovan, T	MA-1
	TTh	06:15p-09:25p	Donovan, T	MA-2

**Agriculture Plant Science (AGPS)**
**AGPS-01 Elements of Plant Science**

4.0 units: 54.0 hours lec,

Introduction to plant science including structure, growth processes, propagation, physiology, growth media, biological competitors, and post-harvest factors of food, fiber, and ornamental plants. Laboratory required.

**Merced Campus**

31605	MW	07:45a-09:10a	Codd, A	AGIT-133
	MW	09:20a-10:50a	Codd, A	AGIT-133
31792	T	07:45a-10:50a	Tassey, B	AGIT-133
	Th	07:45a-10:50a	Tassey, B	AGIT-133
32740	-		Tassey, B	
	M	02:00p-05:20p	Tassey, B	AGIT-133
74043	TTh	08:15a-09:40a	Armenta, E	LBAG-LBAG-101
	TTh	09:50a-11:15a	Armenta, E	LBAG-LBAG-101
32068			Codd, A	Online

**AGPS-03 Economic Entomology**

3.0 units: 54.0 hours lec.

This course will cover insects and mites of economic importance to agriculture. Morphology, taxonomy, identification, life cycles, hosts, habitat relationships, and control methods will be discussed. Collection and labeling of specimens will be required.

**Online**

32417	Geyer, R	Online
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**AGPS-05 Soil Science**

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course provides a basic knowledge of the physical, chemical, and biological properties of soils and their characteristics. The course includes

factors of fundamental soil properties, soil and plant relationships, principles of soil formation, fertilizers and soil management, salinity, pH, erosion management, and nonagricultural uses.

**Merced Campus**

31602	T	02:25p-04:30p	Bell, S	AGIT-131
	Th	02:10p-05:15p	Bell, S	AGIT-133
32705	-	Bell, S		
	W	11:10a-02:15p	Bell, S	AGIT-133

**Online**

32560		Bell, S	Online
32599		Bell, S	Online
32815		Bell, S	Online
72009		Armenta, E	Online

**AGPS-06 Fertilizers & Soil Amendments**

3.0 units: 54.0 hours lec.

This course will cover the composition, value, selection and use of fertilizer materials and soil amendments. Soil, plant, and fertilizer relationships will be covered. Application practices common to area crops and soils will be discussed.

**Merced Campus**

36911	T	05:40p-08:45p	Stoddard, C	AGIT-136
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**AGPS-10 Elements of Cereal Grain Production**

3.0 units: 36.0 hours lec.

This is a study of production principles, which include botany, taxonomy, soil tillage, fertilization, variety and seed selection, pest management, harvest, processing, storage, and marketing for important fiber, food, and cereal crops in California. Covered crops will include cotton, sugar beets, wheat, rice, barley, sorghum, corn, oats, safflower, legumes for seed, and potatoes. A field trip to a major production area is required.

**Merced Campus**

36122	M	04:00p-05:05p	Geyer, R	AGIT-130
	M	05:15p-08:45p	Geyer, R	AGIT-130

**Agriculture Tech-Non Credit (AGT)**
**AGT-701 Agriculture Technical Literacy**

0.0 units:

Prerequisite: \*Required\* Must take CBEAGT-701A CBEAGT-701B CBEAGT-701C concurrently.

This is a foundational digital literacy course focusing on developing basic computer skills utilized in agriculture. The course will teach basic word applications, spreadsheet skills, PowerPoint and email skills needed for communicating in agricultural settings. The class will also cover accessing information on the internet, reading digital maps and navigating agribusiness applications.

**Online**

32352		Montague, K	Online
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**AGT-702 Agricultural Systems**

0.0 units:

Prerequisite: \*Required\* Must take CBEAGT-702A CBEAGT-702B CBEAGT-702C concurrently.

\*Required\* Must have previously passed AGT-701

: This is a foundational agricultural systems class. This course will cover basics of agricultural trends and its impacts on the agriculture industry. The course will also encompass policies, legislation and supply chain. Additionally, the course will give a general overview of crop production and animal production systems.

**Online**

32350		Montague, K	Online
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**AGT-703 Agricultural Technical Literacy**

0.0 units:

Prerequisite: \*Required\* Must take CBEAGT-703A CBEAGT-703B CBEAGT-703C concurrently.

\*Required\* Must have previously passed AGT-702.

This is course provides technical training and familiarization of agricultural basic tools and safety practices. The topics covered in the course are OSHA safety in agricultural settings, basic lock outtag out procedures, proper personal protection equipment, local and federal rules and regulation, and proper hygiene.

**Online**

32351		Montague, K	Online
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**AGT-704 Equipment Operation, Configuration And Troubleshooting**

0.0 units:

Prerequisite: \*Required\* Must take CBEAGT-704A CBEAGT-704B CBEAGT-704C concurrently.

\*Required\* Must have previously passed AGT-703.

This is course provides familiarization of electronic and mechanical agricultural equipment operation. The course covers manual/automated controls, troubleshooting electrical and mechanical equipment, and hardware and software setup.

**Online**

32353		Montague, K	Online
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**AGT-705 Workplace Effectiveness**

0.0 units:

Prerequisite: \*Required\* Must take CBEAGT-705A CBEAGT-705B concurrently.

\*Required\* Must have previously passed AGT-704.

This course will address elements of communication, work ethic, workplace etiquette, problem-solving, time-management.

**Online**

32354		Montague, K	Online
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**Allied Health (ALLH)**
**ALLH-24 Work Experience in Allied Health**

1.0 units:

This course enables students to earn college credit for learning and/or improving skills or knowledge on the job in allied health. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in allied health prior to enrolling in the course.

**Merced Off-Campus**

43001	-	Zhou, J
43002	-	Zhou, J
43003	-	Roe, L
43004	-	Roe, L

**ALLH-63 Nurse Assistant**

6.0 units: 63.0 hours lec,

Limitation on Enrollment: 1. Orientation Workshop 2. CPR Card-Module AC 3. Negative TB Screening test within past 6 months or negative chest x-ray within past year 4. Physical within past 6 months 5. DOJ fingerprint clearance 6. Penal Code Violations Clearance. The course provides clinical instruction and practice of basic nursing skills required of nursing assistants employed in skilled nursing facilities and extended care facilities. The course emphasizes care of the older adult client, assistance with the activities of daily living, bathing, dressing, exercise movement, eating, eliminating safety measures, cardiopulmonary resuscitation and rehabilitation techniques. Meets State Department of Health Services requirements for eligibility to take the Nursing Assistant Certification examination.

**Merced Campus**

41050	W	04:00p-07:45p	Tilley, X	AHC-130
	S	06:30a-03:20p	Rodriguez, C	AHC-140
	S	06:30a-03:20p	Rodriguez, C	OFML-HOSP
41051	W	04:00p-07:45p	Tilley, X	AHC-130
	S	06:30a-03:20p		AHC-140
	S	06:30a-03:20p		OFML-HOSP
46001	M	05:00p-09:15p	Dickens, A	AHC-130



Open Educational Resources/  
Zero Textbook Cost



Umoja



Live Stream



Puent Program

46002	T	06:30a-02:45p	Tilley, X	AHC-140
	T	06:30a-02:45p	Dickens, A	OFML-HOSP
	M	05:00p-09:15p	Dickens, A	AHC-130
	W	06:30a-02:45p	Dickens, A	AHC-140
47399	W	06:30a-02:45p	Dickens, A	OFML-HOSP
	W	03:30p-07:15p	Chacon, C	MUHS-ECHS
	Su	06:30a-03:20p	Chacon, C	AHC-140
	Su	06:30a-03:20p	Chacon, C	OFML-HOSP

**Los Banos Campus**

78051	T	05:00p-08:35p	Harrison, A	LB-B-137
	S	06:30a-03:10p	Harrison, A	LB-B-138
	S	06:30a-03:10p	Harrison, A	OFLL-NB

**Atwater**

47201	W	02:00p-05:45p	Mehat, S	OFML-AHS
	S	06:30a-03:20p	Mehat, S	AHC-131
	S	06:30a-03:20p	Mehat, S	OFML-ATW
47202	W	02:00p-05:45p	Mehat, S	OFML-AHS
	Su	06:30a-03:20p	Sanchez Urzua, A	AHC-131
	Su	06:30a-03:20p	Sanchez Urzua, A	OFML-AHS

**ALLH-67 Medical Terminology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

**Online**

42700		Sulieman, S	Online
42710		Thompson, L	Online
42711		Sulieman, S	Online
42712		Thompson, L	Online
42819		Hannah, S	Online
42829		Carroll, J	Online

**Merced Campus**

46003	W	06:45p-09:50p	Barber, R	AHC-124
46020	T	05:30p-08:40p	Medefind, M	AHC-123

**Los Banos Campus**

78057	T	05:40p-08:45p	Soriano, M	LB-B-106
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**American Sign Language (ASLG)****ASLG-01 Beginning American Sign Language**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to understanding and signing American Sign Language and appreciating the basic elements of the Deaf culture. Emphasis is on obtaining a practical command of the language, including major grammatical components, basic ASL sentence structures, non-manual gestures, expression of spatial relationships in a visual-gestural language, and beginning conversational skills.

**Online**

21302	MW	03:45p-05:10p	Chambers, K	IAC-108
22200			Chambers, K	Online

**ASLG-02 High-Beginning American Sign Language**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take ASLG-01. Minimum grade C,P.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course provides high-beginning practice understanding and signing American Sign Language and appreciating the basic elements of the Deaf culture. Emphasis is on obtaining a practical command of the language, including major grammatical components, basic ASL sentence structures, non-manual gestures, expression of spatial relationships in a visual-gestural language, and high-beginning conversational skills.

**Online**

22201		Chambers, K	Online
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**Anthropology (ANTH)****ANTH-01 Intro to Biological Anthropology**

4.0 units: 54.0 hours lec,

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This survey course deals with the study of human biological heritage and physical variability. Genetics, the fossil evidence and theories of human evolution, forensic anthropology, primatology and current bioethical issues will be discussed. The laboratory portion of the course will include exercises in: genetics, human variation, skeletal analysis, forensic anthropology, evolution and the fossil record, and primate anatomy and behavior. The philosophy of science and the scientific method serve as the foundation for this course.

**Merced Campus**

51002	MW	11:00a-12:25p	Buechler, J	IAC-110
	M	02:25p-05:30p	Buechler, J	IAC-110
51003	MW	09:20a-10:45a	Buechler, J	IAC-110
	W	02:25p-05:30p	Buechler, J	IAC-110

**ANTH-02 Sociocultural Anthropology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the study of human culture and the concepts, theories, and methods used in the comparative study of socio-cultural systems. Subjects include subsistence patterns, social and political organization, language and communication, family and kinship, religion, the arts, social inequality, ethnicity, gender, and culture change. The course applies anthropological perspectives to contemporary issues.

**Online**

52025		Osborn, S	Online
52026		Osborn, S	Online

**Merced Campus**

51007	TTh	09:20a-10:45a	Buechler, J	IAC-110
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**Archaeology (ARCH)****ARCH-01 Introduction to Archaeology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the history, theory, concepts, and methods of the anthropological discipline of archaeology. How do we know anything about the ancient human past? This course answers that question, addressing survey methods, excavation, stratigraphy, dating techniques, artifact analysis, professional ethics, and the role of scientific inquiry in understanding the past, illustrated with examples from ancient cultures around the world.

**Online**

52027		Osborn, S	Online
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**Art (ART)****ART-01 Survey of Western Art From Prehistory****Through the Middle Ages**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a survey that examines the historical contexts of humanity through the development of art, architecture, painting, sculpture, and the minor arts, from pre-history through the medieval period.

**Merced Campus**

51112	MW	12:35p-02:00p	Serpa, B
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**Online**

52108		Benhissen, L	Online
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## ART-02 Survey of Western Art From Renaissance To Contemporary

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) advised.

: This course is a survey that examines the historical context of humanity through the development of art, architecture, sculpture, painting and the applied arts from the Renaissance to the Contemporary period.

### Online

52000	Benhissen, L	Online
52028	Isho, D	Online
72015	Cooper, T	Online

### Merced Campus

51133	MW	02:00p-03:25p	Macareg, E	ART-01
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## ART-06 Survey of Modern Art

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

: This course is a survey of the prominent artists and art movements from the 19th and 20th centuries to today. Major works in painting, sculpture, architecture and the applied arts are covered. The historical context of science, invention, world events, politics, philosophy, religion, and music are examined as influences reflected in each generation's contribution to the history of the visual arts.

### Online

52800	Benhissen, L	Online
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## ART-12A Sculpture: 3-D Foundations

3.0 units: 36.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the fundamentals of the sculpting process and the study of a variety of materials related to sculpture. Projects explore the elements and principles of 3-D design and the conceptual styles of realism to abstraction, both in the round and as bas-relief.

Important sculptors and their significant works from various historical periods and various cultures are examined. A small materials fee covers the cost of the works created.

### Merced Campus

51009	MW	12:30p-01:25p	Warner-Davies, M	ART-4
	MW	01:35p-03:00p	Warner-Davies, M	ART-4

## ART-12B Intermediate Sculpture

3.0 units: 36.0 hours lec.

Prerequisite: \*Required\* Previously taken ART-12A and passed with a minimum grade of C or received an equivalent.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Students will explore sculpture materials, methods, techniques, and create three-dimensional design projects related to intermediate-level course work. Students will research important sculptors and their significant works from various historical periods and cultures. A materials fee will cover the cost of the art works created.

### Merced Campus

51010	MW	12:30p-01:25p	Warner-Davies, M	ART-4
	MW	01:35p-03:00p	Warner-Davies, M	ART-4

## ART-15 Design: 2-D Foundations

3.0 units: 36.0 hours lec.

This studio survey class is a required foundation course for the study of the Visual Arts. Lectures and studio projects explore and analyze concepts related to the elements and principles of current and historical design theories. Philosophical, social and cultural implications are examined. Subject matter is directly linked to topics in 2-D, fine art, graphic design, commercial art, and photography, with broader applications to professional fields of 3-D, applied arts, environmental design, architecture, interior design and fashion. Required for Art Majors.

### Merced Campus

51011	TTh	12:30p-01:25p	Warner-Davies, M	ART-4
	TTh	01:35p-03:00p	Warner-Davies, M	ART-4
51012	MW	09:30a-10:25a	Macaraeg, E	ART-4
	MW	10:35a-12:00p	Macaraeg, E	ART-4

### Online

52030	Isho, D	Online
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## ART-17A Introduction to Ceramics

3.0 units: 36.0 hours lec.

This course is an introduction to ceramic materials, concepts, and processes including basic design elements and principles, creative development, hand-building, throwing, glaze techniques, firing and ceramic terminology. The course covers aesthetics and creative development of clay objects examining historical, contemporary and personal modes of expression across multiple cultures.

### Merced Campus

51015	MW	05:30p-06:30p	Hanna, K	ART-5
	MW	06:40p-08:05p	Hanna, K	ART-5
51017	TTh	09:30a-10:25a	Warner-Davies, M	ART-5
	TTh	10:35a-12:00p	Warner-Davies, M	ART-5

## ART-17B Intermediate Ceramics

3.0 units: 36.0 hours lec.

Prerequisite: \*Required\* Previously taken ART-17A and passed with a minimum grade of C or received an equivalent.

This is an intermediate course in ceramic pottery and sculpture design and construction, non-technical glaze composition, and kiln firing. Stress is placed upon the attainment of skill on the potter's wheel and organization of construction problems. Students pursue projects of individual interest.

### Merced Campus

51013	TTh	09:30a-10:25a	Warner-Davies, M	ART-5
	TTh	10:35a-12:00p	Warner-Davies, M	ART-5
51016	MW	05:30p-06:30p	Hanna, K	ART-5
	MW	06:40p-08:05p	Hanna, K	ART-5

## ART-20A Introduction to Printmaking

3.0 units: 36.0 hours lec.

This course is an introduction to the basic materials, equipment and fundamental printmaking processes including relief (linocut and woodcut), intaglio (drypoint, etching and collagraph) and stencil (screenprint) methods. Students will produce limited editions of black and white prints, be introduced to color techniques and survey the history of printmaking.

### Merced Campus

51018	TTh	12:30p-01:25p	Serpa, B
	TTh	01:35p-03:00p	Serpa, B

## ART-20B Intermediate Printmaking Color

3.0 units: 36.0 hours lec.

Prerequisite: \*Required\* Take ART-20A. Minimum grade C,P.

This course deals with color printmaking techniques, as well as black and white, with an emphasis on intaglio processes and the lithographic technique in which images are printed from limestone slabs.

### Merced Campus

51019	TTh	12:30p-01:25p	Serpa, B
	TTh	01:35p-03:00p	Serpa, B

## ART-23A Introduction to Painting

3.0 units: 36.0 hours lec.

This course is an introduction to the principles, elements, and practices of painting in oil and acrylic medium. Students will focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

### Merced Campus

51103	TTh	09:30a-10:25a	Benhissen, L	ART-6
	TTh	10:35a-12:00p	Benhissen, L	ART-6

**ART-23B Intermediate Painting**

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Take ART-23A; Minimum Grade C,P;

This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level painting, focusing on complex subject matter and concepts using a variety of subjects, techniques, and methodologies. Students in this course will build on fundamental painting skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to painting.

**Merced Campus**

51104	TTh	09:30a-10:25a	Benhissen, L	ART-6
	TTh	10:35a-12:00p	Benhissen, L	ART-6

**ART-24A Fundamentals of Drawing**

3.0 units: 36.0 hours lec,

This studio survey course introduces the principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Students will focus on perceptually based drawing, observational skills, technical abilities, conceptual thinking and critical analysis. Historical and contemporary developments, critical trends, materials, and approaches in drawing will be examined for their philosophical and cultural implications. Required for Art majors.

**Merced Campus**

51021	MW	09:30a-10:25a	Warner-Davies, M	ART-6
	MW	10:35a-12:00p	Warner-Davies, M	ART-6
51101	TTh	12:30p-01:25p	Benhissen, L	ART-6
	TTh	01:35p-03:00p	Benhissen, L	ART-6

**Online**

52031		Disch, S	Online
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**ART-24B Intermediate Drawing**

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Take ART-24A. Minimum grade C,P.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

**Merced Campus**

51022	MW	09:30a-10:25a	Warner-Davies, M	ART-6
	MW	10:35a-12:00p	Warner-Davies, M	ART-6
51102	TTh	12:30p-01:25p	Benhissen, L	ART-6
	TTh	01:35p-03:00p	Benhissen, L	ART-6

**Online**

52032		Disch, S	Online
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**ART-26A Introduction to Figure Drawing**

3.0 units: 36.0 hours lec,

This course is an introduction to drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include an introduction to human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure, in both rapid and extended studies.

**Merced Campus**

52700	W	05:40p-08:45p	Benhissen, L	ART-6
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**ART-26B Intermediate Figure Drawing**

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Take ART-26A; Minimum grade C,P.

Exploration of artistic concepts, styles, and creative expression related to intermediate-level figure drawing, focusing on complex composition

and concepts using a variety of color drawing mediums, techniques, and methodologies. Students in this course will build on fundamental figure drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to figure drawing.

**Merced Campus**

52701	W	05:40p-08:45p	Benhissen, L	ART-6
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**Art - Digital (ARTD)****ARTD-08 History of Animation**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This critical and historical survey course covers animated media from the origins of cave paintings illuminated by flickering firelight to contemporary digital augmented reality pushing the boundaries of consciousness. The class explores American, European and Japanese animation through a cross-cultural perspective which fosters a wide-ranging analysis of moving imagery with particular attention paid to significant creative breakthroughs in the medium.

**Online**

52021		Perlin, A	Online
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**ARTD-40A Introduction to Digital Art**

3.0 units: 36.0 hours lec,

The studio survey course introduces fundamental raster and vector artwork concepts and visualization processes. Students will learn basic design elements, compositional principles, current digital art theories, philosophical and cultural implications, and software techniques to create, edit, and output digital visuals. The course emphasizes creative thinking skills, design aesthetics, static imagery and motion media competence.

**Merced Campus**

51027	TTh	02:15p-03:10p	ART-8
	TTh	03:20p-04:45p	ART-8
51132	TTh	08:00a-08:55a	Toel, B
	TTh	09:05a-10:30a	Toel, B
52705	-	Perlin, A	ART-8
	T	05:40p-08:45p	Perlin, A

**ARTD-40B Intermediate Digital Art**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: \*Advised\* Previously taken AOM-50C and ARTD-40A advised.

This studio course continues to promote creative thinking ability, the exploration of design elements & composition, and imaginative technical ability through the use of bitmap and vector software programs. Students' perceptual capability will expand when producing innovative artworks for print, web, and multimedia outputs. Digital art history, contemporary trends, and emerging media underscore the course's broadminded structure.

**Merced Campus**

51028	TTh	02:15p-03:10p	ART-8
	TTh	03:20p-04:45p	ART-8
52706	-	Perlin, A	
	T	05:40p-08:45p	Perlin, A

**ARTD-41A Intro to Graphic Design: 2D Foundations**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken ART-15 is advised.

This studio survey course introduces fundamental concepts and manipulation processes in graphic design and the visual communication arts. Students will learn foundational design principles, conceptual thinking, and typographic layout while also exploring philosophical and cultural implications. Students utilize software and traditional drawing-board design practices that visually enlighten and effectively communicate to a mass audience.

**Merced Campus**

51030	MW	02:15p-03:10p	Perlin, A
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MW 03:20p-04:45p Perlin, A ART-8

**ARTD-41B Intermediate Graphic Design: 2D Foundation**

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Take ARTD-41A. Minimum grade C,P; This studio survey course continues to explore concepts and manipulation processes in graphic design and the visual communication arts. Students will learn intermediate design principles, conceptual thinking, and typographic layout while also exploring philosophical and cultural implications. Students utilize software and traditional drawing-board design practices that visually enlighten and effectively communicate to a mass audience.

**Merced Campus**51031 MW 02:15p-03:10p Perlin, A ART-8  
MW 03:20p-04:45p Perlin, A ART-8**ARTD-42A Introduction to Motion Graphics**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken AOM-50A is advised. This course involves innovative thinking in introductory three-dimensional graphics on a timeline. Students will create characters, design movement paths, learn pose manipulation and cycles, frame movement based on sound, animate text and produce dynamic compositions and scene storytelling with drawing and software such as After Effects, ZBrush and Maya.

**Merced Campus**51032 MW 11:00a-11:55a Perlin, A ART-8  
MW 12:05p-01:30p Perlin, A ART-8**ARTD-42B Intermediate Motion Graphics**

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Take ARTD-42A; Minimum grade C,P; \*Advised\* Previously taken AOM-50A is advised. This studio course involves more in-depth innovative concepts in intermediate-level visual effects on a timeline. Students will create characters with pose manipulation, design fluid movement paths within environments, control simulations with scripting, frame movement based on sound, and produce more complex compositions and scene storytelling with particles and deformers while utilizing software such as After Effects, ZBrush, Nuke, ToonBoom and Maya.

**Merced Campus**51033 MW 11:00a-11:55a Perlin, A ART-8  
MW 12:05p-01:30p Perlin, A ART-8**Astronomy (ASTR)****ASTR-01 Principles of Astronomy**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This is a basic course studying the principles of astronomy beginning with the solar system and continuing through the Milky Way Galaxy and the galaxies beyond. Throughout the course topics relating to the philosophy of science, history of astronomy, tools of the astronomer, and supporting topics of physics are introduced. The course is designed for students satisfying breadth requirements in science and having a general interest in astronomy.

**Online**12300 Davies, R Online  
12301 Sugimoto, G Online**Merced Campus**

10300 MW 12:35p-02:00p Khurana, P SCI-110

**Athletics (ATHL)****ATHL-01A Intercollegiate Baseball**

3.0 units:

Limitation on Enrollment: This is a varsity team sport requiring coach's or academic athletic advisor's approval. This is a course teaching theory, practice and game performance of competitive baseball. This course may

be repeated three times.

**Merced Campus**

01120 MTWThF 10:00a-11:50a Ingraham, J ATHL-BBF

**ATHL-01B Intercollegiate Basketball**

1.5 units:

Prerequisite: \*Advised\* Previously taken KINE-13 is advised. Limitation on Enrollment: This is a varsity team sport requiring coach's or academic athletic advisor's approval. This course teaches theory, practice and game performance of competitive basketball. This course may be repeated three times.

**Merced Campus**01121 MTWThF 11:00a-12:50p Baker, A GYM-1  
01122 MTWThF 08:00a-09:50a Fermin, A GYM-1**ATHL-01G Intercollegiate Swimming**

3.0 units: 162.0 hours lab.

Limitation on Enrollment: This is a varsity team sport requiring coach's or academic advisor's approval. This is a course teaches theory, practice and game performance of the competitive sport. This course may be repeated three times.

**Merced Campus**01125 MTWThF 08:00a-09:50a McCall, S ATHL-POOL  
01126 MTWThF 12:30p-02:20p Halpin, W ATHL-POOL**ATHL-01I Intercollegiate Track and Field**

3.0 units:

Limitation on Enrollment: This is a varsity team sport requiring coach's or academic advisor's approval. This is a course teaching theory, practice, and game performance of the designated competitive sport. This course may be repeated three times.

**Merced Campus**

01127 MTWThF 12:30p-02:20p Severo, S ATHL-TRACK

**ATHL-01K Intercollegiate Softball**

3.0 units:

Prerequisite: \*Advised\* Previously taken KINE-15 is advised. Limitation on Enrollment: This is a varsity team sport requiring coach's or academic advisor's approval. This course teaches theory, practice and game performance of the competitive softball. This course may be repeated three times.

**Merced Campus**

01128 MTWThF 02:10p-04:00p McGhee, S ATHL-SBF

**ATHL-02B Off-Season Conditioning for Basketball**

1.0 units:

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of basketball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate basketball competition and may be repeated to meet requirements for CCCAA eligibility.

**Merced Campus**01123 MTWTh 07:45a-09:10a GYM-1  
01124 MTWTh 11:00a-12:25p Baker, A GYM-1**ATHL-02D Off-Season Conditioning for Football**

1.0 units:

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of football. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed

training, and flexibility exercises. This course is designed to prepare students for intercollegiate football competition and may be repeated to meet requirements for CCCAA eligibility.

**Merced Campus**

01130	MTWTh	03:45p-05:10p	Pinasco, J	ATHL-STAD
01131	MTWTh	03:00p-05:15p	Borba, F	ATHL-STAD

**ATHL-02F Off-Season Conditioning for Soccer**

1.0 units:

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic athletic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of soccer. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate soccer competition and may be repeated to meet requirements for CCCAA eligibility.

**Merced Campus**

01132	MTWTh	02:10p-03:35p	Daughdrill, J	ATHL-PF3
01133	MTWTh	03:45p-05:10p	Sousa, S	ATHL-PF4B

**ATHL-02L Off-Season Conditioning for Volleyball**

1.0 units:

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of volleyball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate volleyball competition and may be repeated to meet requirements for CCCAA eligibility.

**Merced Campus**

01129	MTWTh	03:45p-05:10p	Casey, J	GYM-1
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**ATHL-03 Athletic Conditioning**

0.5 units:

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. This class is designed to prepare athletes for athletic competition. Different training techniques will be used including: functional training, core training, plyometrics, and strength training. Emphasis will be placed on injury prevention and to improve athletic performance. Multiple workouts are required per week. This course may be repeated three times.

**Merced Campus**

01134	MW	12:35p-02:00p	Lonetree, E	GYM-5
01135	MTWThFS	12:00p-02:50p	Ingraham, J	ATHL-BBF
01136	MTWThFS	10:00a-12:50p	Baker, A	GYM-1
01137	MTWThFS	01:00p-03:50p	Fermin, A	GYM-1
01138	MTWThFS	12:00p-02:50p	Lonetree, E	ATHL-SBF

**Automotive Technology (AUTO)**
**AUTO-04 Wheel Alignment and Suspension**

3.0 units: 54.0 hours lec,

This class is designed for students without prior experience in automotive mechanics. It is a study of fundamental theory and operation of the components that make up the major automotive systems with the purpose of giving the student general knowledge of the automobile. Major emphasis is given to operational principles of the automobile and related terminology.

**Merced Campus**

32004		Barnard, R	Online	
36004	T	06:00p-09:05p	Martinez, J	IT-3

**AUTO-32 Wheel Alignment and Suspension**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Concurrent enrollment in AUTO-54.

This course is designed to provide the technical knowledge and experience required for aligning and servicing suspension systems on modern automobiles. Laboratory exercises will provide the student an opportunity to develop entry-level skills in the use of machines and equipment commonly used in wheel alignment, tire service, and front-end repairs.

**Merced Campus**

39137	MTWTh	08:00a-09:50a	Martinez, J	IT-3
	MTWTh	09:50a-11:40a	Martinez, J	IT-1
39138	MTWTh	08:00a-09:50a	Martinez, J	IT-3
	MTWTh	09:50a-11:40a	Martinez, J	IT-1

**AUTO-33 Automotive Brake Systems**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Concurrent enrollment in AUTO-54.

This course is designed for students without prior experience in automotive brake repair. The course will cover theory, service and repair of conventional, Antilock Brake Systems (ABS) and related brake systems. Laboratory exercises will provide the student the opportunity to develop skills and knowledge in the use of tools and equipment necessary in the repair and service of automotive brake systems.

**Merced Campus**

39426	MTWTh	01:00p-03:00p	Martinez, J	IT-3
	MTWTh	03:00p-05:00p	Martinez, J	IT-1
39801	MTWTh	01:00p-03:00p	Martinez, J	IT-3
	MTWTh	03:00p-05:00p	Martinez, J	IT-1

**AUTO-36 Automotive Manual Transmissions & Drive Trains**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: \*Required\* Previously taken AUTO-54 (formerly AUTO-63) is required.

This course is designed for the student without any prior experience in standard transmissions or drive axles. The class will provide technical information required for understanding and repairing of manual transmissions and drive trains. Laboratory exercise will provide the student with proper repair procedures and use of related tools and equipment. Standard transmissions, transaxles, differentials, drivelines, and related components will be covered.

**Merced Campus**

39403	MTWTh	01:00p-03:00p	Weepers, M	IT-4B
	MTWTh	03:00p-05:00p	Weepers, M	IT-5
39404	MTWTh	01:00p-03:00p	Weepers, M	IT-4B
	MTWTh	03:00p-05:00p	Weepers, M	IT-5

**AUTO-44 Automotive Air Conditioning, Heating System, Cooling Systems**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Previously taken AUTO-54 (formerly AUTO-63) is required.

This is a basic course in the principles of operation of automotive air conditioning, heating system, and cooling system. The course covers theory, system controls, troubleshooting, service, and repairs. Lab emphasis consists of system diagnosis servicing, repairs, and preventive maintenance on live vehicles.

**Merced Campus**

39049	MTWTh	08:00a-09:50a	Gregory, A	IT-4A
	MTWTh	09:50a-11:40a	Gregory, A	IT-2
39099	MTWTh	08:00a-09:50a	Gregory, A	IT-4A
	MTWTh	09:50a-11:40a	Gregory, A	IT-2

**AUTO-54 Automotive Basic Skills**

4.0 units: 54.0 hours lec,

This course is an introduction to the Automotive Program and is designed for the entry level automotive student to develop the fundamental knowledge and skills required to enter subsequent automotive courses.



This course will cover vehicle identification, use of repairdatabases, use of critical tools/equipment, and electrical fundamentals necessary for the useof electrical test equipment.

**Merced Campus**

39425	MTWTh	08:00a-10:00a	Weepers, M	IT-4B
	MTWTh	10:00a-12:00p	Weepers, M	IT-5
39534	MTWTh	08:00a-10:00a	Weepers, M	IT-4B
	MTWTh	10:00a-12:00p	Weepers, M	IT-5

**AUTO-55 Automotive Emissions Level 1 and 2 Training**

5.0 units: 81.0 hours lec,

Prerequisite: \*Required\* Previously taken AUTO-54 and AUTO-58 or former class AUTO-63 and passed with a minimum grade of C.

This course is designed to provide students with knowledge and skills necessary to perform Smog Check Inspections. Level 1 training is intended to provide students with fundamental knowledge of engine and emission control theory, design and operation. Level 2 training is intended to provide students the knowledge, skills, and abilities needed to perform Smog Check inspections. Students who successfully complete this training will have met the California Bureau of Automotive Repair requirements for Level 1 and 2 training to qualify to take the Smog Check Inspector state licensing examination.

**Merced Campus**

39305	MTWTh	01:00p-03:55p	Gregory, A	IT-4A
	MTWTh	03:55p-04:45p	Gregory, A	IT-2
39306	MTWTh	01:00p-03:55p	Gregory, A	IT-4A
	MTWTh	03:55p-04:45p	Gregory, A	IT-2

**AUTO-57 Automotive Electrical Systems**

4.5 units: 67.5 hours lec,

Prerequisite: \*Required\* Concurrent enrollment in AUTO-54.

This course covers automotive electrical systems and includes a review of electron theory, magnetism, and semiconductors. The student will acquire technical and working knowledge of starting, charging and ignition systems and components. The student will acquire working and technical knowledge of electrical accessories and accessory circuits. The use of special service tools and electronic diagnostic equipment will be included.

**Merced Campus**

39135	MTWTh	01:00p-03:10p	Gregory, A	IT-4A
	MTWTh	03:10p-04:25p	Gregory, A	IT-2
39438	MTWTh	01:00p-03:10p	Gregory, A	IT-4A
	MTWTh	03:10p-04:25p	Gregory, A	IT-2

**AUTO-58 Automotive Computerized Controls**

4.5 units: 67.5 hours lec,

Prerequisite: \*Required\* Previously taken AUTO-54 (formerly AUTO-63) and AUTO-57 (formerly AUTO-42) and passed with a minimum grade of C.

This course provides an in-depth exploration of automotive computers and electronic systems, essential for modern vehicle diagnostics and repair. Students will gain a comprehensive understanding of the integration of computer technology in automotive systems including various sensors and actuators. Key topics include the fundamentals of automotive electronics, the architecture of automotive computer systems, communication protocols such as CAN bus, OBD-II diagnostics, and the role of software in vehicle performance and safety.

**Merced Campus**

39186	MTWTh	08:00a-10:20a	Gregory, A	IT-4A
	MTWTh	10:20a-11:40a	Gregory, A	IT-2
39599	MTWTh	08:00a-10:20a	Gregory, A	IT-4A
	MTWTh	10:20a-11:40a	Gregory, A	IT-2

**AUTO-59 Introduction to Electrified Vehicles**

4.5 units: 67.5 hours lec,

Prerequisite: \*Required\* Previously taken AUTO-54 (formerly AUTO-63) and AUTO-58 (formerly AUTO-43) is required --- OR--- ASE A6 Industry Certificate.

Students must have basic understanding of automotive electrical systems and use of electrical test equipment. The course is designed for students without prior knowledge of Hybrid and Electric Vehicles. This course will cover the different types of electrified vehicles, safety, operation, and basic repair procedures related to electric motors, inverters, and high voltage batteries.

**Merced Campus**

39304	MTWTh	08:00a-10:20a	Martinez, J
	MTWTh	10:20a-11:40a	Martinez, J
39307	MTWTh	08:00a-10:20a	Martinez, J
	MTWTh	10:20a-11:40a	Martinez, J

**AUTO-61 Automotive Engines**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Previously taken AUTO-54 (formerly AUTO-63) and passed with a minimum grade of C.

This is a class in the principles and theory of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. Testing equipment will be used during in-car engine condition diagnosis. Also included will be minor machining operations that are used in engine rebuilding and repairing.

**Merced Campus**

39405	MTWTh	08:00a-09:50a	Weepers, M	IT-4B
	MTWTh	09:50a-11:40a	Weepers, M	IT-5
39500	MTWTh	08:00a-09:50a	Weepers, M	IT-4B
	MTWTh	09:50a-11:40a	Weepers, M	IT-5

**AUTO-64 Automatic Transmissions**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Previously taken AUTO-54 (formerly AUTO-63) and passed with a minimum grade of C.

This course will cover domestic and import automatic transmissions and transaxles. Rebuilding will include diagnosis, inspection, repair, and testing. Theory will cover power flow, apply devices, hydraulics, torque converters, and shift controls.

**Merced Campus**

39179	MTWTh	01:00p-02:45p	Martinez, J	IT-3
	MTWTh	02:45p-04:30p	Martinez, J	IT-1
39180	MTWTh	01:00p-02:45p	Martinez, J	IT-3
	MTWTh	02:45p-04:30p	Martinez, J	IT-1

**AUTO-76 Advanced Automotive Service and Document**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Previously taken AUTO-36, AUTO-58 (formerly AUTO-43), AUTO-61 (formerly AUTO-41), and AUTO-64 (formerly AUTO-46) is required.

This college-level course offers advanced training for aspiring automotive technicians, focusing on real-world applications in live vehicle work environments. Students will delve into the intricacies of automotive repair, with an emphasis on the flat rate payment system commonly utilized in the industry. Additionally, students will learn essential skills in documenting their work, ensuring accuracy, professionalism, and compliance with industry standards. Through a combination of hands-on experience and theoretical instruction, participants will develop the expertise needed to excel as proficient automotive technicians in today's dynamic automotive service industry.

**Merced Campus**

39302	MTWTh	01:00p-02:45p	Weepers, M	IT-4B
	MTWTh	02:45p-04:30p	Weepers, M	IT-5
39303	MTWTh	01:00p-02:45p	Weepers, M	IT-4B
	MTWTh	02:45p-04:30p	Weepers, M	IT-5

**Biology (BIOL)**
**BIOL-01 General Biology for Non-Majors**

4.0 units: 54.0 hours lec,

Limitation on Enrollment: This course is not open to students having a C or better in BIOL-04A. This is an introductory-level course designed for



Open Educational Resources/  
Zero Textbook Cost



Live Stream



Umoja



Puent Program

non-majors. Areas stressed include the origin of life, structure and function of cells, basic processes of life, reproduction, ecology, microbiology, evolution, classification, genetics, and metabolic processes.

**Merced Campus**

10301	MW	09:20a-10:45a	Macias, M	B&E-219
	M	11:00a-02:15p	Macias, M	SCI-112
10302	MW	09:20a-10:45a	Macias, M	B&E-219
	W	11:10a-02:15p	Macias, M	SCI-112
10307	TTh	09:20a-10:45a	Albano, V	SCI-111
	T	11:10a-02:15p	Albano, V	SCI-112
10308	TTh	09:20a-10:45a	Albano, V	SCI-111
	Th	11:10a-02:15p	Albano, V	SCI-112
10309	TTh	12:35p-02:00p	Col, A	B&E-219
	T	02:25p-05:30p	Col, A	SCI-112
10310	TTh	12:35p-02:00p	Col, A	B&E-219
	Th	02:25p-05:30p	Col, A	SCI-112
12756	-	Zermeno, J		
	T	07:45a-10:50a	Zermeno, J	SCI-112
12757	Th	-	Zermeno, J	
74091	MW	07:45a-10:50a	Zermeno, J	SCI-112
	M	11:00a-12:25p	Doscher, E	LB-B-135
	MW	01:25p-04:30p	Doscher, E	LB-B-102
	W	11:00a-12:25p	Doscher, E	LB-B-135
	W	01:25p-04:30p	Doscher, E	LB-B-104
	M	05:40p-08:45p	Sarai, D	LB-B-112
		05:40p-08:45p	Sarai, D	LB-B-102
12304		Goodfellow, K	Online	
12305		Goodfellow, K	Online	
12306		Kain, D	Online	
12307		Alkhouri, J	Online	
12308		White, S	Online	
12309		Modafferi, E	Online	
12310		Macias, M	Online	
12311		Macias, M	Online	
12313		Muehlinghaus, C	Online	
12756		Zermeno, J	Online	
12757		Zermeno, J	Online	

**BIOL-02 Human Biology**

4.0 units: 54.0 hours lec,

Limitation on Enrollment: This course is not open to students having a C or better in BIOL-04A or BIOL-04AH. This course is recommended for Allied Health students. This course is an introduction to the principles of biology with an emphasis on humans. Topics covered include scientific method, cell structure and function, biochemistry, metabolism, cell division, heredity, biotechnology, evolution, anatomy and physiology of the human body, development and aging, disease, and ecology. This course is recommended for allied health students.

**Merced Campus**

10312	MW	09:20a-10:45a	Col, A	SCI-111
	M	11:00a-02:15p	Col, A	SCI-113
10313	MW	09:20a-10:45a	Col, A	SCI-111
	W	11:10a-02:15p	Col, A	SCI-113
10314	MW	12:35p-02:00p	Coburn, C	B&E-219
	M	02:25p-05:40p	Coburn, C	SCI-113
10315	MW	12:35p-02:00p	Coburn, C	B&E-219
	W	07:45a-10:50a	Coburn, C	SCI-113
10316	MW	12:35p-02:00p	Coburn, C	B&E-219
	W	02:25p-05:30p	Coburn, C	SCI-113
10317	MW	11:00a-12:25p	Smith-Christman, N	SCI-207
	W	07:45a-10:50a	Smith-Christman, N	SCI-115
12759	-	White, S		
	T	07:45a-10:50a	Hulse, N	SCI-115
12760	-			
	W	05:40p-08:45p		SCI-113
12761	-	White, S		
	Th	07:45a-10:50a	Hulse, N	SCI-115

**Los Banos Campus**

74097	MW	01:35p-03:00p	Ward, W	LB-A-103
	W	10:00a-01:05p	Ward, W	LB-B-102



74099	MW	01:35p-03:00p	Ward, W	LB-A-103
	W	03:10p-06:15p	Ward, W	LB-B-102

**BIOL-04A Fundamentals of Biology: The Cell and Evolution**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: \*Required\* Previously taken CHEM-04A is required.

\*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a study of the principles of biology. Areas of study will include aspects of the philosophy of science, the chemistry of life, the cell and cellular organization, biological membranes, energy transfer including photosynthesis and cellular metabolism, mitosis/meiosis, and molecular biology. Genetics will include Mendelian genetics, human genetics and Biotechnology. This course is intended for science majors for pre-medical, pre-veterinarian, pre-dental, pre-optometry, and pre-pharmacy majors.

**Merced Campus**

10318	TTh	12:35p-02:00p	Macias, M	SCI-110
	T	02:25p-05:30p	Macias, M	SCI-113
10319	TTh	12:35p-02:00p	Macias, M	SCI-110
	Th	02:25p-05:30p	Macias, M	SCI-113

**BIOL-04B Diversity of Life: Morphology and Physiology**

5.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take BIOL-04A; Minimum grade C,P;

This course is the second semester of a two-semester sequence of general biology for biology majors. This course will cover the origins of life, evolutionary history, biological diversity, plant form and function, animal form and function, and ecology. This course is intended for science majors and for pre-medical, pre-veterinarian, pre-dental, pre-optometry, and pre-pharmacy majors.

**Merced Campus**

12763		-	Schneider, B	
	TTh	07:45a-10:50a	Schneider, B	SCI-113

**BIOL-06 Environmental Science**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This introductory course examines Earth as an ecosystem composed of biological, chemical and physical processes with emphasis on man's impact on the planet. Topics include the structure and function of ecosystems, biodiversity, the impact of industrialization and urbanization, energy, populations, resources, pollution, pesticides and risk/benefit assessment.

**Online**

12315		Alkhouri, J	Online
72031		Bush, B	Online

**BIOL-09 Introduction to Genetics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introductory study of genetic principles, inheritance, variation, and evolution in plants and animals. This course includes the study of Mendelian genetics, molecular genetics, and population genetics. Recent research innovations explored include genetic engineering.

**Online**

12316		Macias, M	Online
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**BIOL-16 General Human Anatomy**

4.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Complete one course from BIOL-01 or



BIOL-02 or BIOL-04A and passed with a minimum grade of C or received an equivalent.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an intensive study of the structure of the human body. Consideration is given to the skeletal, muscular, circulatory, respiratory, digestive, excretory, reproductive, and nervous systems. Special emphasis is placed on the needs of students majoring in biology, nursing, physical education, and medical sciences.

#### **Merced Campus**

10320	MW	01:15p-02:10p	Hulse, N	SCI-202
	MW	07:45a-10:50a	Hulse, N	SCI-116
10321	MW	01:15p-02:10p	Hulse, N	SCI-202
	MW	02:25p-05:30p	Hulse, N	SCI-116
10322	TTh	09:20a-10:15a	White, S	SCI-204
	T	11:10a-02:15p	White, S	SCI-116
	Th	11:10a-02:15p	White, S	SCI-202
12765		-	Albano, V	
	MW	11:10a-02:15p	Albano, V	SCI-116
12722		-	Alkhouri, J	
	TTh	05:40p-08:45p	Estrella, C	SCI-116
12766		-	White, S	
	MW	05:40p-08:45p	Estrella, C	SCI-116
12767		-	Alkhouri, J	
	T	07:45a-10:50a	Alkhouri, J	SCI-202
	Th	07:45a-10:50a	Alkhouri, J	SCI-116
12768		-	Alkhouri, J	
	T	11:10a-02:15p	Estrella, C	SCI-202
	Th	11:10a-02:15p	Estrella, C	SCI-116
12769		-	White, S	
	T	02:25p-05:30p	White, S	SCI-116
	Th	02:25p-05:30p	White, S	SCI-202
12770		-	Schneider, B	
	T	02:25p-05:30p	Schneider, B	SCI-202
	Th	02:25p-05:30p	Schneider, B	SCI-116

#### **Los Banos Campus**

74103	TTh	01:35p-02:30p	Ward, W	LB-A-103
	TTh	10:00a-01:05p	Ward, W	LB-B-102
74105	TTh	01:15p-02:15p	Doscher, E	LB-B-101
	TTh	02:30p-05:35p	Doscher, E	LB-B-102

#### **BIOL-18 Principles of Physiology**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take CHEM-02A; Take BIOL-01 or BIOL-02 or BIOL-04A or BIOL-16; Minimum Grade C.P.

\*Advised\* ENGL-C1000 (formerly ENGL-01A) advisory is advised.

This course is a general lecture and laboratory course in human physiology, including a study of blood and circulation, respiration, muscle activity, endocrine glands, digestion, excretion, and the functions and activities of the brain, nerves, and sense organs.

#### **Merced Campus**

10324	MW	09:20a-10:45a	Reed, E	B&E-130
	M	11:00a-02:15p	Reed, E	SCI-115
10325	MW	09:20a-10:45a	Reed, E	B&E-130
	W	11:10a-02:15p	Reed, E	SCI-115
10326	TTh	12:35p-02:00p	Coburn, C	SCI-111
	T	02:25p-05:30p	Coburn, C	SCI-115
10327	TTh	12:35p-02:00p	Coburn, C	SCI-111
	Th	02:25p-05:30p	Coburn, C	SCI-115
12771		-	Reed, E	
	M	02:25p-05:40p	Reed, E	SCI-115
12773		-	Reed, E	
	W	02:25p-05:30p	Reed, E	SCI-115
12774		-	Reed, E	
	W	05:40p-08:45p	Coburn, C	SCI-115

#### **Los Banos Campus**

74107	T	07:45a-10:50a	Doscher, E	LB-B-135
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W 07:45a-10:50a Doscher, E LB-B-105

#### **BIOL-20 Microbiology**

4.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Complete all groups: Group 1: Complete one course from BIOL-01 or BIOL-02 or BIOL-04A; and Group 2: Complete CHEM-02A;

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This is an introductory course familiarizing students with basic laboratory techniques and fundamental topics of microbiology. Laboratory work includes aseptic techniques, staining procedures, biochemical characterization, serology, and DNA technology used in the identification of microorganisms. Lecture topics consist of a historical overview, genetics, metabolism, cell physiology, growth requirements, immunology, and host-parasite interactions between humans and bacteria, viruses, protozoa, and helminthes. The course is designed for students in any of the allied health professions.

#### **Merced Campus**

10328	MW	09:20a-10:15a	Modafferi, E	SCI-208
	MW	11:10a-02:15p	Modafferi, E	SCI-114
12775		-	Igo, M	
	MW	07:45a-10:50a	Igo, M	SCI-114
12776		-	Modafferi, E	
	TTh	07:45a-10:50a	Modafferi, E	SCI-114
12777		-	Alkhouri, J	
	TTh	11:10a-02:15p	Alkhouri, J	SCI-114
12779		-	Vierra, S	
	TTh	05:40p-08:45p	Vierra, S	SCI-114

#### **Los Banos Campus**

72719		-	Ward, W	
	TTh	03:10p-06:15p	Ward, W	LB-B-104

#### **BIOL-50 Survey of Anatomy and Physiology**

3.0 units: 54.0 hours lec.

This is a course in basic anatomy and physiology of the human body. It is designed as an elementary course for students with limited background in science or biology.

#### **Online**

12317 Albano, V Online

#### **Business (BUS)**

#### **BUS-10 Introduction to Business**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken AOM-30 and ENGL-C1000 (formerly ENGL-01A) is advised.

This survey course is an overview of all aspects involved in business. It covers economic foundations, types of business organizations, marketing, money and banking, and finance. This information will be integrated and related to social, political, legal, and international matters affecting the United States.

#### **Online**

92010			Macha, A	Online
92306			Macha, A	Online
92845			Macha, A	Online
92865			Macha, A	Online
91566	TTh	12:35p-02:00p	Piccininni, A	B&E-124
	MW	11:00a-12:25p	Macha, A	B&E-124

#### **BUS-18A Business Law**

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Previously taken BUS-10 and ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a study of legal principles that govern the conduct of business. Included are surveys of the essential elements of legal history and jurisprudence; judicial, administrative, and alternative dispute resolution; ethics; business crime; torts; contracts and the UCC; bankruptcy; agency relationships; property; administrative law; labor and employment

law; international law. Introduction to legal research and brief-writing are also included.

**Online**

72041	Alvarez, J	Online
92833	Foss, A	Online
92871	Foss, A	Online
92872	Foss, A	Online

**Merced Campus**

91015	MW	12:30p-02:30p	Foss, A	B&E-124
91105	TTh	10:15a-12:15p	Piccininni, A	B&E-124

**Los Banos Campus**

78113	MW	05:30p-07:30p	McMurray, P	LB-B-106
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**BUS-35 Money Management**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken BUS-10 is advised.

This course offers instruction in basic financial, career and life planning. Areas of study include income distribution; occupational earnings; wise buying; credit and borrowing; insurance; housing; savings and investments; taxes; and retirement and planning.

**Online**

92861	Tuttle, N	Online
92873	Tuttle, N	Online

**BUS-37 Small Business Entrepreneurship**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken AOM-30 is advised.

This course is designed to educate prospective new business owners. Topics include the business environment, enterprise management, legal considerations, financing, insuring a business, budgeting, and marketing for a small business.

**Online**

92828	Baker, A	Online
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**Business - Non-Credit (BUSN)****BUSN-752 Introduction to Office Occupations**

0.0 units:

This course introduces adult learners to modern computing, focusing on the Windows environment. Students will learn to navigate desktops, execute basic commands, browse the internet, use email and download files. Topics also include cloud storage, cybersecurity basics, online collaboration tools and use of apps for remote communication and productivity essential for today's technology-driven workplace. This course is 24 to 288 hours in duration.

**Los Banos Campus**

75900	TTh	12:30p-02:00p	Her, P	LB-A-108
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**BUSN-756 Introduction to Office Occupations**

0.0 units:

This entry-level course is designed for the adult student who desires vocational training in the field of Office Occupations. This course will introduce students to computers and the Windows software environment. Students will learn to identify the components of desktop screens and learn to execute basic computer commands. The class will also cover keyboarding, email, basic business skills and downloading files. The course is project-based to develop student entry-level skill proficiency in using Microsoft Office Word, Power Point, Excel and Access. Various simulations reflective of real life experiences will be a major part of the instructional units. The course is 384 to 480 hours in duration and is open entry format.

**Los Banos Campus**

75909	MTWTh	08:00a-12:00p	Her, P	LB-A-108
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**CBE Agriculture Technology-NC (CBEAGT)****CBEAGT-701A Agricultural Technical Literacy - Digital Literacy**

0.0 units:

Prerequisite: \*Required\* Must take AGT-701 with CBEAGT-701A, CBEAGT-701B, and CBEAGT-701C.

Identify and utilize digital technology (hardware and software) used in agriculture.

**Online**

32355	Montague, K	Online
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**CBEAGT-701B Agricultural Technical Literacy - Applied Technical Reading**

0.0 units:

Prerequisite: \*Required\* Must take AGT-701 with CBEAGT-701A, CBEAGT-701B, and CBEAGT-701C.

Read and interpret agricultural industry documents.

**Online**

32356	Montague, K	Online
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**CBEAGT-701C Agricultural Technical Literacy - Applied Technical Writing**

0.0 units:

Prerequisite: \*Required\* Must take AGT-701 with CBEAGT-701A, CBEAGT-701B, and CBEAGT-701C.

Write effective agricultural technical reports.

**Online**

32357	Montague, K	Online
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**CBEAGT-702A Agricultural Systems - General Agriculture Systems Fundamentals**

0.0 units:

Prerequisite: \*Required\* Must take AGT-702 with CBEAGT-702A, CBEAGT-702B, and CBEAGT-702C.

Explain agriculture industry fundamentals.

**Online**

32358	Montague, K	Online
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**CBEAGT-702B Agricultural Systems - Animal Production Systems**

0.0 units:

Prerequisite: \*Required\* Must take AGT-702 with CBEAGT-702A, CBEAGT-702B, and CBEAGT-702C.

Explain the fundamentals of animal systems.

**Online**

32359	Montague, K	Online
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**CBEAGT-702C Agricultural Systems - Crop Production Systems**

0.0 units:

Prerequisite: \*Required\* Must take AGT-702 with CBEAGT-702A, CBEAGT-702B, and CBEAGT-702C.

Explain the fundamentals of plant science and crop production systems.

**Online**

32360	Montague, K	Online
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**CBEAGT-703A Agricultural Safety - Basic Safety**

0.0 units:

Prerequisite: \*Required\* Must take AGT-703 with CBEAGT-703A, CBEAGT-703B, and CBEAGT-703C.

Follow workplace safety protocols using Occupational Safety & Health Administration (OSHA) standards.

**Online**

32361	Montague, K	Online
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**CBEAGT-703B Agricultural Safety - Tool Operation**

0.0 units:

Prerequisite: \*Required\* Must take AGT-703 with CBEAGT-703A, CBEAGT-703B, and CBEAGT-703C.

Safely use basic hand and power tools.

**Online**

32362 Montague, K Online

**CBEAGT-703C Agricultural Safety - Food Safety**

0.0 units: .

Prerequisite: \*Required\* Must take AGT-703 with CBEAGT-703A, CBEAGT-703B, and CBEAGT-703C.

Implement best practices to meet manufacturing, food safety, and sanitation requirements.

**Online**

32363 Montague, K Online

**CBEAGT-704A Equipment Oper, Config, Troubleshooting Basic Equipment Operation**

0.0 units: .

Prerequisite: \*Required\* Must take AGT-704 with CBEAGT-704A, CBEAGT-704B, and CBEAGT-704C.

Safely operate electronic and mechanical equipment used in agriculture.

**Online**

32364 Montague, K Online

**CBEAGT-704B Equipment Oper, Config, Troubleshooting Basic Equipment Configuration**

0.0 units: .

Prerequisite: \*Required\* Must take AGT-704 with CBEAGT-704A, CBEAGT-704B, and CBEAGT-704C.

Safely set up electrical and mechanical equipment in agricultural tasks.

**Online**

32365 Montague, K Online

**CBEAGT-704C Equipment Oper, Config, Troubleshooting Basic Equipment Troubleshooting**

0.0 units: .

Prerequisite: \*Required\* Must take AGT-704 with CBEAGT-704A, CBEAGT-704B, and CBEAGT-704C.

Troubleshoot basic electrical, mechanical, and software systems and communicate identified issues effectively.

**Online**

32366 Montague, K Online

**CBEAGT-705A Workplace Effectiveness - Industry Communication**

0.0 units: .

Prerequisite: \*Required\* Must take AGT-705 with CBEAGT-705A and CBEAGT-704B.

Communicate effectively using industry methods within an organizational structure.

**Online**

32367 Montague, K Online

**CBEAGT-705B Workplace Effectiveness - Employability Skills**

0.0 units: .

Prerequisite: \*Required\* Must take AGT-705 with CBEAGT-705A and CBEAGT-705B.

Demonstrate leadership and interpersonal skills in a professional setting.

**Online**

32368 Montague, K Online

**Chemistry (CHEM)**

**CHEM-02A Introductory Chemistry**

4.0 units: 54.0 hours lec,

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

**Merced Campus**

10330	MW	07:45a-09:10a	Dawson, D	SCI-110
	M	11:00a-02:15p	Dawson, D	SCI-109
10331	MW	07:45a-09:10a	Dawson, D	SCI-110
	W	11:10a-02:15p	Dawson, D	SCI-109
10332	MW	09:20a-10:45a	Dawson, D	SCI-110
	M	02:25p-05:40p	Dawson, D	SCI-109
10333	MW	09:20a-10:45a	Dawson, D	SCI-110
	W	02:25p-05:30p	Fregene, P	SCI-109
10336	TTh	09:20a-10:45a	Dawson, D	SCI-110
	T	11:10a-02:15p	Dawson, D	SCI-109
10338	TTh	12:35p-02:00p	Calderon, S	SCI-203
	T	02:25p-05:30p	Calderon, S	SCI-109
10340	T	02:25p-05:30p	Tenn, B	SCI-111
	Th	02:25p-05:30p	Tenn, B	SCI-109
12780	-	-	Tenn, B	
	TTh	07:45a-09:10a	Tenn, B	SCI-109
16301	MW	05:30p-06:55p	Calderon, S	SCI-110
	W	07:05p-10:10p	Calderon, S	SCI-109

**Los Banos Campus**

74119	MW	11:00a-12:25p	Khurana, S	LB-B-106
	M	07:35a-10:50a	Khurana, S	LB-B-105
74121	MW	11:00a-12:25p	Khurana, S	LB-B-106
	W	01:25p-04:30p	Khurana, S	LB-B-105
74125	MW	11:00a-12:25p	Khurana, S	LB-B-107
	M	01:15p-04:30p	Khurana, S	LB-B-105

**Online**

12318		Tenn, B	Online
12320		Fregene, P	Online
12321		Fregene, P	Online
12322		Fregene, P	Online
12325		Le, T	Online
12326		Le, T	Online
12328		Guillory, J	Online
12329		Guillory, J	Online

**CHEM-02B Introductory Chemistry: Introduction to Organic and Biochemistry**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Previously taken CHEM-02A is required.

\*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

This is a continuation of CHEM-02A with emphasis on organic and biochemistry. The structure, nomenclature, and properties of organic compounds such as alkanes, alkenes, arenes, alcohols, thiols, amines, aldehydes, ketones, carboxylic acids and their derivatives are covered. Structure, properties and reactions of biochemical compounds such as carbohydrates, proteins, and lipids are covered and followed through major and minor metabolic pathways. This course is intended for students in liberal studies, agriculture, and health-related fields. This course is not designed for chemistry or science majors.

**Merced Campus**

12781	-	Weathers, A	
	T	07:45a-10:50a	Weathers, A

**Online**

12330		Weathers, A	Online
12331		Weathers, A	Online

**CHEM-04A General Chemistry I**

5.0 units: 54.0 hours lec, 108.0 hours lab.

Prerequisite: \*Required\* Take CHEM-02 is required.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is

advised.

\*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

This course is designed to teach general principles of chemistry emphasizing nomenclature, chemical equations, stoichiometry, concentration, gas laws, atomic structure, bonding, intermolecular forces, and crystalline solids. It is designed for the student majoring in chemistry, physics, biology, engineering, pre-med, or related fields. A student who has not successfully completed the prerequisite of CHEM-02A but has completed a high school chemistry course with a grade of "B" or higher may consider submitting a prerequisite challenge.

#### **Merced Campus**

10342	TTh	09:20a-10:45a	Tenn, B	B&E-130
	TTh	11:10a-02:15p	Tenn, B	SCI-107
10343	TTh	11:00a-12:25p	Wood, B	B&E-130
	TTh	07:45a-10:50a	Wood, B	SCI-107
10344	TTh	11:00a-12:25p	Wood, B	B&E-130
	TTh	02:25p-05:30p	Wood, B	SCI-107

#### **Online**

12332		Weathers, A	Online
12333		Weathers, A	Online

### **CHEM-04B General Chemistry II**

5.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take CHEM-04A. Minimum grade C,P.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This is a continuation of the general principles of chemistry, with emphasis on kinetics, chemical equilibria, thermodynamics, electrochemistry, nuclear chemistry and transition metal complexes. An introduction to the principles of organic chemistry is included. The lab provides the student with experience in qualitative and quantitative analysis.

#### **Merced Campus**

10345	MW	11:00a-12:25p	Wood, B	B&E-219
	MW	07:45a-10:50a	Wood, B	SCI-107
10346	MW	12:35p-02:00p	Ventura, D	SCI-203
	MW	02:25p-05:30p	Ventura, D	SCI-107

### **CHEM-13A First Semester Organic Chemistry Lecture**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken CHEM-04B and passed with a minimum grade of C or received an equivalent.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a study of the theory and practice of organic chemistry examining the bonding, structure, stereochemistry, nomenclature, properties, and reactions of hydrocarbons and organic halides. Addition, substitution, elimination, and rearrangement reactions are examined. Corresponding mechanisms and energy diagrams are included in the study. Nuclear magnetic resonance, infrared, ultra-violet and mass spectroscopy are introduced as structural elucidation techniques.

#### **Merced Campus**

10347	MW	09:20a-10:45a	Calderon, S	SCI-207
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### **CHEM-13AL First Semester Organic Chemistry Lab**

2.0 units:

Prerequisite: \*Required\* Previously taken CHEM-04B and passed with a minimum grade of C or received an equivalent.

\*Required\* Previously taken CHEM-13A and passed with a minimum grade of C ---OR--- Concurrently enrolled in CHEM-13B.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

A laboratory course that includes the study of organic laboratory techniques including the synthesis of organic compounds, separation, characterization, identification, purification, and the use of related instrumentation. This course is directed toward students in science and pre-professional preparation.

#### **Merced Campus**

10348	MW	11:10a-02:15p	Calderon, S	SCI-104
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### **CHEM-13B Second Semester Organic Chemistry Lecture**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken CHEM-13A and CHEM-13AL and passed with a grade of C or received an equivalent.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a continuation of CHEM-13A, expanding the study of organic chemistry to include aromatic hydrocarbons, alcohols, ethers, thiols, sulfides, aldehydes, ketones, carboxylic acids and derivatives, amines and an introduction to the biochemistry of carbohydrates, proteins, and lipids. Included is a further examination of the use of IR, NMR, GC and Mass Spectroscopy in the identification of organic substances.

#### **Merced Campus**

10349	TTh	09:20a-10:45a	Fregene, P	SCI-208
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### **CHEM-13BL Second Semester Organic Chemistry Lab**

2.0 units:

Prerequisite: \*Required\* Previously taken CHEM-13A and CHEM-13AL and passed with a minimum grade of C or received an equivalent.

\*Required\* Previously taken CHEM-13B and passed with a minimum grade of C ---OR--- Concurrently enrolled in CHEM-13B.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

In the laboratory, course emphasis is placed on the reaction, synthesis, purification, characterization, spectroscopy, and qualitative tests of organic substances. This course is directed toward students in science and pre-professional preparation.

#### **Merced Campus**

10350	TTh	11:10a-02:15p	Fregene, P	SCI-104
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### **CHEM-95S Introductory Chemistry Support**

1.0 units:

Prerequisite: \*Required\* Concurrent Enrollment in CHEM-02A

A review of the core prerequisite skills, competencies and concepts needed in Introductory Chemistry. Topics include basic science process skills, prealgebra and elementary algebra, and the development of critical thinking, problem-solving, and effective study skills needed for introductory chemistry. Intended for students who are currently enrolled in Introductory Chemistry.

#### **Merced Campus**

10337	Th	11:10a-02:15p	Dawson, D	SCI-109
10339	Th	02:25p-05:30p	Calderon, S	SCI-111
12323	T	02:25p-05:30p	Fregene, P	SCI-203

### **Child Development (CLDV)**

#### **CLDV-01 Child Growth and Development**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Examines the progression of development in the physical, cognitive, social, and emotional domains and identifies developmental milestones for children from conception through adolescence. Emphasis on interactions between biological processes and environmental factors. Students will observe children, evaluate individual differences, and analyze characteristics of development at various stages according to developmental theories. (Approved C-ID CDEV 100)

#### **Online**

62260		Oneto, B	Online
62281		McCarrick, S	Online
62282		Oneto, B	Online

	62899 74131	TTh	Soria, L 11:00a-12:25p	Heft, A	Online INT-INT
<b>Merced Campus</b>					

	61601	TTh MW TTh	09:20a-10:45a 09:20a-10:45a 02:10p-03:35p	McCarrick, S Oneto, B McCarrick, S	B&E-101 B&E-101 B&E-101
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	74129	TTh	11:00a-12:25p	Heft, A	LB-B-134
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### CLDV-02 Child, Family and Community

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

The processes of socialization focusing on the interrelationship of family, school, and community. Examines the influence of multiple societal contexts. Explores the role of collaboration between family, community, and schools in supporting children's development, birth through adolescence. (Approved for C-ID CDEV 110)

#### Online

	62262		Soria, L	Online
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	62263 72057		Soria, L Heft, A	Online Online
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#### Merced Campus

	61602 61606	MW MW	11:00a-12:25p 11:00a-12:25p	Oneto, B Soria, L	B&E-218 B&E-218
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### CLDV-03 Principles and Practices of Teaching Young Children

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take CLDV-01

Historical contexts and theoretical perspectives of developmentally and culturally appropriate practice in early care and education for children birth through age eight. Explores the typical roles and expectations of early childhood educators. Identifies professional ethics, career pathways, and professional standards. Introduces best practices for developmentally and culturally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development. (Approved for C-ID EVE 110)

#### Online

	62894		Parra, L	Online
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	62895		Parra, L	Online
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#### Merced Campus

	61603	Th	12:35p-02:00p	Patton, M	B&E-221
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### CLDV-04L Observation and Assessment Practicum

3.0 units: 36.0 hours lec.

Prerequisite: \*Required\* Take CLDV-01; Minimum grade C,P;

\*Required\* Take CLDV-03

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Limitation on Enrollment: As per California Law SB792, all volunteers, students, and employees of educational/service facilities must provide documentation verifying required immunizations and negative TB test. These requirements must be met prior to the start of class. Introduces the appropriate use of assessment and observation tools and strategies to document young children's development and learning. The use of findings to inform and plan learning environments and experiences are emphasized. Recording strategies, rating systems, portfolios, and multiple assessment tools will be discussed, along with strategies for collaboration with families and professionals. (Approved for C-ID ECE 200)

### Merced Campus

	61401	T	11:30a-01:30p 08:00a-11:05a	Soria, L Soria, L	CDCM-16 CDCM-CDC
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	61741	Th	11:30a-01:30p 08:00a-11:05a	Oneto, B Oneto, B	CDCM-16 CDCM-CDC
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#### Online

	62840		Valdez, S	Online
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### CLDV-05 Health, Safety and Nutrition

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Includes the teacher's role in prevention strategies, nutrition and meal planning, integrating health safety and nutrition experiences into daily routines, and overall risk management. (Approved for C-ID ECE220)

#### Online

	61610 74137	TTh	12:35p-02:00p	Leonetti, P Heft, A	Online INT-INT
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### Merced Campus

	61604	TTh	09:20a-10:45a	Patton, M	B&E-103
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### Los Banos Campus

74135	TTh	12:35p-02:00p	Heft, A	LB-B-134
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### CLDV-06 Teaching in A Diverse Society

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Examines the historical and current perspectives on diversity and inclusion and the impact of systemic societal influences on children's development, learning, and school experiences. Strategies for developmentally, culturally, and linguistically appropriate anti-bias curriculum will be explored as well as approaches to promote inclusive and equitable classroom communities. Includes self-reflection on the influence of teachers' own culture and life experiences on teaching and interactions with children and families. (Approved for C-ID ECE 230)

#### Online

	62890		McCarrick, S	Online
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	78141	W	05:40p-08:45p	Parra, L	INT-INT
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### Merced Campus

	61695	TTh	11:00a-12:25p	Patton, M	B&E-222
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	78139	W	05:40p-08:45p	Parra, L	LB-B-134
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### CLDV-07 Introduction to Curriculum for the Young Child

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take CLDV-03

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Developmentally appropriate curriculum and environments for children birth through age eight. Students will use knowledge of children's development, theories of learning and development, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas to support children's development and learning integrated throughout indoor and outdoor settings. (Approved for C-ID ECE 130)

**Online**

62196

Leonetti, P

Online

**CLDV-07L Practicum**

3.0 units: 18.0 hours lec.

Prerequisite: \*Required\* Take CLDV-01, CLDV-02, CLDV-03, CLDV-04L, CLDV-07 Minimum grade C,P.

Limitation on Enrollment: As per California Law SB792, all volunteers, students, and employees of educational/service facilities must provide documentation verifying required immunizations and negative TB test. These requirements must be met prior to the start of class. Demonstration of developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teacher responsibilities.

1.0 units: .

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job in the field of early childhood education. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in early childhood education or related field prior to enrolling in the course.

**Merced Campus**

63401	-	Soria, L
63402	-	Soria, L
63403	-	Soria, L
63404	-	Soria, L

**CLDV-30 Infant and Toddler Development**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take CLDV-01; Minimum Grade C,P; A study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasizes the role of family and relationships in development.

**Online**

62850

Oks, O

Online

**Merced Campus**

61701	W	11:30a-12:30p	Patton, M	CDCM-16
	MW	08:00a-11:05a	Patton, M	CDCM-CDC

**Los Banos Campus**

74143	T	04:30p-05:30p	Heft, A	LB-B-134
	MW	08:30a-11:35a	Heft, A	CDCL-SOL
74145	T	04:30p-05:30p	Heft, A	LB-B-134
	TTh	08:30a-11:35a	Heft, A	CDCL-SOL
74147	T	04:30p-05:30p	Heft, A	LB-B-134
	MW	01:00p-04:05p	Heft, A	CDCL-SOL
74149	T	04:30p-05:30p	Heft, A	LB-B-134
	TTh	01:00p-04:05p	Heft, A	CDCL-SOL

**Online**

72055		Heft, A	Online
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**CLDV-09 Human Development**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the scientific study of human development from conception through death. It examines interplay of biological, psychological, social, and cultural forces on the developing human being.

**Online**

62275		Bluett-Murphy, V	Online
62276		Grimes, J	Online
62277		Clifford, J	Online
62805		Salazar, R	Online
62871		Bluett-Murphy, V	Online

**Merced Campus**

61276	MW	02:10p-03:35p	Patton, M	B&E-221
61871	TTh	11:00a-12:25p	McCarrick, S	B&E-101

**CLDV-24 Work Experience in Child Development****Communication Studies (COMM)****COMM-02 Oral Interpretation**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to introduce students to performance studies through analysis, appreciation, and application of interpretive performance of the various forms of literature: poetry, prose and drama.

**Merced Campus**

21209	TTh	12:35p-02:00p	Bonstein, J	IAC-106
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**COMM-14 Small Group Communication**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Begins Fall 2025. Effective Fall 2025, COMM-14 replaces COMM-04. This course provides students with the foundational knowledge and practice of speechmaking in a democratic society, while simultaneously emphasizing theory and research about communication in a variety of small group contexts. This course exposes students to rhetorical theory, small group theory and public speaking fundamentals within the context of their interpersonal interactions, group communication processes, and live presentations (including informative and persuasive speeches). Students will learn historical roots and key rhetorical theories that ground the study and practice of public speaking, and be able to discover, develop and critically analyze ideas and information in public discourse. Student will



also explore and evaluate group communication processes, including problem-solving, conflict management, decision-making and leadership.

**Online**

 22107	Ramsey, R	Online
22123 MW	12:35p-02:00p	Young, J

**COMM-15 Interpersonal Communication**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Begins Fall 2025. Effective Fall 2025, COMM-15 replaces COMM-05. The focus of this course is to examine the dynamics of communication in one-to-one relationships from a theoretical point of view with a focus on core concepts and methods of research in interpersonal relationships. Communication theory and skills will be investigated in order to help students gain a basic knowledge of the cultural and social organizations in which they (students) exist as well as the behavior and social organizations of other human societies.

**Online**

 72065	Cheek, G	Online
21217 TTh	11:00a-12:25p	Hobbs, L

**COMM-30 Introduction to Intercultural Communication**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Introduction to intercultural communication in domestic and/or global contexts. Influence of cultures, languages, and social patterns on how members of groups relate among themselves and with members of different ethnic and cultural groups. Theory and knowledge of effective communication within and between cultures. Appreciation and comparison of communication among diverse groups within the larger context of American culture. (Approved for C-ID COMM 150)

**Online**

 22122	Hobbs, L	Online
 22123	Hobbs, L	Online
21219 MW	09:20a-10:45a	Hobbs, L
21220 TTh	11:00a-12:25p	Young, J
<b>Los Banos Campus</b>		
74173 TTh	09:20a-10:45a	Hobbs, L

**COMM-C1000 Introduction to Public Speaking**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Begins Fall 2025. Effective Fall 2025, COMM-C1000 replaces COMM-01. In this course, students learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society. Students discover, develop, and critically analyze ideas in public discourse through research, reasoning, organization, composition, delivery to a live audience and evaluation of various types of speeches, including informative and persuasive speeches. (Approved for C-ID COMM 110)

**Online**

 22100	Ward, M	Online
 22101	Ward, M	Online
 22102	Ward, M	Online
22103	Gamble, M	Online

 22104	Romero, L	Online
22105	Bonstein, J	Online
 22106		Online
22112	Reed, R	Online
22113	Bonstein, J.E.	Online
22114		Online
22115		Online
22116		Online
22117		Online
22118		Online
22119		Online
22120		Online
22121		Online
22810	Bonstein, J	Online
22811		Online

 72061	Cavallero, D	Online
 72063	Cavallero, D	Online
75059	Cavallero, D	Online

<b>Merced Campus</b>			
21201	TTh	07:45a-09:10a	IAC-108
 21202	TTh	09:20a-10:45a	Ward, M
21203	MW	09:20a-10:45a	Pierce, J
21204	MW	11:00a-12:25p	Bonstein, J
21205	TTh	11:00a-12:25p	Bonstein, J
21206	TTh	12:35p-02:00p	Young, J
21207	MW	02:10p-03:35p	Bonstein, J
21208	TTh	02:10p-03:35p	Young, J
21221	MW	02:10p-03:35p	Young, J
 21222	MW	12:35p-02:00p	Sahlman, J
26010	T	05:40p-08:45p	Ward, M
26011	W	05:40p-08:45p	Bonstein, J

<b>Los Banos Campus</b>			
74157	MW	02:10p-03:35p	Cheek, G
74161	MW	03:45p-05:10p	Cheek, G
74163	TTh	03:45p-05:10p	Cheek, G
78159	W	05:40p-08:45p	Cheek, G

**COMM-02 Oral Interpretation**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to introduce students to performance studies through analysis, appreciation, and application of interpretive performance of the various forms of literature: poetry, prose and drama.

<b>Merced Campus</b>			
21209	TTh	12:35p-02:00p	Bonstein, J

<b>Computer Science (CPSC)</b>			
<b>CPSC-01 Introduction to Computer Information Systems</b>			
4.0 units: 54.0 hours lec,			
Prerequisite: *Advised* Previously taken ENGL-C1000 (formerly ENGL-01A) and MATH-C, MATH-61 or MATH-62 is advised.			

An introduction to the basics of computing systems, impact of computers on our society, and the future of computing. Focus on using applications, algorithm design, programming basics, database management systems, networking, ethics and security, information systems, internet and web technologies, and computer systems hardware and software components. Application of these concepts and methods through hands-on projects developing computer-based solutions to problems.

**Merced Campus**

10100 Th	09:20a-10:45a	Aslam, U	AGIT-146
<b>Online</b>			
12100	Cantrell, B	Online	

12804 Kapur, N  
Online

This 8-week class is held from 03/09/26 to 05/01/26.

## CPSC-05A Application Development and Programming

3.0 units: 36.0 hours lec,  
Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

An introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience with a modern application programming language and development platform.

### Online



12101 Stoykov, A  
Online

## CPSC-06 Programming Concepts and Methodology I

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken CPSC-01 and ENGL-C1000 (formerly ENGL-01A) is advised.

This course introduces the discipline of computer science using a high level language; provides an overview of computer organization and an introduction to software engineering. Topics include methodologies for program design, development, style, testing, and documentation; algorithms, control structures, methods, and elementary data structures. These skills will be used to solve a variety of application problems.

### Merced Campus

10103	MW	11:00a-11:55a	Hogan, G	B&E-202
	MW	12:35p-02:00p	Hogan, G	B&E-202

### Online

12102 Hogan, G  
Online

12103 Stoykov, A  
Online

## CPSC-07 Discrete Structures

3.0 units: 45.0 hours lec,

Prerequisite: \*Required\* Take CPSC-06 or CPSC-14 or ENGR-14. Take MATH-04A or MATH-04AS.

This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: functions and recursion, relations and sets; basic logic; proof techniques; basics of counting; graphs and trees; and discrete probability.

### Merced Campus

10104	MW	08:40a-09:50a	Hogan, G	B&E-202
	MW	10:00a-10:50a	Hogan, G	B&E-202

## CPSC-09 Foundations of Data Science Systems

4.0 units: 54.0 hours lec,

Foundations of Data Science introduces core concepts of inference and computational thinking through hands-on analysis of real-world data, including economic, geographic, and social network datasets. Students will gain practical skills in programming and statistical inference while exploring meaningful societal issues and ethical considerations in data analysis. This course is modeled after similar offerings at UC Berkeley and UC Merced, providing foundational knowledge for further study in data science and related fields.

## CPSC-13 C++ Programming

4.0 units:

This course introduces the fundamental concepts of artificial intelligence

(AI) and explores its diverse applications in real-world scenarios. Students will learn about the history and evolution of AI, core AI techniques such as machine learning, natural language processing, computer vision, and robotics. The course emphasizes practical applications, covering case studies from industries such as healthcare, finance, manufacturing, and autonomous systems. Students will gain hands-on experience with AI tools and frameworks, enabling them to understand how AI is transforming industries and addressing global challenges.

### Online

12814 - Shah, D  
Online

## CPSC-14 C++ Programming

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken CPSC-01 is advised.

This is the entry-level comprehensive concepts course for computer science majors, and is recommended for science and math majors. Algorithm design, logic diagrams, problem-solving, coding, and debugging are emphasized using a structured language such as C++.

### Merced Campus

12701	-	Kanemoto, K	
T	03:45p-05:10p	Kanemoto, K	B&E-202

## CPSC-21 Programming and Problem-Solving In Matlab

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Take MATH-04A or ZMATH-04A; Minimum grade C,P;

This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics.

### Merced Campus

12707	-	Hogan, G	
Th	03:45p-06:50p	Hogan, G	B&E-202

## CPSC-25 Advanced C++ Programming

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take CPSC-14, ENGR-14, or CPSC-06; Minimum grade C,P;

Intended for students with basic to intermediate programming skills, and introduces them to advanced programming techniques such as pointers and memory management, exception handling, multi-threading, object oriented programming, and generic programming. The C++ language is used throughout the course.

### Merced Campus

12703	-	Kanemoto, K	
TTh	12:35p-02:00p	Kanemoto, K	B&E-202

## CPSC-39 Programming Concepts and Methodology II

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take CPSC-06 or ENGR-14 or CPSC-14. Minimum grade C,P;

This course is a continuation course in Computer Science which introduces further aspects of software design and implementation. Abstract data types, fundamental data structures and associated algorithms: lists, stacks, queues and trees. Students will be expected to design, implement, test and analyze a number of programs.

### Merced Campus

12704	-	Kanemoto, K	
TTh	09:20a-10:45a	Kanemoto, K	B&E-202

### Online

12106 Kanemoto, K  
Online



**CPSC-42 Computer Architecture and Organization**

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Take CPSC-06 or ENGR-14 or CPSC-14;

Minimum Grade C, P;

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised,

The organization and behavior of real computer systems at the assembly-language level. The mapping of statements and constructs in a high-level language onto sequences of machine instructions is studied, as well as the internal representation of simple data types and structures. Numerical computation is examined, noting the various data representation errors and potential procedural errors.

**Merced Campus**

12705 - Hogan, G  
TTh 11:00a-12:25p Hogan, G B&E-202

**Computer Tech and Info Systems (CTIS)****CTIS-03 Information and Communication Technology Essentials**

4.0 units: 36.0 hours lec,

This course provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level ICT professionals. The fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional will be introduced. Preparation for the CompTIA A+ certification exams.

**Merced Campus**

12902 - Celly, B  
W 11:10a-02:15p Celly, B AGIT-146  
This 8-week class is held from 03/09/26 to 05/01/26 and is both in-person and online.

**CTIS-04 Programming With Python**

3.0 units: 36.0 hours lec,

An introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience. Python is a dynamic, object oriented language, is perfect for beginner and also meets industry needs.

**Merced Campus**

12904 M Aslam, U 11:10a-02:15p AGIT-146  
12905 M Aslam, U 11:10a-02:15p AGIT-146

**Online**

12805 Anbananthan, S Online  
Comments: This 8-week class is held from 03/09/26 to 05/01/26.

**CTIS-11 Linux System Administration**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: \*Advised\* Previously taken CPSC-01 is advised.

This course will provide a student with the knowledge and skills required to build, maintain, troubleshoot and support server hardware and software technologies. The course also provides hands-on training of the Linux/Unix operating system. Topics include: installation, management, configuration, security, documentation, utilities, DOS, hacking and file protection on workstations in a LAN environment. This prepares CompTia Linux+ and Server+

**Online**

12800 Dabbagh, H Online

**CTIS-15 Computer Network Fundamentals**

3.0 units: 36.0 hours lec,

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. Students achieve a basic understanding of how networks operate and how to build simple local area networks (LAN), perform basic configurations for routers and switches, implement Internet Protocol (IP) and enterprise technologies, including cloud and virtualization. Students will apply the knowledge and skills required to troubleshoot, configure, and manage common network devices; establish basic network connectivity; and implement network security, standards, and protocols. Preparation for the CompTIA Network+ certification exam.

**Merced Campus**

12901 - Celly, B  
MW 07:45a-10:50a Celly, B AGIT-146  
This 8-week class is held from 01/12/26 to 03/06/26 and is both in-person and online.

**CTIS-16 Routing and Switching**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15 is advised.

This course focuses on switching technologies and router operations that support small-to-medium business networks and includes Wireless Local Area Networks (WLANs) and security concepts. Students learn key switching and routing concepts. Students will perform basic network configuration and troubleshooting, identify and mitigate Local Area Network (LAN) security threats, and configure and secure a basic WLAN.

**Merced Campus**

12906 - Celly, B  
MW 02:25p-05:30p Celly, B AGIT-146  
12907 - Celly, B  
MW 02:25p-05:30p Celly, B AGIT-146

**CTIS-17 Systems and Network Administration**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15 and CTIS-16 is advised.

Demonstrate proficiency in network architecture, protocols, and services. Configure and secure network devices, including routers, switches, and firewalls. Implement virtualization technologies, including VMware, to optimize resource allocation. Administer server environments, encompassing Windows and Linux, within virtualized settings. Manage directory services, such as Active Directory and LDAP, for user and resource management. Utilize platform services, including cloud computing and containerization, to enhance scalability and efficiency. Develop comprehensive backup and disaster recovery plans for virtualized systems and platform services. Effectively troubleshoot common network, system, directory, and virtualization issues. Apply industry best practices in virtualization, virtual networking, directory services, and system administration.

**Online**

12806 Adame, A Online

**CTIS-18 Network Security and Automation**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15 and CTIS-16 is advised.

Cisco Certified Networking Associate (CCNA) curriculum describes the architecture, components, operations, and security to scale for large, complex networks, including wide area network (WAN) technologies. The course emphasizes network security concepts and introduces network virtualization and automation. Students learn how to configure, troubleshoot, and secure enterprise network devices and understand how application programming interfaces (API) and configuration management tools enable network automation.

**Online**

12810 Shi, J Online

12811 Shi, J Online

**CTIS-20 Introduction to Information Systems Security**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15 is advised. An introduction to the fundamental principles and topics of Information Technology Security and Risk Management at the organizational level. It addresses hardware, software, processes, communications, applications, and policies and procedures with respect to organizational Cybersecurity and Risk Management. Preparation for the CompTIA Security+ certification exams.

**Online**

12801

Shi, J

Online

**CTIS-21 Introduction to Cyber Security: Ethical Hacking**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15 and CTIS-20 is advised.

This course that introduces students to the concepts, principles, and techniques, supplemented by hands-on exercises, for attacking and disabling a network within the context of properly securing a network. The course emphasizes network attack methods with the emphasis on student use of network attack techniques and tools and appropriate defenses and countermeasures. Students receive course content information through a variety of methods: lecture and demonstration of hacking tools will be used in addition to a virtual environment. Students experience a hands-on practical approach to penetration testing measures and ethical hacking.

**Online**

12807

Brown, L

Online

**CTIS-22 Digital Forensics Fundamentals**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-20 is advised.

This course is an introduction to the methods used to properly conduct a computer forensics investigation beginning with a discussion of ethics, while mapping to the objectives of the International Association of Computer Investigative Specialists (IACIS) certification. Topics covered include an overview of computer forensics as a profession; the computer investigation process; understanding operating systems boot processes and disk structures; data acquisition and analysis; technical writing; and a review of familiar computer forensics tools.

**Online**

12815

Adame, A

Online

This 8-week class is held from 03/09/2026 to 05/01/2026

**CTIS-23 Cyber Network Defense**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15, CTIS-20, and CTIS-16 is advised.

This course equips students with the knowledge and skills required to secure networks effectively. With this course, a network professional can demonstrate the skills required to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security threats. The course will cover core security technologies, the installation, troubleshooting and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices, and competency in the technologies that networking uses in its security structure.

**Online**

12812

Brown, L

Online



12813

Brown, L

Online

**CTIS-27 Cloud Security and AI: Foundational Conc**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-09 and CTIS-20 is advised.

This course provides a broad overview of cloud security, allowing students to gain critical insights into issues such as techniques to imple-

ment security controls, threat protection, data security, key management, and identity and access management. In addition, students will explore AI-driven security solutions, such as threat detection, anomaly detection, and automated response systems. This course also covers networks in cloud and hybrid environments as part of an end-to-end infrastructure, with a focus on leveraging AI to enhance security monitoring, optimize network traffic, and identify vulnerabilities in real-time.

**Online**

12802

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Ruiz, P

Online

**CTIS-32 Threat Hunting, Incident Response and Crisis Management**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-20 and CTIS-22 is advised.

In this course students will explore an introduction to cyber incident response using industry-recognized tools. Topics covered include incident response case studies, incident response tools used in industry, advanced persistent threats, documentation and technical reporting, timeline analysis, case management, and hunting, gathering, and foraging for cyber threats. Hands-on assignments will be used to help students develop introductory technical skills relevant to entry-level cybersecurity professionals.

**Online**

12808

Online

**CTIS-35 Security Policies and Compliance**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-20 is advised.

This course enable students to learn how to write security policies for an organization and to be able to adapt an existing security policy to organizational needs. The students will understand the various areas that need to be addressed in implementing these policies. This course is Information technology professionals who are responsible for either creating, implementing, or complying with security policies.

**Online**

12803

Online

**Computer-Aided Design 3D Mode (CADM)****CADM-02 Descriptive Geometry**

3.0 units: 36.0 hours lec,

This course involves the use of computer-aided drafting and hand sketching to solve problems and communicate ideas. The course is also an introduction to descriptive geometry using computers and more traditional methods of problem solving through the auxiliary view and two-view methods. The development of graphical methods in their application to graphs, charts, and spatial and vector geometry will be studied.

**Merced Campus**

10101	MW	02:10p-03:05p	Watson, T	B&E-202
	MW	03:20p-04:45p	Watson, T	B&E-202

**CADM-10 Introduction to 3D**

3.0 units: 36.0 hours lec,

This course is an introduction to direct 3D modeling. Students will gain an understanding of how 3D modeling works, and how it can be used with other applications.

**Merced Campus**

10102	MW	05:00p-05:55p	Shamony, H	B&E-202
	MW	06:10p-07:35p	Shamony, H	B&E-202

**Criminal Justice (CRIM)****CRIM-01 Criminology**

3.0 units: 54.0 hours lec.

This course is an analysis of the nature and patterning of criminality and theories of criminal behavior. Crime control policies are critically exam-



ined regarding linkages among 1) social conflicts and inequalities, 2) criminal laws and enforcement practices, and 3) social deviance.

**Online**

42292	Johnson, M	Online
42867	Noblett, D	Online
41684	MW 09:30a-10:55a	Noblett, D PSC-1

**CRIM-02 Introduction to Criminal Justice**

3.0 units: 54.0 hours lec.

The course will emphasize the three major components of the system: court, corrections, law enforcement, and will then examine the role of each. This course pertains to the history and philosophy of criminal justice in America.

**Online**

42300	Noblett, D	Online
42302	Rochester, K	Online
47428	Rochester, K	Online

**Merced Campus**

41662	TTh 11:00a-12:25p	Rochester, K	PSC-1
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**CRIM-03 Criminal Procedures**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken CRIM-02 and passed with a minimum grade of C.

This course covers the examination of due process from pre-arrest through trial and appeal. The history of due process and precedent will be examined through statutory law and interpretations of law reflected in court decisions with particular focus upon the impact of interpretations of Fourth, Fifth, Sixth, Eighth, and Fourteenth Amendments.

**Online**

42304	Rochester, K	Online
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**CRIM-04 Criminal Law**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken CRIM-02 and passed with a minimum grade of C ---OR--- Concurrently enrolled in CRIM-02

This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice courses will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crime.

**Online**

42309	Johnson, M	Online
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**CRIM-05 Community and Human Relations**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken CRIM-02 and passed with a minimum grade of C ---OR--- Concurrently enrolled in CRIM-02

This course covers the relationship of criminal justice agents and the community; causal and symptomatic aspects of community understanding; lack of cooperation and mistrust; study of behavioral causes; and ways to develop and maintain amicable relationships within a diverse multicultural population.

**Online**

42299	Trinidad, T	Online
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**CRIM-06 Introduction to Evidence**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken CRIM-02 and passed with a minimum grade of C ---OR--- Concurrently enrolled in CRIM-02

This course is a study of the origin, development, philosophy, and constitutional basis of evidence; constitutional and procedural considerations affecting arrest; search and seizure; kinds and degrees of evidence and

rules governing admissibility and exclusion of criminal evidence; judicial decisions interpreting individual rights, and case studies viewed from a conceptual level.

**Online**

42270	Johnson, M	Online
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**Merced Campus**

41670	MW 11:00a-12:25p	Noblett, D	PSC-1
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**Los Banos Campus**

78189	TTh 07:05p-08:30p	Melden, J	LB-B-107
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**CRIM-08 Introduction to Investigation**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take CRIM-02; Minimum grade C,P;  
\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course covers the fundamentals of investigation; techniques procedures, and ethical issues of investigation of crime, including organization of the investigative process, crime scene searches, recording, collection, and preservation of physical evidence, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process.

**Online**

42297	Joseph, S	Online
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**CRIM-10 Writing for Criminal Justice**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take CRIM-02 and CRIM-04. Minimum Grade C,P.

This course covers the techniques of communicating facts, information, and ideas effectively in a simple, clear, and logical manner in the various types of criminal justice system reports: letters, memoranda, directives, and administrative reports. Emphasis is placed on criminal justice terminology, the use of English, and the organization of information. The student will also receive practical experience in note taking and report writing; and the preparation for the presentation of testimony in court.

**Merced Campus**

41671	TTh 02:10p-03:35p	Rochester, K	PSC-1
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**CRIM-11 Introduction to Corrections**

3.0 units: 54.0 hours lec.

This course provides a critical analysis of punishment, the various types of punishment, alternatives to punishment, and the impact of punishment on the Criminal Justice System. A Critical examination of the types of Correctional Institutions and the clients housed in each institution are addressed.

**Online**

42301	Framstad, R	Online
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**CRIM-24 Work Experience in Criminology**

1.0 units: 18.0 hours lec.

This course enables students to earn college credit for learning and/or improving skills or knowledge on-the-job in criminal justice. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in criminal justice before enrolling in the course.

**Merced Campus**

43604	-	Wegner, M
43605	-	Wegner, M
43606	-	Wegner, M
43607	-	Wegner, M
43608	-	Wegner, M
43609	-	Wegner, M

**CRIM-33 Violence in the Family**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken CRIM-02 is advised.

This course examines criminal law and the psycho-socio dynamics of child abuse, elder abuse, spousal abuse, and sexual assault.

**Online**

42293 Soto, B Online

**CRIM-37 Communication and Ethics in Law Enforcement**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken CRIM-02 is advised.

This course covers the ethical issues created by the congruent and incongruent match of criminal justice philosophy and law enforcement practice. Effective communication styles for courtroom, testimony, interrogation, and verbal judo will be examined, evaluated, and practiced.

**Online**

42294 Shelton, D Online

**CRIM-42D Reserve Officer Module Level 2**

10.0 units: 162.0 hours lec.

Prerequisite: \*Required\* Take CRIM-42C. Minimum grade C,P.

Limitation on Enrollment: 1. Students must be cleared by the California Department of Justice (DOJ) to participate. DOJ clearance is evaluated through the LiveScan fingerprint process. This clearance will reveal a qualifying/disqualifying criminal history background. 2. The absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. A physician's clearance indicating good physical health must be presented to the instructor at the first class meeting. 3. Student must possess a California Driver's License. This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST). It covers community relations, victimology, crisis intervention, property crimes, crimes against persons, general criminal statutes, laws of arrest, laws of search and seizure, presentation of evidence, investigative report writing, use of force, patrol techniques, vehicle pullovers, crimes in progress, traffic enforcement, unusual occurrences, preliminary investigation, arrest and control methods-including baton, firearms, chemical agents, persons with disabilities, crimes against the justice system, weapons violations, hazardous materials, cultural diversity and discrimination issues. Students missing more than 5% of class time will not be allowed to complete the class (POST regulations). Students will participate in one or more learning activities from the POST-developed Instructor's Guide to Learning Activities for Leadership, Ethics and Community Policing (December 2005) or other comparable sources regarding leadership to consist of 3 hours per week.

**Merced Campus**

49600	TTh	06:00p-09:50p	Johnson, M	PSC-1
	S	08:00a-11:30a	Johnson, M	PSC-1
	S	12:30p-02:30p	Johnson, M	PSC-1

**Culinary Management (CULN)****CULN-39 Introduction to Professional Kitchen**

3.0 units:

Limitation on Enrollment: Students must have current ServSafe Food Handler Certificate or higher certification. This course will focus on the management of a commercial kitchen. Students will implement all operations of a functioning mobile food laboratory and production kitchen. This course will also provide overview of various service industries including restaurant and hotels. Topics include restaurant operations, guest relations and customer service as well as quality control procedures. Students will complete laboratory hours by rotating through stations working at menu development, recipe testing, sales and marketing, cash systems, procurement, service, timing and teamwork to develop organizational skills.

**Merced Campus**

32739		Tassey, E	Online
	Th 01:30p-04:30p	Tassey, E	SU

**CULN-47 Mixology**

3.0 units:

Limitation on Enrollment: students should be 21 years old, if under 21 they will not participate in tasting of alcoholic drinks. This course covers preparation and service of beverages both alcoholic and non-alcoholic.



Attention will be directed to a thorough knowledge of all beverages and the ability to make various drinks accurately and efficiently. Emphasis will be placed on the ability to determine the effects of alcoholic beverages on persons. Customer service and communication will be emphasized. Students under 21 will have alternate laboratory assignments.

**Merced Campus**

31347	W 02:30p-03:00p	Tassey, E	SU
	W 03:00p-04:254p	Tassey, E	SU

**Diagnostic Medical Sonography (SONO)****SONO-45A Integrative Study in Sonography**

2.0 units: 36.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography program. This course covers a comprehensive analysis and assessment of all previous diagnostic medical sonography instructional coursework in preparation for writing national registry examinations. Modifications related to national registry updates are included. Job market readiness skills will also be presented.

**Merced Campus**

41016	W 08:00a-10:05a	Zelinsky, C	AHC-157
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**SONO-45B Clinical Experience IV**

9.0 units:

Prerequisite: \*Required\* Take SONO-45C

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography program. This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, scanning techniques, instrumentation, work efficiency and image evaluation of basic vascular sonography is provided. Clinical experience in abdominal, obstetric and gynecological, and superficial structures imaging is also provided.

**Merced Off-Campus**

47207	-	Zelinsky, C	
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**SONO-47A Advanced Vascular Sonography**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: \*Required\* Take SONO-45B;

\*Required\* Previously taken SONO-45C is required.

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography Program. This course is a continuation of the Basics of Vascular course to include advanced sonographic imaging, positioning, scanning protocols, and vascular testing of the Cerebrovascular, Peripheral, Mesenteric Systems, ultrasound guided procedures, and vascular surgical interventions. Sonographic anatomy, pathophysiology, clinical symptomology, and hemodynamic effects related to clinical interpretation. Laboratory component: sonographic safety and ergonomics, demonstration of scanning exercises, and competency assessment of sonographic vascular examinations to include all relevant Doppler and sonographic instrumentation.

**Merced Campus**

41049	W 10:30a-01:35p	Campoy, L	AHC-157
	W 02:00p-05:05p	Zelinsky, C	AHC-157
41089	W 10:30a-01:35p	Campoy, L	AHC-157
	W 02:00p-05:05p	Campoy, L	AHC-156

**Economics (ECON)****ECON-01 Introduction to Microeconomics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

ECON-01 is an introductory course in microeconomic theories including maximization, benefit verses cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing. The course examines the nature of production, distribution, market outcomes, and the role of government in the market.

**Online**

72079	Ambriz-Sanchez, J	Online
92016	Schwendiman, L	Online
92017	Lewis, A	Online
92829	Serpa, C	Online
91020	TTh 07:45a-09:10a	Wangoya, L
MW 11:00a-12:25p	Serpa, C	B&E-221

**ECON-02 Introduction to Macroeconomics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken ECON-01 or AGBS-11 is required.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

ECON-02 is an introductory course in macroeconomic theories including the determination of income, output, employment, and prices in the economy; the monetary system; governmental fiscal, monetary, and income policies; economic growth; international trade; and economic development.

**Online**

72081	Ambriz-Sanchez, J	Online
92020	Lewis, A	Online

**Merced Campus**

91135	MW 12:35p-02:00p	Serpa, C	B&E-221
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**Los Banos Campus**

78201	MW 05:30p-06:55p	McNally, T	LB-B-107
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**Education (EDUC)****EDUC-01 Introduction to Education I**

3.0 units: 36.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Limitation on Enrollment: Students must obtain a fingerprint clearance and negative TB clearance. Students are introduced to the profession of teaching through an understanding of California's content standards and frameworks, the historical foundations of the American educational system, and teacher performance standards. Practical experiences in the classroom will include a minimum of 45 hours of observation in the classroom of a campus-approved certificated classroom teacher. Students must provide their own transportation to off-campus school sites. Note: Fingerprint clearance and TB clearance are required. Students must dress appropriately as recommended by off-campus school sites. Observation placements will not be available for students with felony convictions.

**Merced Campus**

62680	-	Pimentel, M	
62682	-	Pimentel, M	
62783	T 12:30p-02:30p	Pimentel, M	B&E-103

**EDUC-02 Introduction to Education II**

3.0 units: 36.0 hours lec.

Prerequisite: \*Required\* Take EDUC-01 Minimum grade C,P;

Limitation on Enrollment: Students must obtain a Live Scan clearance and a negative TB clearance. In this course, students are provided additional opportunities to explore the teaching profession and how their personalities will fit with their career choice. Students will observe students and teachers in 4-8 Math and Science classroom environments and share observations with faculty and peers in weekly meetings to note differences in students, teaching/learning styles, and their personal reactions to the classroom setting. This course is intended for students who plan to teach in the K-8 levels. Note: Students must provide their own transportation to off-campus school sites Fingerprint clearance and TB clearance are required. Any costs incurred by the Live Scan and TB clearance are the student's responsibility. Students must dress appropriately as recommended by off-campus school sites. Observation placements are required for class and will not be available for students with felony convictions.

**Merced Campus**

62681	-	Pimentel, M	
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**EDUC-24 Work Experience in Education**

1.0 units:

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job in education or a related field. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in education or a related field prior to enrolling in the course.

**Merced Campus**

63202	-	Pimentel, M
63203	-	Pimentel, M
63204	-	Pimentel, M

**Merced Off-Campus**

63201	-	Pimentel, M
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**Education - Non-Credit (EDU)****EDU-112C Skills Acquisition for Student Success - Allied Health**

0.0 units:

This course is designed to provide students the opportunity to improve and enhance their allied health skills through any number of training exercises that assist in the clinical development of and reinforcement of the practical allied health skills. The course is in a lab setting enriched with a resource library, manikins (for skills practice), and computer stations. Course duration is 8-36 hours. Open Entry.

**Merced Campus**

95010	-	Lang, K
95009	-	MC Staff

**Los Banos Campus**

75005	Th 10:00a-02:00p	Valdez, M	LB-B-138
75007	Th 10:00a-02:00p	Valdez, M	LB-B-138
75013	S 08:00a-12:00p	Melander, S	LB-B-138
75015	S 08:00a-12:00p	Melander, S	LB-B-138

**EDU-508 Mature Driver Improvement**

0.0 units:

This course is designed primarily for drivers age 55 and older. Students receive classroom instruction on driving safety, road courtesy, improving driving performance, and safe driving techniques for emergencies. This course is 8 hours in duration.

**Merced Campus**

95630	T 08:30a-04:30p	Rentfrow, R	BRC-122
95631	T 08:30a-04:30p	Rentfrow, R	BRC-122

**Los Banos Campus**

75021	08:30a-04:30p	Rentfrow, R	OFLL-LBCC
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**Mariposa**

95633	M 08:30a-04:30p	Rentfrow, R	OFML-MARIP
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**Atwater**

95632	W 08:30a-04:30p	Rentfrow, R	OFML-ATW
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**Electricity/Electronics Tech (ELCT)****ELCT-30 Exploring the World of Electricity and Electronics**

3.0 units: 54.0 hours lec.

This is an overview of electricity and electronics presented in the context of the principles of science. Students will gain an understanding of electronic components and circuits and will learn how to use the scientific method to investigate the physical nature of electricity, magnetism and their applications. Topics such as electronics in biotechnology, communications, consumer electronics, and industrial technology will be addressed, along with the impact and context of the electronic age on modern society.

**Online**

32990	Hamilton, A	Online
32991	Hamilton, A	Online

### ELCT-34 Digital Logic, Circuits, and Systems (Foundations of Electronics)

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken ELCT-30 ELCT-31 ELCT-41 and ELCT-52 is advised.

The aim of this course is to provide the student with an introduction to basic digital electronic devices (logic gates, flip-flops, seven-segment displays, counters, shift registers) and their applications in modern computing, mechatronics and automated systems. A/D and D/A converters and the basic operation of programmable logic controllers and microcomputers will be introduced.

#### Merced Campus

12910	 -	Celly, B	AGIT-146
12911	 -	Celly, B	AGIT-146

### ELCT-36 Networking Topologies and Cabling

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: \*Advised\* Previously taken ELCT-51B is advised.

This is a course designed to provide the student with information and knowledge to prepare for the industry-standard Building Industry Consulting Service International (BICSI) Register installer. Level I exam, and employment as a telecommunications cabling installer. Students will gain an understanding of the cabling industry, U.S. and international standards, basic networking, signal transmission, copper cabling, fiber optics, installation, safety, structured cabling system basics, cable management, cable testing, and emerging technologies. Students will also be prepared to read network design documentation, architectural blueprints, set up part parts lists, purchase components, pull and mount cable, choose wiring closets, install jacks, and perform cable testing. This course is repeatable three times.

#### Merced Campus

12908	 -	Celly, B	AGIT-146
12909	 -	Celly, B	AGIT-146

### ELCT-42A Principles and Applications of Programmable Logic Controllers

2.0 units: 18.0 hours lec,

Prerequisite: \*Advised\* Previously taken ELCT-34 ELCT-52 and ELCT-41 is advised.

This course provides instruction in industrial type of computers called "Programmable Logic Controllers" (PLCs). The main topics introduce students to the PLC's basic hardware configuration and programming techniques. During the course students will learn how to configure and use programming instruction to create various applications. The students will program and operate on industrial PLCs as a part of laboratory assignments.

#### Merced Campus

36341	-	Hutchings, J	AGIT-142
	W	05:10p-10:25p	Hutchings, J

### ELCT-42B Advanced Topics in PLC Configuration and Programming

2.0 units: 18.0 hours lec,

Prerequisite: \*Required\* Previously taken ELCT-42A is required.

The course introduces students to a mid-size Programmable Logic Controller (Allen-Bradley SLC-500) hardware configuration, set-up and programming. During the course students will learn how to use advanced

ladder addressing programming instructions as Math, Bit Shift, Compare, Jump, MCR and more, to develop various "real-world" industrial type of PLC applications.

#### Merced Campus

36342	-	Nagano, J	AGIT-142
	Th	05:10p-10:00p	Nagano, J

### ELCT-53A Solar Installer Course 1

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken ELCT-52 ELCT-30 and INDT-35 is advised.

This is an introductory course that will examine and implement the design and installation of a working solar photovoltaic power system. Students will learn how to safely use appropriate tools, make electrical load and solar system size calculations, and examine installation techniques for both grid-tie and off grid photovoltaic systems. This course is intended for students who are contemplating a career in the solar photovoltaic industry.

#### Merced Campus

32996	-	Nagano, J	AGIT-139
32997	MTWTh	12:30p-03:40p	Nagano, J

32997	MTWTh	12:30p-03:40p	Nagano, J
			AGIT-139

### ELCT-55 Electrical Conduit Bending Theory and Techniques

1.0 units: 9.0 hours lec,

Prerequisite: \*Advised\* Previously taken INDT-35 and INDT-49 is advised.

This course provides a comprehensive overview of conduit bending, fabrication procedures and methods. It will develop basic competencies in electrical apprentices and beginning learners. It will discuss hand bending for 90 degree bends, offsets and kicks, saddles and corner offsets, segmented bends, threaders, benders and other conduit types. These conduit types will include electrical metallic tubing (EMT), galvanized rigid conduit (GRC), rigid aluminum, intermediate metallic conduit (IMC), various poly-vinyl chloride (PVC), and flexible plastic and metallic conduit. Wiring in accordance with the National Electrical Code (NEC) will be stressed. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

#### Merced Campus

39048	-	Hamilton, A	AGIT-142
39050	MTWTh	12:30p-01:55p	Hamilton, A

39050	MTWTh	12:30p-01:55p	Hamilton, A
			AGIT-142

### ELCT-56 Introduction to Mechatronics

4.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Take ELCT-42A; Minimum Grade C,P;

\*Advised\* Previously taken ELCT-31 and ELCT-42B is advised.

This course introduces students to mechatronics, the rapidly developing field that integrates mechanical, electronic and software engineering in the service of advanced manufacturing. Students will develop an interdisciplinary and integrated approach to design, manufacturing and troubleshooting mechatronics systems. Students will learn how various components such as electronic sensors, electro-pneumatic valves, actuators, motors, and robotic arms work, and how they can be integrated with other mechanical components into complex automated systems. OSHA safety training and certification will be included. Hands-on experience in building and programming a variety of mechatronics projects that simulate real-life industrial automated systems will be provided in laboratory activities.

#### Merced Campus

39007	-	Hamilton, A	AGIT-141
39283	MTWTh	08:00a-11:15a	Hamilton, A

39283	MTWTh	08:00a-11:15a	Hamilton, A
			AGIT-141

### ELCT-59 Electrical Safety and Industrial Skills

2.0 units: 36.0 hours lec.

Prerequisite: \*Advised\* Previously taken ELCT-47 and ELCT-52 is advised.

This course is an introduction into basic electrical safety and industrial skills associated with the Electrical and Industrial Technology programs offered at Merced College. The course will give students an opportunity to learn industry standard safe working practices in the electrical and maintenance trades as well as the safe operation of industrial equipment. The student will be trained in the safe use of Merced College electrical trainer and equipment that will be used in more advanced Electrical and Industrial Technology classes.

#### Online

32234	Hamilton, A	Online
32235	Hamilton, A	Online

### ELCT-60 Commercial Electrical Wiring and Install

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken ELCT-30 is advised.

This course details the concepts and procedures and layout. This course covers the codes and ordinances for wiring, load calculations and clean energy integration to residential and commercial buildings. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

#### Merced Campus

39994	-	Hamilton, A	
	MTWTh	12:30p-03:50p	Hamilton, A
39995	-	Hamilton, A	AGIT-142
	MTWTh	12:30p-03:50p	Hamilton, A

### ELCT-61 Introduction to Residential Wiring Tech Electrical Design

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken ELCT-59, ELCT-60 and ELCT-30 is advised.

This course is a study of wiring and installation commercial electrical construction applications. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

#### Merced Campus

39992	-	Hamilton, A	
	MTWTh	12:30p-03:50p	Hamilton, A
39993	-	Hamilton, A	AGIT-141
	MTWTh	12:30p-03:50p	Hamilton, A

### Emergency Medical Care (EMER)

#### EMER-10 Paramedic I

12.5 units: 220.5 hours lec,

Prerequisite: \*Required\* Take EMER-11

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Limitation on Enrollment: EMT course, within the last collegiate calendar year, passed with a grade of B or better, and successfully pass entrance examination. OR, If NREMT certification held for greater than one (1) year- proof of field experience and successful completion of entrance examination. NREMT 1 Certification (current), and maintained throughout coursework. Minimum 18 years of age. Live scan background clearance. Health screen clearance. BLS Healthcare Provider card (current) and maintained throughout the course. Based upon State and Federal Regulations, CA Title 22. This course introduces the student to the roles and responsibilities of the Paramedic within the EMS system, apply basic concepts of development, pathophysiology, pharmacology, patient assessment, medication administration, airway and ventilation concepts, the pulmonary, cardiac, neurological, and endocrine systems to be able to formulate a "field impression" of patient status. Students will fulfill 13.5 total lab hours per week by arrangement.

#### Online

42306	TTh	10:00a-02:15p	Melander, S	PSC-3
			Melander, S	Online

#### EMER-11 Paramedic I Lab

1.5 units:

Prerequisite: \*Required\* Take EMER-10

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Limitation on Enrollment: EMT course, within the last collegiate calendar year, passed with a grade of B or better, and successfully pass entrance examination. If NREMT certification held for greater than one (1) year- proof of field experience and successful completion of entrance examination. NREMT 1 Certification (current), and maintained throughout coursework. Minimum 18 years of age. Live scan background clearance. Health screen clearance. BLS Healthcare Provider card (current) and maintained throughout the course. Based upon State and Federal Regulations, CA Title 22. This course is the corequisite for Paramedic I and occurs in the skills lab or simulation lab. The student will practice and master skills that will allow the student to meet clinical performance objectives. Competency testing is the focus of this course and will include physical assessment, medication administration, IV skills, and airway maintenance including intubation. Students will fulfill 4.5 total lab hours per week by arrangement.

#### Merced Campus

41696	F	10:00a-03:15p	Melander, S	PSC-5
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### EMER-31 Paramedic Field Experience

9.0 units: 486.0 hours lab.

Prerequisite: \*Required\* Take EMER-10 and EMER-11 and EMER-20 and EMER-21; Minimum Grade C,P;

\*Required\* Take EMER-30

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Limitation on Enrollment: Health Screening Clearance. Current NREMT certification maintained throughout course. Current BLS Health Care Provider card maintained throughout course. Live Scan Clearance. Based upon State and Federal Regulations, CA Title 22. Description: This course is the final course in the paramedic series and occurs completely in the field under the direct supervision of a certified pre-arranged paramedic preceptor. It assists the student in developing and refining skills. A wide variety of client activities are taught, including: medical histories, physical examination, client management, triage, trauma care and supportive care of the sick or injured in a field setting. This course is part of a program of study to prepare paramedics as described in California Code of Regulations, Title 22, Division 9, Chapter 4 and lists the required hours and subjects to be covered as set forth by the Department of Transportation curriculum.

#### Merced Off-Campus

47261	-	Parker, K	
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### EMER-50A Emergency Medical Technician 1, Module A

2.5 units: 40.5 hours lec,

Prerequisite: \*Advised\* Take ALLH-67 is advised.

Limitation on Enrollment: Negative chest xray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare provider. This is the first of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians. Students will fulfill 0.75 total lab hours per week by arrangement.

#### Merced Campus

49601	TTh	05:30p-08:40p	Melander, S	PSC-5
	TTh	08:50p-10:00p	Melander, S	PSC-5

#### Los Banos Campus

79043	MW	05:30p-09:30p		LB-B-138
	F	05:30p-07:55p		LB-B-138

**EMER-50B Emergency Medical Technician 1, Module B**

4.5 units: 67.5 hours lec,

Prerequisite: \*Required\* Take EMER-50A. Minimum grade C,P.

\*Advised\* Previously taken ALLH-67 is advised.

Limitation on Enrollment: Neg. TB test before start of Module B for clinical rotations. Current CPR based on American Heart Association BLS Healthcare Provider. Must include Adult, Infant, Child CPR and AED. This is the second of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians. Students will fulfill 2.25 total lab hours per week by arrangement.

**Merced Campus**

49602	TTh	05:30p-07:30p	Melander, S	PSC-5
	TTh	07:30p-10:00p	Melander, S	PSC-5
	S	07:00a-04:25p	Melander, S	PSC-5
49603	TTh	09:30a-11:30a	Melander, S	PSC-5
	TTh	12:30p-03:00p	Melander, S	PSC-5
	S	07:00a-04:25p	Melander, S	PSC-5

**Los Banos Campus**

79045	MW	05:30p-08:40p	LB-B-138
	F	05:30p-09:45p	LB-B-138

**Engineering (ENGR)****ENGR-14 C++ Programming**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken CPSC-01 and ENGL-C1000 is advised.

This is the entry-level comprehensive concepts course for computer science majors, and is recommended for science and math majors. Algorithm design, logic diagrams, problem-solving, coding, and debugging are emphasized using a structured language such as C++.

**Merced Campus**

12702	-	Kanemoto, K	
	T	03:45p-05:10p	Kanemoto, K

B&amp;E-202

**ENGR-18 Electrical Circuits Analysis**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take PHYS-04B; Minimum grade C,P;

\*Required\* Take MATH-06 or MATH-09.

This course covers basic circuit analysis emphasizing resistive circuits, the natural and forced response of inductive and capacitive circuits, phasor analysis, and semiconductor elements. Lab involves the construction and measurement of circuits using power supplies, breadboards, multimeters, oscilloscopes, and function generators. C-ID ENGR 260 and ENGR260L.

**Merced Campus**

12706	-	Gargova, S	
	TTh	09:20a-10:45a	Gargova, S

AGIT-142

**ENGR-30 Introduction to Engineering**

2.0 units: 18.0 hours lec, 54.0 hours lab.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A). Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

The course explores the branches of engineering, the functions of an engineer, and the industries in which engineers work. Explains the engineering education pathways and explores effective strategies for students to reach their full academic potential. Presents an introduction to the

methods and tools of engineering problem solving and design including the interface of the engineer with society and engineering ethics. Develops communication skills pertinent to the engineering profession.

**Merced Campus**

12708	-	Gargova, S	
	Th	02:25p-05:30p	Gargova, S

SCI-105

**ENGR-45 Engineering Materials**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take CHEM-04A, MATH-04A, and PHYS-04A; Minimum grade C,P;

This course is an introduction to the atomic and microscopic structure of modern engineering materials. The effect of structure and manufacturing processes on the mechanical, electrical, and other physical properties of materials are studied. Metals, alloys, ceramics, polymers, and composites are explored.

**Merced Campus**

10105	TTh	12:35p-02:00p	Gargova, S	B&E-130
	T	02:25p-05:30p	Gargova, S	SCI-105

**English (ENGL)****ENGL-01B Introduction to Literature**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take ENGL-C1000 (formerly ENGL-01A). Minimum grade C,P;

This course introduces representative works from four major genres: short story, novel, drama, and poetry. Students develop analytical and evaluative reading and writing skills while acquiring an appreciation for the cultural context and the aesthetic qualities of literature. Students read texts from various countries and periods in order to encourage an appreciation of literature's range, artistry, and insight into the human experience.

**Online**

72109		Long, J	Online
72111		Nelson, K	Online
27408		Wilson, M	Online

**Merced Campus**

21027	MW	11:00a-12:25p	Smith, V	IAC-108
	MW	02:10p-03:35p		IAC-143

29002	TTh	09:20a-12:25p	Barba, M	LRC-202
This is a PUENTE section. Please contact Professor Mike Barba @ barba.m@mccd.edu for information.				

**Los Banos Campus**

74243	MW	09:20a-10:45a	Kludt, K	LB-B-135
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**ENGL-01C Critical Thinking Across The Curriculum**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take ENGL-C1000 (formerly ENGL-01A). Minimum grade C,P;

Develops critical thinking, reading, and writing skills as they apply to textual analysis of primary and secondary sources, essays, articles, and a book-length work from a range of academic and cultural contexts. Theme based. Emphasis on the techniques and principles of effective written argument in research-based writing across the disciplines.

**Online**

22038		Wilson, M	Online
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**ENGL-02 Oral Interpretation**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-01A is advised.

This course is designed to introduce students to performance studies through analysis, appreciation and application of interpretive performance of the various forms of literature: poetry, prose and drama.

**Merced Campus**

21210	TTh	12:35p-02:00p	Bonstein, J	B&E-102
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**ENGL-04B Introduction to World Literature: 1650 to Present**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and ENGL-01B is advised.

This course examines the origins and subsequent developments of world literatures and cultures from 1650 to the present through various literary genres and cultural traditions. Primary focus will fall on major works of certain periods and of geographic origins. Students will engage in comparative analysis and evaluation of the literary works as well as close study of the works in addition to the study of each text's merits.

**Merced Campus**

21037 MW 09:20a-10:45a Smith, V B&amp;E-103

**ENGL-07 Studies in Literature: Poetry**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and ENGL-01B is advised.

This course traces origins and developments of the poem as a major literary genre. Course includes an intensive study of the poetic process. Poems from ancient times to the present are analyzed in terms of form, idea, and language.

**Online**

22000 Zamora, J Online

**ENGL-11 American Literature from Post-Civil War to Present**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and ENGL-01B is advised.

This course is designed to introduce students to the history and variety of American literature from the end of the 1865 to the present. Representative works of major and influential authors are read as examples of various genres, literary movements, and historical eras.

**Merced Campus**

21038 TTh 12:35p-02:00p Epstein-Corbin, S LRC-202

**ENGL-12 Creative Writing**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and ENGL-01B is advised.

A course designed to provide experience in the writing of poetry, drama, fiction, and creative non-fiction and to aid the student in becoming aware of the craft of writing as described and/or demonstrated by professional writers. The class is conducted primarily as a workshop in which students read their works for constructive criticism.

**Online**22001  Truesdale, D Online**ENGL-95S Enhanced Academic Literacy**

2.0 units: 36.0 hours lec.

Prerequisite: \*Required\* Concurrent enrollment in ENGL-C1000 (formerly ENGL-01A).

This course is designed to provide supplemental instruction and support for students enrolled in a linked section of English 01A. Students will further develop academic skills in reading, writing, and researching. In addition, they will learn to address strategies for academic success and be able to utilize computerized technology necessary for a composition course.

**Online**22015 Mumford, J Online  
22017 Withers, M Online22019  Gonzalez, H Online**Merced Campus**21013  TTh 10:15a-11:10a Mumford, J LRC-201

21015	MW	02:45p-03:40p	Taber, J	B&E-203
21017	TTh	12:30p-01:25p	Taber, J	B&E-204
21019	TTh	02:45p-03:45p		B&E-204

**Los Banos Campus**

74215	MW	01:15p-02:10p	Nelson, K	LB-B-137
74229	 TTh	01:30p-02:25p	Long, J	LB-B-137

**ENGL-C1000 Academic Reading and Writing**

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Previously taken LRNR-30 is advised. Begins Fall 2025. Effective Fall 2025, ENGL-C1000 replaces ENGL-01A. In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research. Students also receive instruction in reading processes, information literacy, and disciplinary documentation practices.

**Online**

22002		Baker, W	Online
22003		Baker, W	Online
22004		Flatt, S	Online
22005		Flatt, S	Online
22006		Epstein-Corbin, S	Online
22007		Brown, G	Online
22008		Truesdale, D	Online
22009		Epstein-Corbin, S	Online
22010		Zamora, J	Online
22011		Zamora, J	Online
22012		Rocha, M	Online
22013		Rocha, M	Online
22014		Mumford, J	Online
22016		Withers, M	Online
22018		Gonzalez, H	Online
22027		Smith, V	Online
22028			Online
22029			Online
22030			Online
22031			Online
22032			Online
22033			Online
22034			Online
22035			Online
22036			Online
22037			Online
22800			Online
22801			Online
72845		Sylva, A	Online

**Merced Campus**

21000	MW	08:00a-10:00a	Taber, J	IAC-123
21001	TTh	08:00a-10:00a	Flatt, S	IAC-123
21002	MW	10:15a-12:15p	Kinsey, E	IAC-123
21003	TTh	10:15a-12:15p	Flatt, S	IAC-123
21004	TTh	12:30p-02:30p	Zamora, J	IAC-144
21005	MW	12:30p-02:30p	Withers, M	IAC-123
21006		08:00a-10:00a	Truesdale, D	IAC-124
21007	TTh	08:00a-10:00a		IAC-124
21008	MW	10:15a-12:15p		IAC-124
21009		10:15a-12:15p	Epstein-Corbin, S	IAC-124
21010		12:30p-02:30p	Truesdale, D	IAC-124
21011	TTh	12:30p-02:30p	Baker, W	IAC-124

21012	TTh	08:00a-10:00a	Mumford, J	LRC-201
21014	MW	12:30p-02:30p	Taber, J	B&E-203
21016	TTh	10:15a-12:15p	Taber, J	B&E-204
21018	TTh	12:30p-02:35p		B&E-204
21020	MW	08:00a-10:00a	Koepnick, S	IAC-127
21021	MW	10:15a-12:15p	Koepnick, S	IAC-127
21022	MW	12:30p-02:30p	Brown, G	IAC-127
21023	TTh	10:15a-12:15p	Gonzalez, H	IAC-127
21024	TTh	08:00a-10:00a		IAC-127
21025	TTh	12:30p-02:30p	Gonzalez, H	IAC-127
21026	MW	02:45p-04:45p		IAC-127
21040	TTh	11:00a-12:25p		B&E-103
22700	MW	07:45a-09:10a	Gonzalez, H	B&E-102
	MW	07:45a-09:10a	Gonzalez, H	IAC-142
22701	TTh	07:45a-09:10a	Koepnick, S	B&E-102
22702	MW	09:20a-10:45a		B&E-102
22703	TTh	09:20a-10:45a	Daughdrill, J	B&E-102
22704	MW	11:00a-12:25p		B&E-102
22705	TTh	11:00a-12:25p	Koepnick, S	B&E-102
22707	MW	11:00a-12:25p	Diaz, K	ART-2
26000	M	05:30p-07:30p	Brown, G	IAC-124
26001	T	05:30p-07:30p	Brown, G	IAC-124
29000	MTW	09:00a-11:00a		
29001	TWTh	01:00p-03:00p		

**Los Banos Campus**

74211	MW	12:30p-02:30p	Sylva, A	LB-B-136
74213	MW	11:00a-01:00p	Nelson, K	LB-B-137
74217	MW	02:45p-04:45p	Nelson, K	LB-B-137
74219	TTh	12:30p-02:30p	Sylva, A	LB-B-136
74221	TTh	08:00a-10:00a	Long, J	LB-B-137
74223	TTh	10:15a-12:15p	Long, J	LB-B-137
74227	TTh	02:45p-04:45p	Long, J	LB-B-137

**ENGL-C1001 Critical Thinking and Writing**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken ENGL-C1000 (formerly ENGL-01A) and passed with a minimum grade of C.

Begins Fall 2025. Effective Fall 2025, ENGL-C1001 replaces ENGL/PHIL-13 In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction texts, refining writing skills and research strategies developed in ENGL C1000 College Reading and Writing (C-ID ENGL 100) or similar first-year college writing course. Readings feature mostly non-fictional essays and books that reflect diverse cultural perspectives on a variety of contemporary issues, such as those involving race, ethnicity, and gender.

**Online**

22021				Online
22022		Mumford, J		Online
22023		Diaz, K		Online
22024				Online
22025				Online
22802				Online
22803				Online
72113		Flanagan, J		Online
72115		Flanagan, J		Online
72117		Flanagan, J		Online
72119		Kludt, K		Online
72121		Nelson, K		Online

**Merced Campus**

21029	MW	07:45a-09:10a	Rocha, M	IAC-143
21030	TTh	09:20a-10:45a	Withers, M	IAC-109
21031	TTh	11:00a-12:25p	Withers, M	IAC-108
21032	TTh	12:35p-02:00p	Winters, A	IAC-109

21033	MW	11:00a-12:25p	Winters, A	IAC-109
21034	MW	11:00a-12:25p	Zamora, J	B&E-103
21035	MW	02:10p-03:35p	Barba, M	IAC-109
21036	TTh	11:00a-12:25p	Diaz, K	ART-2
21041	MW	12:35p-02:00p	Barnes, L	B&E-103
21042	MW	09:20a-10:45a	Barnes, L	IAC-143

29003		TTh	09:20a-12:25p	Barba, M	LRC-202
This is a PUENTE section. Please contact Professor Mike Barba @ barba.m@mccd.edu for information.					

**Los Banos Campus**

74261	MW	11:00a-12:25p	Sylva, A	LB-B-136
74265	TTh	12:30p-02:00p	Taylor, O	LB-B-110

**ENGL-C1001H Critical Thinking and Writing Honors**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take ENGL-C1000 (formerly ENGL-01A)

Minimum grade C.P.

Begins Fall 2025. Effective Fall 2025, ENGL-C1001H replaces ENGL-13H In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction texts, refining writing skills and research strategies developed in ENGL C1000 College Reading and Writing (C-ID ENGL 100) or similar first-year college writing course. This is an honors course. Readings feature mostly non-fictional essays and books that reflect diverse cultural perspectives on a variety of contemporary issues, such as those involving race, ethnicity, and gender. This honors course is more rigorous than the non-honors version.

**Online**

22020			Epstein-Corbin, S	Online
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**English - Non-Credit (ENG)****ENG-123 Adult Literacy Level 2**

0.0 units: 81.0 hours lec.

In Adult Literacy Level 2, students will read level-appropriate text (400-499 Lexile) with accuracy, at an appropriate fluency rate; write opinion pieces or simple informative text; become familiar with the use of print and digital search tools; and be introduced to guided research.

**Los Banos Campus**

75065	MW	05:00p-07:00p	Cates, K	LB-A-119
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**ENG-124 Adult Literacy Level 3**

0.0 units: 81.0 hours lec.

In Adult Literacy Level 3, students will read level-appropriate text (500-690 Lexile) with accuracy, at an appropriate fluency rate; write guided assignments based on a variety of prompts that attempt to organize, compose, revise, and edit; use print and digital search tools to locate information relevant to a topic; and participate in guided research at the appropriate level.

**Los Banos Campus**

75067	MW	05:00p-07:00p	Cates, K	LB-A-119
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**ENG-125 Adult Literacy Level 4**

0.0 units: 81.0 hours lec.

In Adult Literacy Level 4, students will read level-appropriate text (700-1090 Lexile) with accuracy, at an appropriate fluency rate; write opinion pieces, supporting a logically ordered point of view with facts and reasons based upon source material; use print and digital search tools to locate information relevant to a topic to broaden an understanding of the topic; and participate in guided research at the appropriate level.

**Los Banos Campus**

75069	MW	05:00p-07:00p	Cates, K	LB-A-119
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**ENG-801 Beginning ESL Skills**

0.0 units: .

This course is for preliterate and nonliterate ESL students who have no, or very few, English language skills. Emphasis of the course is on aural/oral skills and visual reinforcement. Course duration is 204 - 288 hours.



**Online**

95126	TTH	06:00p-08:50p	Ramos-Avalos, S	Online
<b>Merced Campus</b>				
95122	MW	06:00p-08:30p	Ramos-Avalos, S	B&E-101

**Los Banos Campus**

75041	MTWTh	09:00a-12:00p	Hall, Z	LB-A-103
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**ENG-802 Advanced-Beginning ESL Skills**

0.0 units: .

This course is for preliterate and nonliterate ESL students who have minimal English language skills. Emphasis in this course is on aural and oral skills with visual reinforcement. The student will be introduced to reading, writing and math skills. Course duration is 204 - 288 hours.

**Online**

95127	TTh	06:00p-08:30p	Ramos-Avalos, S	Online
<b>Merced Campus</b>				
95123	MW	06:00p-08:30p	Ramos-Avalos, S	B&E-101

**Los Banos Campus**

75043	MTWTh	09:00a-12:00p	Hall, Z	LB-A-103
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**ENG-813 Low-Intermediate ESL Skills**

0.0 units: .

This course is designed for low-intermediate level students who need more practice with English skills. This course includes practice in listening, speaking, reading, and writing. Course duration is 204 - 288 hours.

**Online**

95128	TTh	06:00p-08:30p	Ramos-Avalos, S	Online
<b>Merced Campus</b>				
95124	MW	06:00p-08:30p	Ramos-Avalos, S	B&E-101

**Los Banos Campus**

75045	MTWTh	09:00a-12:00p	Okuye, S	LB-A-105
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**ENG-815 Intermediate ESL Skills**

0.0 units: .

This course is for intermediate level students who have learned basic survival skills, but who need instruction that will lead to a relatively sophisticated level of discourse of issues and ideas that reach beyond basic survival. This course will prepare students to take credit courses at Merced College. This course includes practice in listening, speaking, reading, and writing. Course duration is 204 - 288 hours.

**Online**

95129	TTh	06:00p-08:30p	Ramos-Avalos, S	Online
<b>Merced Campus</b>				
95125	MW	06:00p-08:30p	Ramos-Avalos, S	B&E-101

**Los Banos Campus**

75047	MTWTh	09:00a-12:00p	Okuye, S	LB-A-105
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**ENG-820 ESL Workforce Training for Adults**

0.0 units: 72.0 hours lec.

This 72-hour course provides intensive language acquisition skills that prepare non-native English speakers to enter the workforce. The focus is on building communication skills and listening strategies that are necessary to succeed at entry-level positions in a variety of job settings. Students will practice conversation skills while learning about the culture of work, follow oral instructions, and learn to meet employment expectations.

**Los Banos Campus**

75099	M	12:00p-02:00p	Okuye, S	LB-A-105
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**ENG-822 Foundations in Academic Literacy I for Non-Native Speakers**

0.0 units: 90.0 hours lec.

This course is intended for ESL students. This course focuses on effective critical reading and thinking skills, research strategies, scholarly composition with proper documentation, and advanced editing skills. Students compose a range of academic writing informed by assigned readings,

discussion, and/or research using primarily non-fiction source material.

**Merced Campus**

95112	MW	12:35p-02:00p	Diaz, K	ART-2
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**English As A Second Language (ESL) ESL-40 Foundations in Academic Literacy I For Non-Native Speakers**

5.0 units: 90.0 hours lec.

This course is intended for ESL students. This course focuses on effective critical reading and thinking skills, research strategies, scholarly composition with proper documentation, and advanced editing skills. Students compose a range of academic writing informed by assigned readings, discussion, and/or research using primarily non-fiction source material.

**Merced Campus**

22706	MW	12:35p-02:00p	Diaz, K	ART-2
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**Ethnic Studies (ETHN)****ETHN-01 Introduction to Ethnic Studies**

3.0 units: 54.0 hours lec.

This course provides an introduction to the key concepts, theories, methodologies, and topics in the field of Ethnic Studies. It examines the socioeconomic, historical, cultural, and political conditions shaping the lived experiences and social struggles of Native American, African American, Asian American, and Chicana/Latinx communities in the United States, with an emphasis on self-determination, agency, and anti-racist and anti-colonial movements to build a more just and equitable society.

**Online**

52041		Wu, A	Online
52042		Wu, A	Online
52155		Easley, K	Online

**Merced Campus**

51035	TTh	12:35p-02:00p	Easley, K	B&E-125
51036	TTh	11:00a-12:25p	Easley, K	B&E-125

**ETHN-05 Race, Ethnicity, and Inequality**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course examines the cultural, political, and economic practices and institutions leading to racial and ethnic oppression in the United States, highlighting the agency and resistance of historically marginalized groups. It presents an overview of historical and contemporary patterns of interaction between various racial and ethnic groups through an intersectional and anti-racist perspective.

**Online**

52044		Shaw, M	Online
72259		Coahran, S	Online

**Merced Campus**

51040	TTh	07:45a-09:10a	Mirfakhraie, R	AHC-129
51043	MW	11:00a-12:25p	Easley, K	B&E-125
51044	MW	09:20a-10:45a	Easley, K	B&E-220

**ETHN-12 Ethnic Studies for Educators**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Prepares students to utilize the concepts and methods of Ethnic Studies in teaching and pedagogical practice in TK-12 education. Discusses the role of intersectionality identity, and collective struggle in educational institutions, focusing on Native American, African American, Asian American and Latina and Latino American communities. Covers the historical inequalities reproduced within education and schools, the knowledge produced by these communities and the strategies used for resistance and liberation.

**Online**

52045		Garcia - Gonzalez, A	Online
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**Merced Campus**

51042 MW 12:35p-02:00p Garcia - Gonzalez, A B&amp;E-220

**ETHN-15 Ethnicity and Culture**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Ethnicity and Culture examines the legacy of racial and ethnic inequalities in the United States, the sources of resistance and transformation, and the contemporary impacts of these changes on society. This course spans from past to present, from politics to social reform, allowing students to identify similar social patterns underlying the dynamics of discrimination by focusing on the experiences of African Americans, Asian Americans, Latinx Americans, and Native Americans.

**Merced Campus**

51131 TTh 09:20a-10:45a Barnes, L B&amp;E-125

**ETHN-20 History of Asian Americans**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

**Online**

52018	Hoyt, A	Online
52188	Lorenz, M	Online
52805	Hoyt, A	Online

**Merced Campus**

51046 MW 09:20a-10:45a Fong, A B&amp;E-125

**Los Banos Campus**

74349 MW 09:20a-10:45a Fong, A LB-A-119

**ETHN-23 Chicana/O American History and Culture**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This interdisciplinary course examines the social, political, and cultural roots of Chicana/os, tracing history from their Indigenous, African, and Spanish beginnings to the present. It analyzes race, ethnicity, and culture, in relation to Chicana/o communities and their social justice movements and struggles. The course provides a basis for a better understanding of the socio-economic, cultural, and political conditions among Chicana/os through historical consideration of the creation and development of Ethnic Studies programs in the United States. Special emphasis is also placed on the contributions of Chicana/o scholars, artists, and activists by using an intersectional decolonial lens to explore the effects of (neo)colonialism, imperialism, white supremacy, Eurocentrism, and racism.

**Merced Campus**

51039 MW 11:00a-12:25p Garcia - Gonzalez, A B&amp;E-220

**Los Banos Campus**

74353 TTh 02:10p-03:35p Mendez, J LB-B-107

**Fire Technology (FIRE)****FIRE-30 Fire Protection Organization**

3.0 units: 54.0 hours lec.

This course provides an introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; and introduction to fire strategy

and tactics.

**Online**

42310 Roe, D Online

**FIRE-34 Building Construction for Fire Protection**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* take fire-30; minimum grade c, p;

This course is the study of components of building construction that relate to fire safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at fires. The development and evolution of building and fire codes will be studied in relationship to past fires in residential, commercial, and industrial occupancies.

**Online**

42312 Giotta, A Online

**FIRE-63A Basic Firefighter I, Academy A**

8.0 units: 126.0 hours lec, 54.0 hours lab.

Prerequisite: \*Required\* Previously taken FIRE-30 ---OR--- Existing Paid Call (Volunteer) Firefighter

Limitation on Enrollment: Physician's clearance for strenuous activity. This course provides manipulative and technical training in basic concepts of fire department organization, miscellaneous equipment and tools, fire behavior and extinguishment theory, fire fighter safety, self-contained breathing apparatus, and portable fire extinguishers. The course also provides training in ropes, knots, hitches, hoses, nozzles, appliances, ground ladders, forcible entry, and confined space rescue. Students must supply instructor-approved personal protective equipment (required instructional material). Students will fulfill 3 total lab hours per week by arrangement.

**Merced Campus**

49604	MTWThF	08:00a-09:40a	Roe, D	PSC-2
	MTWThF	10:00a-04:30p	Roe, D	PSC-2

**FIRE-63B Basic Firefighter I, Academy B**

8.0 units: 126.0 hours lec,

Prerequisite: \*Required\* Take FIRE-63A Minimum grade C,P; Limitation on Enrollment: Physician's clearance for strenuous activity. This course provides manipulative and technical training in basic concepts of ventilation, fire control, salvage and overhaul operations, fire protection water systems, fire protection systems, fire prevention and investigation, communications, vehicle extrication, wildland fire fighting, urban interface, and hazardous materials. Students will fulfill 3 total lab hours per week by arrangement.

**Merced Campus**

49605	MTWThF	08:00a-09:40a	Roe, D	PSC-2
	MTWThF	10:00a-03:00p	Roe, D	PSC-2

**French (FREN)****FREN-01 Elementary French I**

5.0 units: 90.0 hours lec.

This is a beginner's course. The course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in French the most basic functions of everyday life. This course is not recommended for native speakers.

**Online**

22206		Ly, C	Online
22208		Rida, A	Online
21303	TTh	02:00p-04:30p	Rida, A

**FREN-03 Intermediate French I**

5.0 units: 90.0 hours lec.

Prerequisite: \*Required\* Previously taken FREN-02 or two years of high school french and passed with a minimum grade of C or received an equivalent.

\*Advised\* Previously taken LRNR-30 is advised.



FREN-03 is a continuation of FREN-02. This course reviews and further develops grammatical concepts introduced in FREN 01 and FREN 02, as well as introduces the student to new concepts. Through varied readings, composition, and discussion, the student will increase with his or her vocabulary and cultural knowledge.

**Online**  
22209 Rida, A Online

### G.E.D. - Non-Credit (GED)

#### GED-101 Basic Skills Development and Ged Preparation

0.0 units: .  
This 204-288 hours course is designed to build the basic academic skills of adult learners in the areas of reading comprehension, language and evidence-based writing, mathematical reasoning, life, physical, and earth sciences, and social science. Special emphasis is placed on analytical reading skills, problem solving, and test preparation. The content of this course is reflective all new modifications to the GED exam. Subject matter included are the areas covered by the GED exam such as science, social studies, literature, mathematics and writing.

**Los Banos Campus**  
75071 MTWTh 08:00a-11:00a Deeming, K LB-B-112

### Geography (GEOG)

#### GEOG-01 Physical Geography

3.0 units: 54.0 hours lec.  
Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.  
This course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

**Online**  
52005 Chambers, D Online  
51047 MW 09:20a-10:45a Chambers, D IAC-106  
74305 MW 03:45p-05:10p Brown, M LB-B-107

#### GEOG-02 World Geography

3.0 units: 54.0 hours lec.  
Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.  
Survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions.

**Online**  
52006 Chambers, D Online  
**Merced Campus**  
51048 TTh 12:35p-02:00p Chambers, D

#### GEOG-15 Introduction to Weather and Climate

3.0 units: 54.0 hours lec.  
Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.  
Introduction to the Earth's atmosphere: topics include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, cyclones, weather forecasting, climate and climate change.

**Merced Campus**  
51049 MW 11:00a-12:25p Chambers, D

### Geology (GEOL)

### GEOL-01 Physical Geology

4.0 units: 54.0 hours lec,  
Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) ---AND--- Previously taken MATH-C MATH-61 or MATH-62 is advised.

This is a beginning course in geology stressing the beneficial and destructive forces of nature and their causes. The course includes a study of the development of landscapes, origin of minerals and rocks, geologic work of ground water, the phenomena of earthquakes, volcanism, metamorphism and other fundamental concepts of geology. Lab work includes the identification and study of rocks and minerals, study of topographic and geologic maps and aerial photographs, and introduction to cross section and profiles of topographic maps. A field trip is required for this class.

**Merced Campus**

12782 - Davies, R  
M 02:25p-05:40p Davies, R SCI-105

### GEOL-02 Historical Geology

4.0 units: 54.0 hours lec,  
Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and GEOL-01 is advised.

This course covers the geological history of the earth and the development of plant and animal life as traced through the rock and fossil records. The correlation between geologic changes through time, the uses of the fossil record in determining geologic history, and the formation of economic mineral deposits is emphasized throughout the course. A field trip is required for this course.

**Merced Campus**

12783 - Davies, R  
T 11:10a-02:15p Davies, R SCI-105

### GEOL-03 Earth Science

4.0 units: 54.0 hours lec, 54.0 hours lab.  
Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

An introduction to the essentials of Earth Science including the geosphere, atmosphere, hydrosphere, and solar system. This course focuses on the interactions between physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather and climate. This course is designed to meet the content requirement for earth and space science for the Liberal Studies - Elementary Teaching preparation pathway.

**Merced Campus**

10351 MW 09:20a-10:45a Davies, R SCI-203  
M 11:00a-02:15p Davies, R SCI-105  
10352 MW 09:20a-10:45a Davies, R SCI-203  
W 11:10a-02:15p Davies, R SCI-105

### German (GERN)

#### GERN-01 Elementary German I

4.0 units: 72.0 hours lec.

This is a beginner's course. The course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in German the most basic functions of everyday life.

**Online**

22202 Weingand, K Online

#### GERN-02 Elementary German II

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Previously taken GERN-01 or two years of high school German and passed with a minimum grade of C or received an equivalent.

GERN-02 is the continuation of GERN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency.

Students will learn how to express in German basic functions of everyday life.

**Online**

22203 Weingand, K Online

**GERN-03 Intermediate German I**

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Previously taken GERN-02 and passed with a minimum grade of C or received an equivalent.

\*Advised\* Previously taken LRNR-30 is advised.

GERN 03 is a continuation of GERN 02. This course reviews and further develops grammatical concepts introduced in GERN 01 and GERN 02, as well as introduces the student to new concepts. Through varied readings, composition, and discussion, the student will increase his or her vocabulary and cultural knowledge.

**Online**

22204 Weingand, K Online

**GERN-04 Intermediate German II**

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Previously taken GERN-03 and passed with a minimum grade of C or received an equivalent.

\*Advised\* Previously taken LRNR-30 is advised.

This course is a thorough review of the fundamentals of reading, writing, speaking and understanding German, designed to aid the student in preparing for advanced studies in German composition, grammar, and conversation, as well as literature in German, history and culture.

**Online**

22205 Weingand, K Online

**Guidance (GUID)****GUID-30 Foundations and Strategies For College Success**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking. The course focuses on the following topics: life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, lifestyle choices affecting health maintenance, stress management, campus resources, learning styles and strategies, and study skills. This course is recommended for all new students.

**Online**

72133 Fuentes, F Online  
 72135 Serrano-Campos, T Online  
 82007 Duran, A Online  
 82009 Benitez, P Online  
 82719 W Xiong, I B&E-101 01:00p-02:15p

**GUID-48 Life and Career Planning**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This is a structured sequential course in life and career planning. Experiences are provided that encompass education, occupation, and job trends. The total individual is explored; issues such as life roles, values, goals, life styles, preferences, coping skills, and personal barriers as they relate to decisions will be covered.

**Online**

 82031 Maples, I Online  
**Merced Campus**

81035 MW 11:00a-12:25p Ruiz, C AGIT-129

**GUID-54 Foundations and Strategies for Academic Recovery**

3.0 units: 54.0 hours lec.

This course is appropriate for students wishing to improve their academic standing. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal. Academic policies will be addressed and strategies to get off and stay off probation, such as, informed decision-making, problem solving, classroom behavior, and behavior modification will also be studied. This course is recommended for all students on academic and/or progress probation.

**Online**

 82045 Vang, N Online  
 82046 Cambridge, I Online  
 82846 Molina, M Online  
 82847 Frias, S Online  
 82848 Hang, L Online

**Health (HLTH)****HLTH-10 Personal Health and Wellness**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised

This course will require students to explore, analyze, personalize, and discuss the following issues as they relate to the essential components of health and wellness: nutrition, physical activity/exercise/fitness, weight control, eating disorders and body image, media influences, mental health, stress, violence, substance use/abuse, sexuality and sexual orientation, sexually transmitted infections, reproductive choices/contraception, relationships, disease prevention, environment, health care, aging, and general public health issues. Students will be taught the knowledge and skills necessary to implement lifestyle behaviors that can improve their health and well-being.

**Online**

02106 Online  
 02107 Online  
 02802 Online  
 02700 W 11:00a-12:25p GYM-2  
 M 11:00a-12:25p GYM-2

**HLTH-15 Drugs, Health, and Society**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course explains concepts and theories relating to the epidemiology and toxicology of substance use, misuse, abuse, and dependence, and the impact on personal, community and societal health. The biological/physiological, neurological, and psychological short and long-term effects of selected pharmacological substances on the human brain and body are explored, including an analysis of risk factors associated with abuse and dependence. Historical, political, social, socioeconomic, and legal factors involved in the practice, marketing, distribution, and government regulations of legal and illegal drugs will be covered. An overview of contemporary methods used in prevention, diagnosis and treatment will be reviewed, including an analysis of effective evidence-based strategies and local recovery resources.

**Online**

02108 Online

**History (HIST)****HIST-03A History of Western Civilization, Part 1**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly



ENGL-01A) is advised. This course provides a broad historical survey of humanity's social, political, economic, and intellectual experiences for Western Civilization from prehistory to 1650.

**Merced Campus**

51050 TTh 09:20a-10:45a Driskill, D B&E-221

**HIST-04A World History Part 1**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course provides a broad historical survey of humanity's social, political, economic, and intellectual experiences for all major world civilizations from pre-history through at least 1500.

**Online**

52046 Jackson, M Online  
52812 Wheeler, J Online

**Merced Campus**

51051 TTh 12:35p-02:00p Fong, A IAC-120

**Los Banos Campus**

74335 TTh 12:35p-02:00p Fong, A LB-A-119

**HIST-04B World History Part 2**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course provides a broad historical survey of humanity's social political, economic, and intellectual experiences for all major world civilizations from approximately the 16th century to the present.

**Online**

52024 Hampton, C Online

**Merced Campus**

51053 MW 11:00a-12:25p Lorenz, M B&E-124

**HIST-09A China: Introduction to East Asian Civilization**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and PHIL-10 is advised.

This course provides a broad historical survey of China, the Far East's oldest civilization, from prehistoric times to the present with emphasis on China's cultural achievements and contributions to both Eastern and Western civilizations.

**Merced Campus**

51059 TTh 11:00a-12:25p Fong, A IAC-120

**HIST-17A United States History and United States Constitution**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This is an extensive survey course of United States history from the period of exploration to the Reconstruction Period. The course covers the social, political, economic, and constitutional development of the nation. Course will emphasize the development of critical and historical thinking skills.

**Online**

52047 Lorenz, M Online  
52048 Eigen, K Online  
52049 Nystrom, E Online  
52050 Wheeler, J Online  
52051 Wheeler, J Online  
52052 Willison, W Online  
52807 Purcell, C Online  
57304 Lorenz, M Online  
72141 Cook, J Online  
72857 Cook, J Online

**Merced Campus**

51052 MW 02:10p-03:35p Fong, A IAC-146  
51055 TTh 09:20a-10:45a Lorenz, M IAC-106  
51057 MW 11:00a-12:25p Purcell, C IAC-146

**Los Banos Campus**

74345 MW 02:10p-03:35p McNally, T LB-B-107

**HIST-17B United States History and California State and Local Government**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a continuation of HIST-17A from the end of the Reconstruction Period in 1877 to the present. It examines national, state, and local history from the late 19th century to the present. The course covers the social, political, economic, and constitutional development of the nation.

**Online**

52053 Melo, F Online  
52054 Nystrom, E Online  
52055 Nystrom, E Online  
52806 Driskill, D Online  
52819 Jackson, M Online  
72147 Cook, J Online  
72859 Mendez, J Online

**Merced Campus**

51060 TTh 09:20a-10:45a Hoyt, A B&E-217  
51061 TTh 11:00a-12:25p Hoyt, A B&E-217  
51062 MW 12:35p-02:00p Lorenz, M IAC-106  
51063 MW 09:20a-10:45a Lorenz, M B&E-124  
51064 TTh 11:00a-12:25p Purcell, C IAC-145

**Los Banos Campus**

74347 TTh 12:35p-02:00p Mendez, J LB-B-107

**HIST-17BH Honors United States History and California State and Local Government**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and ENGL-C1001 (formerly ENGL-13, PHIL-13) or ENGL-C1001H (formerly ENGL-13H, PHIL-13) is advised.

Limitation on Enrollment: Enrollment in the Honors Program. (See the College Catalog for a description of enrollment requirements). This course examines our national, state, and local history and government from the late 19th century to the present. There will be an emphasis on academic rigor, analytical research, writing, critical thinking, and collaborative learning.

**Merced Campus**

51068 MW 12:35p-02:00p Lorenz, M IAC-106

**HIST-20 History of Asian Americans**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

**Online**

52017 Hoyt, A Online  
52187 Lorenz, M Online  
52804 Hoyt, A Online

**Merced Campus**

51070 MW 09:20a-10:45a Fong, A B&E-125

**Los Banos Campus**

74351 MW 09:20a-10:45a Fong, A LB-A-119

**HIST-22 History of African Americans**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a social, cultural, political, and intellectual history of the African American experience in America. This survey course examines the African American experience through the dual lens of ethnic studies and historical perspectives-combining both to provide a deep range of views into the complex interaction of Black Americans in the American context.

**Online**

52056 Jackson, M Online

**HIST-23 Chicana/O American History and Culture in the Southwest US**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This interdisciplinary course examines the social, political, and cultural roots of Chicana/os, tracing history from their Indigenous, African, and Spanish beginnings to the present. It analyzes race, ethnicity, and culture, in relation to Chicana/o communities and their social justice movements and struggles. The course provides a basis for a better understanding of the socio-economic, cultural, and political conditions among Chicana/os through historical consideration of the creation and development of Ethnic Studies programs in the United States. Special emphasis is also placed on the contributions of Chicana/o scholars, artists, and activists by using an intersectional decolonial lens to explore the effects of (neo)colonialism, imperialism, white supremacy, Eurocentrism, and racism.

**Merced Campus**

51069 MW 11:00a-12:25p Garcia - Gonzalez, A B&amp;E-220

**Los Banos Campus**

74355 TTh 02:10p-03:35p Mendez, J LB-B-107

**HIST-29 History of California**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a survey of the early history of California through to the present, starting with the original peoples of California, the discovery and settlement of the area by the Spanish, the Mexican period, American conquest and occupation, and the gold rush. The course also examines topics including the economic, social, cultural, and political consequences of railroad expansion, and early twentieth-century urbanization. It also includes the impact of the Great Depression and World War II, water projects, protest and reform movements of the 1960's, the rise of conservatism and recent political trends.

**Online**

52811 Hampton, C Online

**Merced Campus**

51071 MW 09:20a-10:45a Hoyt, A IAC-145

**History - Non-Credit (HST)****HST-900 American Citizenship**

0.0 units:

This course is best suited for non-U.S. citizens. It will provide non-U.S. citizens with a study of the federal and state system of government and the U.S. Constitution, preparing them for the naturalization citizenship interview with United States Citizenship and Immigration Services (US-CIS). The course will include civil rights, voting, historical development of the U.S., types of government, the electoral process, political parties, the executive, legislative, and judicial branches of government, and the relationship between the state and federal systems of government. The student can practice reading, writing, speaking, listening, and pronunciation in English.

tion in English.

**Los Banos Campus**

75077 TTh 05:00p-07:00p McNally, T

LB-A-119

**Hmong (HMNG)****HMNG-01 Elementary Hmong I**

5.0 units: 90.0 hours lec.

This course is a beginner's course. It focuses on the study of the fundamentals of pronunciation, audio-lingual training, and phonology; syllabification; appreciation of basic elements of the Hmong culture, with primary emphasis on communicative competency. Students will learn how to express in Hmong the most basic functions of everyday life.

**Online**

22207 Ly, C Online

**Honors (HNRS)****HNRS-40D Honors Seminar: The Philosophy of Sex and Love**

2.0 units: 36.0 hours lec.

Limitation on Enrollment: Enrollment in the Honors Program. This course will focus on the in-depth discussion and analysis of religious and philosophical theories pertaining to sex and love.

**Merced Campus**

21406 W 01:00p-03:05p Alvarez, J

IAC-108

**Human Services (HMSV)****HMSV-20 Social Welfare and Social Work**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

A practical and general study of theoretical concepts and institutional frameworks that guide social welfare policy and practice. This course provides an overview of the social work profession and the social welfare system within which it operates, including federal, state, and county organizations. Students will also review employment opportunities and requirements in social welfare.

**Merced Campus**

56007 Th 05:40p-08:45p Richardson, C

IAC-145

**HMSV-21 Human Behavior and the Helping Process**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course examines the history and philosophies of human services; identifies what constitutes genuine and empathetic relationships; analyzes the role of conflict in individual and societal systems; demonstrates a broad range of relevant communication skills and strategies, and assists students in designing integrated services using innovative practices in diverse settings. The course includes components on personality development; social and political influences that shape interactive behavior, and guidelines for identifying normal and exceptional behavior, as well as, practical ways of helping people who have problems in living.

**Merced Campus**

51074 TTh 11:00a-12:25p Prado-Robledo, S

ART-1

**HMSV-22 Survey of Community Services**

3.0 units:

This course is designed to introduce students who are seeking careers in Human Services to community resources that facilitate the helping process. Students will become acquainted with various agencies, organizations (profit & nonprofit), and institutions that offer promotion, prevention, treatment, and rehabilitation within the community. Other components of this course address the importance of advocating for community empowerment, participation, and change. Students will also begin the process of gaining a sense of self in relationship to community, and develop an understanding of social dynamics as they relate to power structures.

**Merced Campus**

51173 TTh 09:20a-10:45a Prado-Robledo, S ART-1

**HMSV-24 Work Experience in Human Services**

1.0 units: .

This course enables students to earn college credit for learning or improving skills and/or knowledge on-the-job. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in human services before enrolling in the course.

**Los Banos Campus**

73021 -

73023 -

73025 -

73027 -

**Online**

53001	Richardson, C	Online
53002	Richardson, C	Online
53003	Richardson, C	Online
53004	Richardson, C	Online

**HMSV-44 Leadership and Counseling in Groups**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the dynamics of group counseling. The group will study itself (under supervision) and learn various leadership skills. The factors involved in problems of communication, effective emotional responses and personal growth will be highlighted.

**Merced Campus**

56008 T 05:40p-08:45p Richardson, C IAC-145

**Humanities (HUM)****HUM-02 Studies in Humanities: Renaissance to Present**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

The principal aims of this course are to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine the continuities of human endeavors through fine arts, literatures, philosophies, religions, and the sciences, with an integration of certain non-Western cultures.

**Online**

22302 Winters, A Online

**HUM-02H Honors Studies in Humanities: Renaissance to Present**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western. There will be an emphasis on collaborative learning, research, and writing.

**Online**

22303 Winters, A Online

**HUM-15 Ethnicity and Culture**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Ethnicity and Culture examines the legacy of racial and ethnic inequalities in the United States, the sources of resistance and transformation, and the contemporary impacts of these changes on society. This is an interdisciplinary course that surveys and facilitates meaningful conversations

about specific disadvantaged groups and encourages active engagement in overcoming the social struggles of these historically disadvantaged groups in the United States. It focuses on the experiences of Native Americans, African Americans, Latinx Americans, and Asian Americans, spanning from past to present, from politics to social reform, allowing students to identify similar patterns underlying the dynamics of discrimination.

**Merced Campus**

21404 TTh 09:20a-10:45a Barnes, L B&amp;E-125

**HUM-21 Humanities and Film**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the humanities through the study of film. Film criticism will be combined with the analysis of philosophical, literary, and/or artistic themes. Feature-length films will be screened.

**Merced Campus**21405 MW 11:00a-12:00p Barba, M ART-1  
MW 12:10p-01:35p Barba, M ART-1**Industrial Technology (INDT)****INDT-25 Fluid Power**

3.0 units: 36.0 hours lec,

This course covers the operational theory and practical applications of hydraulics, pneumatics and vacuum components and systems. This includes adjustment, service, and functional operation of pumps, controls, transmission systems, actuators and fluidics. The design and application of fluidic systems as they relate to industrial machinery will be covered together with systematic methods of trouble shooting.

**Merced Campus**36225 - Hutchings, J AGIT-142  
W 05:10p-10:25p Hutchings, J**INDT-35 Electrical Wiring: Industrial**

3.0 units: 36.0 hours lec,

This course covers basic wiring for industrial applications. Topics include electrical theory, wiring in accordance with the latest version of the National Electrical Code, blueprint reading, layout of electrical circuits according to blueprints, switches, electrical connections, grounding and electrical safety, materials, appliance connections, industrial wiring and components, power poles and low voltage remote control devices. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

**Merced Campus**39006 - Hamilton, A AGIT-141  
MTWTh 08:00a-11:20a Hamilton, A  
39288 - Hamilton, A AGIT-141  
MTWTh 08:00a-11:20a Hamilton, A**INDT-40 Commercial Refrigeration Systems**

3.0 units: 36.0 hours lec, 54.0 hours lab.

This course presents Commercial Refrigeration Systems to students. Systems studied will range from fractional to large tonnage refrigeration systems. Medium and low temperature systems, multiple defrost methods, and energy efficiency will be studied. Diagnostic and repair procedures on commercial systems and related equipment will be covered.

**Merced Campus**36960 - Nagano, J AGIT-138B  
T 05:10p-10:00p Nagano, J**INDT-41 Industrial Power Transmission**

3.0 units: 36.0 hours lec,

This course covers industrial power transmission systems. The components studied are gear reduction systems, torque multiplication systems, direct drive, belt drive, chain drive, bearings, seals, and related components.

**Merced Campus**

39001	-	Nagano, J	
	MTWTh	12:30p-03:50p	Nagano, J
39289	-	Nagano, J	
	MTWTh	12:30p-03:50p	Nagano, J

**INDT-50 HVAC - Heating and Control Systems**

6.0 units: 72.0 hours lec,

This course will enable students to identify and understand the operation of the various control components found in heating and air conditioning units. Students will perform diagnostic and repair procedures on the above units and apply basic electrical concepts as they relate to HVAC industry heating and control technology.

**Merced Campus**

39247	-	Nagano, J	
	MW	05:30p-08:50p	Nagano, J
39248	-	Nagano, J	
	MW	05:30p-08:50p	Nagano, J

**INDT-53 Heat Pump Systems**

3.0 units: 36.0 hours lec,

This course studies the operation, installation, and service of heat pump systems.

**Merced Campus**

39061	-	Nagano, J	
	T	05:10p-10:00p	Nagano, J
39062	-	Nagano, J	
	T	05:10p-10:00p	Nagano, J

**INDT-56 Industrial Facilities Maintenance**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken ELCT-52, ELCT-47, and ELCT-42A is advised.

This course is designed to provide industrial maintenance and electrical technician students with the skills they need to be successful. Students will gain skills in:print reading, safety, troubleshooting, mechanical system components, boiler systems,industrial refrigeration systems and industrial facility electrical systems,

**Merced Campus**

36156	T	05:00p-07:00p	McClung, W	AGIT-141
	T	07:00p-10:15p	McClung, W	AGIT-141
39005	-	Nagano, J		
	MTWTh	12:30p-03:50p	Nagano, J	AGIT-141
39287	-	Nagano, J		
	MTWTh	12:30p-03:50p	Nagano, J	AGIT-141

**INDT-60 Electrical Codes and Ordinances**

3.0 units: 54.0 hours lec.

This is a course in the interpretation and application of the National Electrical Code (NEG), and other national, state and local electrical codes and ordinances which regulate the installation, alteration and maintenance of electrical circuits, systems and equipment. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

**Online**

32809		Hamilton, A	Online
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**Kinesiology (KINE)****KINE-01 Introduction to Kinesiology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed. Career opportunities in the areas of teaching, coaching, allied health, and fitness professions.

**Online**

02100		Online	
02800		Online	
01100	MW	07:45a-09:10a	GYM-2

**KINE-02 First Aid and CPR for the Professional Rescuer**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course involves the theory and detailed demonstration of the first aid care of the injured. The student will learn to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR for the professional rescuer, and AED certification(s) can be granted upon successful completion of requirements.

**Merced Campus**

02702	W	11:00a-12:25p	AHC-128
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**KINE-09 Adaptive Physical Education**

1.0 units: 54.0 hours lab.

Advisory: Student must provide medical verification of disability and recommendation of medical intervention. This course is a continuing program of individualized instruction for the physically disabled student allowing that student long-range participation in an adapted exercise physiology environment designed to create more physical independence for the student.

**Merced Campus**

01101	TTh	09:20a-10:45a	GYM-4
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**KINE-13 Beginning Basketball**

1.0 units:

Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. This course offers the beginning student the opportunity to develop and improve fundamental skills involved in basketball, such as, ball handling, shooting, defensive and offensive tactics, and physical endurance. It also covers team strategy and play. Rules, strategy, and sportsmanship are also stressed.

**Merced Campus**

01102	MW	07:45a-09:10a	GYM-1
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**KINE-14 Beginning Volleyball**

1.0 units:

Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. This course begins with the basic skills and court positions necessary to enjoy the sport. Each class session begins with warm-up exercises and "dry-land" drills. Skill period ends with class participation in a volleyball match.

**Merced Campus**

02703	M	05:30p-06:50p	GYM-1
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**KINE-24 Work Experience in Kinesiology**

1.0 units: .

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job in kinesiology or a related field. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in kinesiology or a related field prior to enrolling in the course.

**Merced Campus**

03000	-		
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**KINE-24A Beginning Swimming**

1.0 units:

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. This course is a general introduction to swimming and aquatics. It is designed for the beginner or non-swimmer who wants to learn aquatic fundamentals and receive stroke instruction in the front crawl, elementary backstroke, and sidestroke.

**Merced Campus**

02704	MW	10:00a-10:50a	ATHL-POOL
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## KINE-24B Techniques and Stroke Development for Swimming

1.0 units:

Prerequisite: \*Advised\* Previously taken KINE-24A is advised. This course is designed for the intermediate swimmer. Emphasis is placed on technique and stroke development of the front crawl, elementary backstroke, and side stroke. Back crawl, breaststroke, butterfly, turns, dives, and fitness and training concepts will also be introduced.

### **Merced Campus**

01103 MW 11:00a-12:25p ATHL-POOL

## KINE-24C Swimming for Fitness

1.0 units:

Prerequisite: \*Advised\* Previously taken KINE-24B is advised. This course is designed for the swimmer who has mastered the basic skills and is ready for more advanced swimming techniques. Emphasis is placed on the competitive swimming strokes, turns, starts, and principles of training.

### **Merced Campus**

01104 TTh 11:00a-12:25p ATHL-POOL

## KINE-31 Aerobic Training

1.0 units:

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. This class uses a variety of aerobic activities to improve cardio-respiratory endurance. Machines used include stair climber, treadmills, cycles, rowing, recumbent bikes and cross trainers. Emphasis will be placed on monitoring physiological response to exercise and teaching proper warm-up, training at target rate, and cool down. A pre-test and post-test will be administered to evaluate fitness level and monitor improvement.

### **Merced Campus**

01105 MW 11:00a-12:25p GYM-4  
01106 MW 02:10p-03:35p GYM-4

## KINE-32 Circuit Weight Training

1.0 units:

Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. The equipment provided for both cardiovascular endurance and strength training (single station exercise machines) in the fitness lab are designed to exercise all major muscle groups for a well-rounded fitness program with the non-athletic in mind. Circuit weight training has proven beneficial for people of all ages and genders, who are interested in weight training, with the emphasis on increasing muscle tone and cardiovascular fitness.

### **Merced Campus**

01107 TTh 11:00a-12:25p GYM-4  
01108 MW 07:45a-09:10a GYM-4  
01109 TTh 07:45a-09:10a GYM-4  
01111 MW 09:20a-10:45a GYM-4

## KINE-33 Weight Training

1.0 units:

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. An open laboratory experience for those people who desire an individualized strength program using a combination of exercise machines and free weights. This class is designed specifically to improve strength. The class is suited for athletes and men and women of all age groups who are interested in muscle toning and muscle building.

### **Merced Campus**

01112 TTh 11:00a-12:25p GYM-5  
01113 MW 09:20a-10:45a GYM-5

## KINE-35 Flexibility and Cardiovascular Fitness

2.0 units:

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. Practical applications

of all aspects of flexibility and cardiovascular conditioning are presented and performed. A system of class presentation is used to insure a gradual, safe, and total physiological adaptation of the student to exercise. A gradual, progressive, safe, and eventually total body fitness experience is pursued. Geriatric fitness adaptations are emphasized.

### **Los Banos Campus**

78381 MW 05:30p-08:35p King, D LB-B-136

### **Online**

02101	Online
02102	Online
02103	Online
02104	Online
02105	Online
02801	Online
72155	McCall, S
72157	Talley, E
72861	Talley, E

## KINE-36 Walking for Fitness

1.0 units:

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. This course is designed to improve cardiovascular efficiency, flexibility and strength through the use of walking and related activities. Students will use the latest techniques to improve walking performance.

### **Merced Campus**

01114 MW 12:35p-02:00p ATHL-STAD  
01115 TTh 09:20a-10:45a ATHL-STAD

## Management (MGMT)

### MGMT-32 Human Resource Management

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course involves the study of the principles and methods involved in effective human resource utilization in organizations. It provides an overview of responsibilities and practices involved in recruiting, selecting, promoting, terminating and retiring employees, performance appraisal, job development and analysis, wage and salary administration, and effective working relationships.

### **Online**

92550 Akiona, S Online

### MGMT-50A Challenges of Leadership: Difficult People/ Tough Conversations

0.5 units: 9.0 hours lec.

This course is designed to equip the participant with skills needed to deal with the various challenges of leading people. Special emphasis will be placed on practical and proven tools to deal with difficult people and have tough conversations. The topic of accountability will be explored in regard to individual performance and organizational success. Participants will learn about progressive discipline and how to resolve performance problems. Pass/No Pass only.

### **Online**

92864 Staff, M Online

### **Merced Off-Campus**

99724 Th 08:00a-12:15p Staff, M BRC-121

### MGMT-50K Generational Diversity: Managing Cross Generational Teams

0.5 units: 9.0 hours lec.

America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

### **Online**

92851	Staff, M	Online
<b>Merced Off-Campus</b>		
99723	Th 08:00a-12:15p	Staff, M BRC-121

### MGMT-50L Authentic Leadership: Know Yourself/Lead Your People

0.5 units: 9.0 hours lec.

This course is designed to help participants recognize the importance of authenticity in leadership. Participants will learn what followers look for in a leader. The importance of trust in a leader and on a team will be explored. The connection of authenticity and employee engagement will be defined. Pass/no pass only.

#### Online

92842	Staff, M	Online
<b>Merced Off-Campus</b>		
99729	Th 08:00a-12:15p	Orona, C BRC-121

### MGMT-50P Emotional Intelligence

0.5 units: 9.0 hours lec.

This course is an introduction to the principles of Emotional Intelligence (EQ). EQ is the ability to identify and understand your emotions and those of others and use this understanding to guide your behavior and manage relationships. Topics covered include the five competencies of EQ: self-awareness, self-regulation, motivation, and effective relationships. Pass/No Pass only.

#### Online

92846	Staff, M	Online
<b>Merced Off-Campus</b>		
99725	Th 08:00a-12:15p	Carey, M BRC-121

## Marketing (MKTG)

### MKTG-30 Principles of Marketing

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and BUS-10 is advised.

This course provides a broad understanding of the promoting, pricing, and distribution of products and services. Promotional mixes are studied including sales promotion, advertising, packaging, personal selling, public relations, and publicity. A study is made of understanding customer needs and behaviors; developing a product and/or service mix to satisfy customer needs, and profitability. Legal, political, cultural, social, economic, competitive, and ethical aspects of marketing are discussed.

#### Online

72887	Benson, L	Online
92830	Benson, L	Online

### MKTG-33 Advertising

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken AOM-30 and ENGL-C1000 (formerly ENGL-01A) is advised.

This is an introductory course in advertising principles and techniques. Areas of study will include advertising agencies, preparation of advertisements, including copyrighting, illustration and layouts, media selection, budgeting for advertising, psychology and persuasion of advertisements, and the use of advertising as a tool in sales promotion.

#### Online

92880	Benson, L	Online
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## Mathematics (MATH)

### MATH-02 Precalculus

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse

functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.

#### Merced Campus

12950	MW	11:00a-12:25p	Mitchell, P	SCI-111
10202	MW	02:45p-04:45p	Albert, M	SCI-204

#### Online

12200		Gargova, S	Online
12209		Saad, B	Online

#### Los Banos Campus

74403		08:45a-10:45a	Shumaker, N	LB-B-110
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### MATH-03 Calculus for Business

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course covers the techniques of calculus in the business world: functions, graphs, limits, exponential and logarithmic functions, differentiation, integration, techniques and applications of integration, partial derivatives, optimization, and the calculus of several variables.

#### Merced Campus

10203	TTh	12:35p-02:35p	Navarro, I	SCI-204
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### MATH-04A Calculus I

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Must have previously completed pre-calculus or trigonometry.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course covers limits, continuity, differentiation and integration of algebraic and transcendental functions along with their respective applications.

#### Online

12201		Ebinger, J	Online
12202		McCullough, C	Online

#### Merced Campus

10206	TTh	08:00a-10:00a	Saad, B	IAC-143
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74407	MW	10:15a-12:15p	Bryan, J	LB-B-111
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### MATH-04AS Calculus I with Support

5.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* This course uses multiple measures to satisfy prerequisites. If you receive a notice indicating prerequisites have not been met, please consult with a counselor for clarification and assistance.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course covers limits, continuity, differentiation and integration of algebraic and transcendental functions along with their respective applications. Also included is a review of the core prerequisite skills, competencies, and concepts needed in precalculus. Topics include concepts from elementary algebra, intermediate algebra, and trigonometry.

#### Merced Campus

10207	MTW	11:00a-12:15p	Albert, M	SCI-208
	MW	12:25p-01:50p	Albert, M	SCI-208

### MATH-04B Calculus II

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Take MATH-04A or MATH-04AS Minimum



grade C,P;  
 \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.  
 This course is a continuation of MATH-04A, addressing application of integration, methods of integration, improper integrals, Taylor's Formula, infinite series, and plane curves and polar coordinates.

<b>Online</b>	72163	Geyer, J	Online
<b>Merced Campus</b>			
10208	TTh	12:35p-02:35p	Ebinger, J
16201	TTh	05:30p-07:30p	Ebinger, J
<b>Los Banos Campus</b>			
74417	MW	02:45p-04:50p	Shumaker, N

### MATH-04C Multivariable Calculus

4.0 units: 72.0 hours lec.  
 Prerequisite: \*Required\* Take MATH-04B Minimum grade C,P;  
 \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.  
 This course covers vectors and solid analytic geometry, vector-valued functions, partial differentiation, multiple integrals, and topics in vector calculus including Green's and Stokes' theorems.

<b>Online</b>	72197	Geyer, J	Online
<b>Merced Campus</b>			
10209	MW	02:45p-04:45p	Navarro, I
<b>Los Banos Campus</b>			
74419	TTh	02:45p-04:50p	Shumaker, N

### MATH-06 Elementary Differential Equations

3.0 units: 54.0 hours lec.  
 Prerequisite: \*Required\* Take MATH-04C. Minimum grade C,P.  
 \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and MATH-08 is advised.  
 This course is an introduction to ordinary differential equations (ODEs), including analytical, graphical and numerical methods, as well as a variety of modeling applications. It introduces both theoretical and practical considerations, including definitions, existence and uniqueness of solutions, techniques for solving first-order ODEs and higher-order linear ODEs, series solutions and singular points for linear differential equations, Laplace transforms, homogeneous versus nonhomogeneous equations, linear systems, and numerical methods.

<b>Merced Campus</b>	10210	MW	11:00a-12:25p	Navarro, I	B&E-130
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### MATH-07 Discrete Structures

3.0 units: 45.0 hours lec.  
 Prerequisite: \*Required\* Take CPSC-06 or CPSC-14 or ENGR-14; Take MATH-04A; Minimum Grade C, P;  
 This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: functions and recursion, relations and sets; basic logic; proof techniques; basics of counting; graphs and trees; and discrete probability.

<b>Merced Campus</b>	10204	MW	08:40a-09:50a	Hogan, G	B&E-202
		MW	10:00a-10:50a	Hogan, G	B&E-202

### MATH-08 Linear Algebra

3.0 units: 54.0 hours lec.  
 Prerequisite: \*Required\* Take MATH-04B. Minimum grade C,P;  
 \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.  
 This course is an introduction to systems of linear equations, matrices, determinants, vector spaces, linear transformations, eigenvalues and

eigenvectors with a strong emphasis on applications.

### Merced Campus

10212		MW	09:20a-10:45a	Sutterfield, M	SCI-204
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### MATH-15 Finite Mathematics

3.0 units: 54.0 hours lec.  
 Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.  
 \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course covers algebra review, linear models, systems of linear equations, matrices, linear programming, mathematics of finance, set theory, and probability. This course includes applications to business, economics, psychology, and sociology.

### Online

12203		Navarro, I	Online
12204		McCullough, C	Online

### Merced Campus

10211	MW	11:00a-12:25p	Dawson, C	SCI-207
16202	TTh	05:30p-06:55p	Mohan, R	SCI-207

### MATH-20A Basic Structure of Mathematics I

3.0 units: 54.0 hours lec.  
 Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.  
 \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to complete the first course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level. It covers elementary set theory, numeration systems, number theory, the set of integers, the set of rational numbers, and the set of real numbers.

### Online

12205	Mohan, R	Online
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### MATH-20B Basic Structure of Mathematics II

3.0 units: 54.0 hours lec.  
 Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.  
 \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to complete the second course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level. This course covers the structure of plane and solid geometry, measurement, introduction to coordinate geometry, elementary probability, and statistics.

### Online

12207	Mohan, R	Online
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### MATH-22 Modern Mathematics

3.0 units: 54.0 hours lec.  
 Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.  
 \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

A survey course in mathematical problem solving using modern topics including social choice, management science, finance, and statistics.

### Merced Campus

10214	TTh	09:20a-10:45a	Sutterfield, M	SCI-207
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### Los Banos Campus

74399	MW	12:35p-02:00p	Bryan, J	LB-B-111
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**MATH-26 College Algebra for Liberal Arts**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This is a college level course in algebra for majors in the Liberal Arts. The course will cover topics on functions, including polynomial, rational, radical, exponential, absolute value, and logarithmic functions. Solving various types of equations, linear systems, and their applications for problem solving will also be discussed.

**Online**

12208 Montoya, J Online

**Merced Campus**

10215 TTh 02:10p-03:35p Mitchell, P SCI-205

**MATH-32 Probability and Statistics for Stem**

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Previously taken MATH-04C and passed with a minimum grade of C ---OR--- Concurrently enrolled in MATH-04C

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course covers concepts of probability and statistics using Calculus methods. Topics include conditional probability, independence, random variables, distribution functions, descriptive statistics, transformations, sampling errors, confidence intervals, least squares and maximum likelihood. Exploratory data analysis and interactive computing.

**Merced Campus**10216  TTh 10:15a-12:15p Saad, B IAC-143**Medical - Non-Credit (MED)****MED-717 Medical Assisting**

0.0 units: .

This entry level course designed for the adult students who desire vocational training in the field of medical assisting. Course instruction includes an overview of the career of medical assisting, knowledge of medical law and ethics, oral and written communication skills, medical terminology, anatomy and physiology, and administrative and clinical office procedures. This course is 768 to 960 hours in duration and is open entry format.

**Los Banos Campus**

75903	TTh	04:30p-08:30p	Jimenez, K	LB-B-138
	M	02:45p-06:45p	Mehat, S	INT-INT
	W	04:30p-08:30p	Mehat, S	INT-INT

**Music: Applied (MUSA)****MUSA-20 Applied Music**

0.5 units:

Prerequisite: \*Required\* Take one course in each group below:

Group 1: Take MUSE-41, MUSE-42, MUSE-43, or MUSE-44; Group 2: Take MUST-01, MUST-02, MUST-03, or MUST-04; Group 3: Take MUST-05, MUST-06, MUST-07, or MUST-08;

Enrollment by audition and interview with the instructor. Instructor signature is required to enroll in the course. This course provides private individual instruction in voice, piano, wind, or string instruments at a level equivalent to that of a music major in the appropriate term of the their freshman or sophomore year of music studies. It requires one lesson per week with a private instructor approved by the music department faculty. A minimum of 14 weekly lessons must be verified. In addition, this course includes a weekly group workshop detailing various aspects of music performance. A jury examination by the music department faculty is required at the conclusion of the course. This course can be repeated

three times and is intended for music majors only. Students enrolled in this course are required to be in at least one ensemble and one theory class concurrently.

**Merced Campus**

52702 Th 01:30p-02:25p Davidson, B MUS-2

**MUSA-25A Guitar I**

3.0 units: 54.0 hours lec.

This course is an introduction to the basic playing techniques, theory, and history of the guitar. Students will develop an essential foundation for playing the guitar while surveying its historical development and various stylistic uses in artistic, folk, and popular music.

**Merced Campus**

51077 TTh 02:10p-03:35p Dahman, N MUS-1

**MUSA-27A Class Piano I**

3.0 units: 54.0 hours lec.

This course designed for the beginning piano student with little or no background in piano develops sight-reading skills and keyboard techniques incorporated into solo and ensemble music.

**Merced Campus**

51078 TTh 12:35p-02:00p Wolfrey, E MUS-1

**MUSA-27B Class Piano II**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take MUSA-27A; Minimum grade C,P; This course is a continuation of MUS-27A, the second semester of piano studies class. The student will perform musical pieces with greater accuracy and musical expression.

**Merced Campus**

51079 TTh 12:35p-02:00p Wolfrey, E MUS-1

**Music: Ensemble (MUSE)****MUSE-41 Concert Band**

1.0 units:

Limitation on Enrollment: Audition by Instructor. This course provides experience in performing concert and symphonic band literature chosen from Classical, Romantic, Modern and contemporary eras. Literature may range from sacred to secular in the genres of classical, traditional, pop, and jazz band repertoire. Attention will be given to the composers of the literature and particular performance practices historically applicable. Public performance and exchange concerts are scheduled in addition to class rehearsals. This course may be repeatable three times.

**Merced Campus**

56000 W 05:30p-08:35p Davidson, B MUS-2

**MUSE-42 Jazz Ensemble**

1.0 units:

Limitation on Enrollment: Audition by instructor. This course is a study of jazz music in the big band tradition and modern eras, as is standard first semester lower division college performance ensemble classes. Attention will be given to the composers of the literature and those particular performance practices which are historically applicable. The course emphasizes individual, sectional and ensemble instrumental performance. Tone, intonation, balance, precision, breath control, articulation, style, and improvisation are included. The jazz ensemble makes several public performances each year. This course may be repeatable three times.

**Merced Campus**

56004 M 05:40p-08:45p Taylor, K MUS-2

56005 Th 05:40p-08:45p Taylor, K MUS-2

**MUSE-44 Chorale**

1.0 units: 54.0 hours lab.

Limitation on Enrollment: Audition by Instructor. This course specializes in the study and performance of choral literature chosen from Renaissance, Baroque, Classical, Romantic, Modern and contemporary eras and may include both sacred and secular genres of classical, pop, and

jazz choral literature. Attention will be given to the composers of the literature and particular performance practices historically applicable. An emphasis will be made on literature written or arranged for large vocal ensembles. Emphasis includes part-singing, intonation, breath control, vocal development, blend, tone coloring, and choral balance. The Chorale performs several times throughout the year. This course may be repeated three times.

**Merced Campus**

56002 T 06:00p-09:00p Simon, A LESH-111

**MUSE-47 Mariachi Ensemble**

1.0 units:

This course provides experience in performing Mariachi music while learning about and upholding traditions inherent in the Mexican culture. In addition to weekly rehearsals, the ensemble will perform at cultural events on and off campus. This course may be repeatable three times.

**Merced Campus**

51080 MW 12:35p-02:00p Davidson, B MUS-2

**Music: General (MUSG)****MUSG-10 Music Fundamentals**

3.0 units: 54.0 hours lec.

This course is a study of music fundamentals throughout history, including principles and procedures of rhythm, pitch notation, musical symbols, scales, key signatures, intervals, and diatonic chords. Students will study the historical and cultural development of various music notation styles and fundamentals. Students will apply knowledge learned in class to interpret and critique music with regard to its historical and cultural context. The course applies to musicians who have learned to play/sing without training in fundamentals and to beginners in music. This course is open to all students.

**Merced Campus**

51083 MW 12:35p-02:00p Simon, A B&E-203

**MUSG-13 Jazz Music History**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course presents the history of jazz music from 1890 to the present, including an introduction and analysis of significant jazz artists and their contributions to this American art form. Particular emphasis is given to developing listening skills appropriate to the understanding and appreciation of jazz. In addition, the instructor will discuss international influences and the development of jazz as a world musical form. This course is a listener's guide to the appreciation of jazz and incorporates principles of structure, expression, instrumentation, cultural and social issues integral to jazz music.

**Online**

52058 Taylor, K Online

**MUSG-14 American Popular Music History**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-85A or ENGL-C1000 (formerly ENGL-01A) is advised.

This course presents an introduction to the history and literature of the popular music movement in the United States; it is a study of the relationships of popular music to the social history of America. Emphasis is on styles and personalities of folk, blues, jazz, musical theatre, country & western, and rock 'n' roll. This course is designed for the non-music major.

**Online**

52011 Davidson, B Online  
52012 Davidson, B Online  
52022 Simon, A Online  
52061 Stocking, S Online  
52066 Wallace, E Online

**Merced Campus**

51084 MW 09:20a-10:45a Wolfrey, E B&E-124

51085 TTh 12:35p-02:00p Keane, F B&E-220  
51086 TTh 12:35p-02:00p Stocking, S ART-1

**Los Banos Campus**

74463 M 05:40p-08:45p Faria, M LB-A-103

**MUSG-15 Music Appreciation**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

A survey of art & popular music in western civilization. Topics studied include but are not limited to elements of music, basic musical forms, music periods, styles, and the role of music and musicians in the western world.

**Online**

52065 Keane, F Online  
52088 Wallace, E Online  
52822 Wallace, E Online  
52825 Wallace, E Online

**Music: Theory (MUST)****MUST-02 Music Theory II (Diatonic Harmony II)**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take MUST-01; Minimum grade C,P; A continuation of MUST-01, this course is the second semester of the music theory sequence. It completes an examination of diatonic harmony while introducing basic concepts found in chromatic harmony. This course is open to all students who meet the prerequisites but designed for the music major. This course is a core requirement for a student who is pursuing an AA in music.

**Merced Campus**

51088 TTh 09:20a-10:45a Simon, A B&E-203

**MUST-04 Music Theory IV (music Theory of the 20th and 21st Centuries)**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take MUST-03; Minimum grade C,P; \*Advised\* Previously taken MUSA-27B is advised.

This course incorporates the concepts from Music Theory III. In addition, through writing and analysis, the course will include: post-Romantic techniques such as borrowed chords and modal mixture, chromatic mediants, Neapolitan and augmented-sixth chords, 9th, 11th, and 13th chords, altered chords, and dominants; and 20th/21st-century techniques such as Impressionism, tone rows, set theory, pandiatonism, and polytonalism, meter and rhythm.

**Merced Campus**

51089 TTh 09:20a-10:45a Simon, A B&E-203

**MUST-06 Aural Skills II**

1.0 units: 9.0 hours lec, 27.0 hours lab.

Prerequisite: \*Required\* Take MUST-05 or Equivalent; Minimum Grade C,P;

Basic drill in the singing and recognition of intervals, scales, and diatonic melodies, in the treble, bass, alto, and tenor clefs, dictation of diatonic melodies and counterpoint in the first and second species. This course includes the use of computer music programs. Students must have completed MUST-05 (Aural Skills I) to enroll in this course.

**Merced Campus**

51090 TTh 11:00a-11:15a Simon, A B&E-203  
TTh 11:15a-11:55a Simon, A B&E-203

**MUST-08 Aural Skills IV**

1.0 units: 9.0 hours lec,

Prerequisite: \*Required\* Take MUST-07; Minimum Grade C,P; \*Advised\* Previously taken MUSA-27B is advised.

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory IV through ear training, sight singing, analysis, and dictation.

**Merced Campus**

51091 TTh 11:00a-11:15a Simon, A B&E-203

TTh 11:15a-11:55a Simon, A B&amp;E-203

**Nutrition (NUTR)****NUTR-10 Nutrition**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course presents an in-depth study of the essential nutrients and their functions, and the chemical composition of foods and their utilization in the body. It includes discussion on the nutritional values of foods, current topics in nutrition and nutritional needs throughout the life cycle. The relationship between diet and diseases will also be covered. Advisory: MATH-80

**Online**

32000		Hobbs, J	Online
32001		Tassey, E	Online
32002		Hobbs, J	Online
32003		Tassey, E	Online
31341	TTh	09:20a-10:45a Hobbs, J	AGIT-130
	M	12:35p-03:50p Tassey, E	AGIT-130
	TTh	11:00a-12:25p Tassey, E	AGIT-130

**NUTR-12 Culture and Cuisine of the World**

3.0 units: 45.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course will explore both traditional and contemporary food customs and cultures of people around the world. Comparisons of food patterns related to social, religious, economic, and geographic significance will be studied. The availability, distribution and preparation of food throughout the world is considered as well as nutritional status of various cultures as it relates to agricultural, food safety and health factors. Opportunities to explore cultural food identity and experiences will be offered.

**Merced Campus**

32920	-	Tassey, E	
W		11:00a-02:05p Tassey, E	SU-SDR

**NUTR-24 Work Experience in Nutrition**

1.0 - 8.0 units:

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job within the field of nutrition. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in nutrition before to enrolling in the course.

**Merced Campus**

33001	-	Tassey, E	
33002	-	Tassey, E	

**NUTR-37 Nutrition and Hospitality Field Experience**

3.0 units: 9.0 hours lec, 144.0 hours lab.

Prerequisite: \*Required\* Take NUTR-42, NUTR-44 and NUTR-45; Minimum grade P, NP.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

1) physical within past 6 months 2)negative TB screening test within past 6 months or negative chest x-ray within past year 3)proof of current immunizations 4)criminal background clearance 5)drug screening. This course is designed to help students learn problem solving and communication skills in a professional working environment. The student is engaged in on-the-job learning activities under the supervision of a Certified Dietary Manager, Registered Dietitian, Production Supervisor or Executive Chef and Nutrition Professor. Learning objectives are established based on the competencies defined in the Certifying Board for Dietary Managers Exam Content Outline. Students rotate through experiences in healthcare facilities, schools and professional production kitchens. Students will be required to follow dress standards required by the facility in

which they work. This course is recommended at or near the completion of the Nutrition or Culinary Management Program. Students are required to show proof of a current negative TB clearance (within last 3 months) and other immunizations required by the clinical facility to which they are assigned along with a current criminal background and drug screen check at the time of field placement.

**Merced Campus**

32750	T	03:00p-03:50p Hobbs, J	AGIT-130
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**NUTR-44 Food Safety and Sanitation**

2.0 units: 36.0 hours lec.

This beginning course is designed to teach basic food safety principles of personal and institutional sanitation. This includes the proper storage, preparation, and service as well as HACCP, food allergies, regulations and pest management. An emphasis is placed on the Supervisor's role in maintaining high standards for these principles. This course meets the California Retail Food Code requirement section numbers 113947.1 through 113947.6. This course is required by the Dietary Service Supervisor and Certified Dietary Manager Programs. Students in those programs are required to take and pass the ServSafe Food Handler and ServSafe Manager Exam or equivalent. This course is highly recommended to those interested in working in Food Service industry as well as application to lifelong learning.

**Online**

32846		Tassey, E	Online
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**NUTR-45 Introduction to Medical Nutrition Therapy**

2.0 units: 36.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to acquaint students with therapeutic and modified diets used in health care facilities. Topics include nutrition for disease states as well as normal nutrition needs. Students will become familiar with principles of nutrition intervention and client care. Students will be able to evaluate menus to meet the nutritional needs of patients. Cultural considerations and the management of long term care residents will be emphasized. This course is required for the student planning a career in food service supervision and plans to become a Certified Dietary Manager. It is especially beneficial for those planning employment in health care institutions and is recommended for nursing students.

**Online**

32870		Bates, K	Online
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**NUTR-50 Baking Basics and Business**

1.5 units: 18.0 hours lec,

This is a course designed to introduce basic bakery production. With the growing interest and demand in the food industry it is imperative that students are introduced to basics of food safety practices, quantifying recipes and understand the business sense to provide a quality product. This lecture and laboratory class will plan baked items to prepare, consider costs involved making that product and in the foods laboratory will produce the product. Sensory evaluation techniques and quality control will be taught and practiced.

**Merced Campus**

32948	-	Goodwin, M	
W		11:00a-02:10p Goodwin, M	SU-SDR

**Philosophy (PHIL)****PHIL-01 Introduction to Philosophy**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course introduces philosophical ideas and methods concerning self-identity, knowledge, reality and values. These topics will be discussed through reading primary philosophical texts taken from the traditional and modern Western philosophical canon, as well as from non-canonical sources.

**Merced Campus**

21400	MW	12:35p-02:00p	Winters, A	IAC-109
21401	MW	11:00a-12:25p	Alvarez, J	B&E-204

**PHIL-01H Honors Introduction to Philosophy**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take ENGL-C1000 (formerly ENGL-01A); Minimum Grade C,P;

This course introduces philosophical ideas and methods concerning self-identity, knowledge, reality and values. These topics will be discussed through reading primary philosophical texts taken from the traditional and modern Western philosophical canon, as well as from non-canonical sources. There will be an emphasis on philosophical research and writing. Students taking this class must be enrolled in the Honors Program. See the college catalog for a description of enrollment requirements.

**Merced Campus**

21402	MW	11:00a-12:25p	Alvarez, J	B&E-204
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**PHIL-05 Contemporary Ethical Issues**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is recommended.

This course examines the concept of morality and values, representative ethical theories, and their application to contemporary ethical issues such as capital punishment, abortion, war, animal rights and economic justice.

**Online**

22300		Winters, A	Online
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**Merced Campus**

21403	 MW	09:20a-10:45a	Alvarez, J	IAC-109
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**PHIL-15 Comparative Religions**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course surveys the historical background and fundamental philosophical concepts of the major religions of the world, including Hinduism, Buddhism, Shinto, Confucianism, Judaism, Christianity, Islam, and some typical basic religions.

**Online**

22301		Ekizian Barton, A	Online
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**Photography (PHOT)****PHOT-10A Introduction to Photography**

3.0 units: 36.0 hours lec.

Introduction to Photography covers camera and darkroom principles of black and white photography. Topics include current aesthetic trends and compositional elements, image capture techniques, exposure control, film developing, contact prints, enlargements, lighting, filters, print finishing and photo mounting.

**Merced Campus**

51099	MW	08:00a-08:55a	Sousa, J	ART-8
52703	MW	09:05a-10:30a	Sousa, J	ART-8
	-	Sousa, J		
	M	05:40p-08:55p	Sousa, J	ART-8

**PHOT-10B Intermediate Photography**

3.0 units: 36.0 hours lec.

Prerequisite: \*Required\*

\*Advised\* Previously taken AOM-50C is advised.

This is a course dealing with the practical application of the basic principles of photography, emphasizing technical and artistic control and the perfection of processing, and composition. The course also provides a broad introduction to studio lighting.

**Merced Campus**

52704	-	Gwartney, J		
	W	05:40p-08:45p	Gwartney, J	ART-8

**PHOT-33 The History of Photography**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This historical survey course covers image capture techniques from the camera obscura through current digital technologies. The artistic significance and broad social implications of photography provide an underlying basis for critical analysis. The course includes lecture and discussion Components coupled with visual presentations.

**Online**

52072		Gwartney, J	Online
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**Physical Science (PHSC)****PHSC-02 Survey of Chemistry and Physics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. This course is intended for non-science majors.

**Online**

12335		Khurana, P	Online
10353	TTh	11:00a-12:25p	Khurana, P

**PHSC-02L Survey of Chemistry and Physics Laboratory**

1.0 units:

Prerequisite: \*Required\* Take PHSC-02.

\*Advised\* Previously taken ENGL-C1000 (Formerly ENGL-01A) is advised.

\*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

This introductory laboratory is designed to provide a hands-on exploration in parallel with the topics covered in the introduction to Survey of Chemistry and Physics lecture course - Physical Science 2. Emphasis will be placed on (1) classical science experimentation, (2) laboratory activities in the real world, and (3) support of the laboratory activities through use of modern technologies. This course is intended for non-science majors.

**Merced Campus**

10354	 TTh	09:20a-10:45a	Khurana, P	SCI-105
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12336	 TTh	09:20a-10:45a	Khurana, P	Online
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**Physics (PHYS)****PHYS-02B General Physics II**

4.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take PHYS-02A Minimum grade C,P;

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

PHYS-02B is a continuation of PHYS-02A with emphasis on electricity, magnetism, radiation, relativity, atomic and nuclear processes, astrophysics, cosmology, and a look toward the future.

**Merced Campus**

10355	MW	12:35p-02:00p	Huff, A	SCI-204
	M	02:25p-05:40p	Huff, A	SCI-106

**PHYS-04A Physics I**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take MATH-04A OR MATH-04AS;

Minimum grade C,P;

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and MATH-04B is advised.

This course is a calculus-based physics course intended for physics and engineering majors as well as some chemistry and math majors.

PHYS-04A is the first semester of a three-semester sequence intended to give a technical introduction to physics with emphasis on concepts and principles of physics and problem-solving. PHYS-04A includes the areas of mechanics, wave motion, fluids, and thermal phenomena.

**Merced Campus**

10356	MW	11:00a-12:25p	Pourtarvirdi, Z	SCI-203
	W	07:45a-10:50a	Pourtarvirdi, Z	SCI-106
10357	TTh	09:20a-10:45a	Huff, A	B&E-219
	T	11:10a-02:15p	Staff, M	SCI-106
10358	TTh	09:20a-10:45a	Huff, A	B&E-219
	T	02:25p-05:30p	Huff, A	SCI-106

**Los Banos Campus**

74461	MW	02:10p-03:35p	Jordan, L	LB-B-101
	MW	12:35p-02:00p	Jordan, L	LB-B-101

**Online**

12337		Pourtarvirdi, Z	Online
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**PHYS-04B Physics II**

4.0 units: 54.0 hours lec, 54.0 hours lab.

Prerequisite: \*Required\* Take PHYS-04A, MATH-04B; Minimum grade C,P;

\*Required\* Take MATH-04B

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) advised.

PHYS-04B is a continuation of PHYS-04A with emphasis on the areas of electricity, magnetism, and light.

**Merced Campus**

10359	TTh	11:00a-12:25p	Pourtarvirdi, Z	SCI-203
	Th	07:45a-10:50a	Pourtarvirdi, Z	SCI-106
10360	TTh	12:35p-02:00p	Huff, A	SCI-208
	Th	02:25p-05:30p	Huff, A	SCI-106

**Online**

12338		Pourtarvirdi, Z	Online
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**PHYS-04C Physics III**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take MATH-04B ANDPHYS-04B; MINIMUM GRADE C,P;

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

PHYS-04C is a continuation of PHYS-04B. It emphasizes the laws of thermodynamics, relativity, and topics of modern physics.

**Merced Campus**

10361	MW	12:35p-02:00p	Pourtarvirdi, Z	SCI-205
	W	02:25p-05:30p	Pourtarvirdi, Z	SCI-106

**PHYS-10 Concepts in Physics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and MATH-C, MATH-61 or MATH-62 is advised.

This course is a survey of major concepts covered in physics. The concepts, as well as the understanding of general principles, will be developed through lecture, demonstrations, and discussion of everyday phenomena. Both classical and modern topics will be covered, to include mechanics, properties of matter, heat, sound, electricity, magnetism, light, atomic and nuclear physics, relativity, and astrophysics. This course provides an opportunity to work with the concepts of physics in a qualitative manner.

**Merced Campus**

10362	MW	11:00a-12:25p	Khurana, P	SCI-110
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**Political Science (POLS)****POLS-C1000 American Government and Politics Polit-****ical System**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A), ENGL-C1001 (formerly ENGL/PHIL-13) or ENGL-C1001H (formerly ENGL/PHIL-13H) is advised.

Begins Fall 2025. Effective Fall 2025, POLS-C1000 replaces POSC-01

This course is an introduction to government and politics in the United States and California. Students examine the constitutions, structure, and operation of governing institutions, civil liberties and civil rights, political behaviors, political issues, and public policy using political science theory and methodology. Emphasis is placed upon various roles of the national and state government, constitutional rights and obligations of citizens, and the evolution and development of California state political Institutions.

**Online**

52003		Dehart, C	Online
52004		Brady, A	Online
52068		Patterson, E	Online
52069		Patterson, E	Online
52070		Dehart, C	Online
52071		Dehart, C	Online
52824			Online
72217		Mendez, J	Online
72219		Mendez, J	Online
51092	TTh	07:45a-09:10a	Robles, R
51094	MW	11:00a-12:25p	Carey, P
51200	TTh	11:00a-12:25p	Brady, A
74501	TTh	09:20a-10:45a	Mendez, J

**Political Science (POSC)****POSC-03 Introduction to International Relations**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

An introduction to international relations theory with an examination of national, international, transnational, and sub-national actors and their institutions, interactions and processes as they relate to global issues.

**Merced Campus**

51095	MW	09:20a-10:45a	Carey, P	LRC-202
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**POSC-07 Politics of Race and Ethnicity**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

The racial foundations of American democracy have long been contested by communities of color in the United States. Democracy's literal meaning is "rule by the people," yet oppressed groups have questioned who is and is not included in the political community this meaning implies. This course will critically explore historical sources, competing theories, and contemporary examples of American politics and frameworks for democracy. In doing so, students will examine how Black and Indigenous perspectives have contributed to the formation of and struggle against the American political establishment at its foundation, as well as how oppressed groups continue to contest the limits of American democracy in the present.

**Merced Campus**

51097	TTh	09:20a-10:45a	Brady, A	IAC-146
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**Los Banos Campus**

74507	TTh	11:00a-12:25p	Brady, A	LB-B-105
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**Psychology (PSYC)****PSYC-01B Introduction to Psychological Research Methods**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take PSYC-01A or PSYC-01AH; Take PSYC-05 or MATH-10. Minimum grade C,P;

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.



This course reviews psychological methods of research. Attention will be focused on foundations of experimental design, procedures and methodology for collecting research data, and techniques used to analyze, report, and present findings in APA format. Research design will also be examined through a review of past psychological research and various branches of modern Psychology.

**Online**

52083	Bera, S	Online
52084	Bera, S	Online

**Merced Campus**

51081	TTh	12:35p - 2:00p	Williamson, L	B&E-203
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**Los Banos Campus**

74515	TTh	02:10p-03:35p	Coahran, S	LB-B-106
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**PSYC-05 Introduction to Statistics in Psychology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

The theory of parametric and nonparametric statistical methods and their application to psychological data. Topics include: descriptive statistics, probability and sampling distributions; statistical inference and power, linear correlation and regression, chi-square; t-tests; and one-way analysis of variance (ANOVA). Application of both hand-computation and statistical software printouts to data in a psychology context, including the interpretation of the relevance of the statistical findings.

**Online**

52085	Bera, S	Online
52104	Gargano, G	Online
52105	Gargano, G	Online
52803	Gargano, G	Online

**PSYC-09 Human Development**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the scientific study of human development from conception through death. It examines the interplay of biological, psychological, social, and cultural forces on the developing human being.

**Online**

	52096	Clifford, J	Online
	52102	Grimes, J	Online
	52123	Bluett-Murphy, V	Online
	52827	Salazar, R	Online
	52842	Bluett-Murphy, V	Online

**Merced Campus**

	51134	TTh	11:00a-12:25p	McCarrick, S	B&E-101
	51154	MW	02:10p-03:35p	Patton, M	B&E-221

**PSYC-22 Human Sexuality**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course explores the psychology of human sexuality. Human sexuality is examined from psychological, biological, sociocultural, and historical perspectives. Scientific research is presented concerning all aspects of human sexuality in contemporary society. Specific topics include sexual anatomy and physiology, gender, sexual orientations, contraception, sexually transmitted infections, sexual dysfunction, and sex for sale.

**Online**

52015	Clifford, J	Online
52093	Bernard, E	Online
52830	Hernandez, R	Online
52831	Bernard, E	Online

**Merced Campus**

51100	TTh	11:00a-12:25p	Ray, J	IAC-120
51105	TTh	12:35p-02:00p	Ray, J	B&E-217
51219	TTh	09:20a-10:45a	Clifford, J	LESH-111

**PSYC-23 Personal and Social Adjustment**

3.0 units: 54.0 hours lec.

This course examines personality factors as they relate to the problems of growth and adjustment. Concepts covered in the course are personality development, the psychological bases of behavior, mental health, and interpersonal relations. Stress is placed on the importance of applying therapeutic principles and techniques in everyday life.

**Online**

52094	Bernard, E	Online
72251	Lemons, S	Online

**Merced Campus**

51106	TTh	09:20a-10:45a	Murphy, J	B&E-220
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**PSYC-25 Introduction to Abnormal Psychology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to provide the student with an understanding of abnormal behavior as delineated in the "Diagnostic and Statistical Manual of Mental Disorders." Topics include classifications, clinical pictures, causal factors, treatment, and outcomes of maladaptive behavior. Special emphasis will be placed on assessment, therapy, and prevention of maladaptive behavior.

**Online**

52020	Murphy, J	Online
52095	Hernandez, R	Online

**Merced Campus**

51107	TTh	12:35p-02:00p	Murphy, J	B&E-220
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**Los Banos Campus**

74531	MW	09:20a-10:45a	Coahran, S	LB-B-106
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**PSYC-36 Developmental Psychology: Adolescence**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a study of human development during adolescence. The focus is on major theories and psychological research relating to the physical, cognitive, and psychological research relating to the physical, cognitive, and psychosocial aspects of development during adolescence, with an emphasis on the influence of culture.

**Online**

52010	Clifford, J	Online
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**PSYC-37 Sport Psychology**

3.0 units:

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course will examine the Psychological Dimensions of Sport and Exercise Performance. Topics will include motivation, personality, emotions and mood as they relate to individual and group sports. Social psychology of sport and cognitive and behavioral interventions will also be discussed. Relevant and current literature in the field will be used to support concepts.

**Merced Campus**

51145	TTh	11:00a-12:25p	Sousa, S	GYM-2
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**PSYC-40 Drugs and Behavior**

3.0 units: 54.0 hours lec.  
 Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.  
 This course will examine psychoactive drugs and their mode of action on the central nervous system and on behavior. Motivational aspects of drug use and abuse and the psychological treatment of substance-use disorders will be evaluated.

**Merced Campus**

51108 MW 12:35p-02:00p Murphy, J LESH-111

**PSYC-95S Statistics Support**

1.0 units:

Prerequisite: \*Required\* Concurrent enrollment in PSYC-05  
 \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

A review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis. Intended for students who are concurrently enrolled in Introduction to Statistics in Psychology.

**Merced Campus**

51004 TTh 07:45a-09:10a Gargano, G IAC-145  
 51014 TTh 09:20a-10:45a Gargano, G IAC-145

**Online**

52037 Gargano, G Online  
 52063 Gargano, G Online

**PSYC-C1000 Introduction to Psychology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Begins Fall 2025. Effective Fall 2025, PSYC-C1000 replaces PYSC-01A  
 This course is an introduction to psychology, which is the study of the mind and behavior. Students focus on theories and concepts of biological, cognitive, developmental, environmental, social, and cultural influences; their applications; and their research foundations.

**Online**

52073 McBride, G Online  
 52074 Rodriguez, A Online  
 52075 Rodriguez, A Online  
 52076 Sullivan, J Online  
 52077 McBride, G Online  
 52078 Flores, K Online  
  
 52081 Salazar, R Online  
 52801 Clifford, J Online  
 52826 Grimes, J Online  
 72231 Coahran, S Online

**Merced Campus**

51006 TTh 09:20a-10:45a Nichols, D IAC-120  
 51008 MW 09:20a-10:45a Gargano, G B&E-217  
 51111 TTh 12:35p-02:00p Nichols, D IAC-120  
 51113 TTh 11:00a-12:25p Murphy, J LESH-111  
 51114 TTh 07:45a-09:10a Nichols, D IAC-120  
 51120 MW 12:35p-02:00p Sullivan, J IAC-120

**Los Banos Campus**

74511 TTh 07:45a-09:10a Coahran, S LB-B-106

**Radiologic Technology (RADT)****RADT-12A Radiologic Procedures II**

4.0 units: 54.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course covers basic radiographic anatomy and positioning of the lower gastrointestinal tract, biliary system, genitourinary system, vertebral column, bony thorax, mobile and trauma radiography. The laboratory portion of this course will include positioning exercises and image evaluation of these areas to achieve both accuracy and speed.

**Merced Campus**

41021	T	07:45a-10:55a	Abarca, R	AHC-148
	T	11:30a-02:40p	Abarca, R	AHC-148
41022	T	07:45a-10:55a	Abarca, R	AHC-148
	Th	07:45a-10:55a	Abarca, R	AHC-148

**RADT-12B Clinical Education I**

5.0 units:

Prerequisite: \*Required\* Take RADT-12A

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, patient information management, work efficiency and image evaluation is provided.

**Merced Off-Campus**

47203 - Lang, K

**RADT-13 Radiologic Sciences I**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: \*Required\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

\*Required\* Previously taken CHEM-02A is required.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course covers the nature and characteristics of radiation, x-ray production, and photon interactions with matter. It also establishes a knowledge base in radiographic and mobile equipment requirements and design. The laboratory portion of this course will focus on solving radiographic technical problems and verification of the basic laws of the radiation sciences.

**Merced Campus**

41023	M	07:45a-10:05a	Lang, K	AHC-148
	M	10:30a-02:05p	Lang, K	AHC-148

**RADT-16A Advanced Radiologic Procedures II**

2.5 units: 45.0 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course is designed to provide entry-level radiography students with an introduction to and basic understanding of the operation of CT and MRI devices. In addition, the basic concepts of venipuncture and administration of diagnostic contrast agents will be introduced. The appropriate delivery of patient care during these procedures is emphasized.

**Merced Campus**

41024 W 08:00a-10:30a Abarca, R AHC-148

**RADT-16B Advanced Clinical Education I**

9.0 units:

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course provides continued clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, patient information management, work efficiency and image evaluation is provided.

**Merced Off-Campus**

47204 - Abarca, R

**RADT-16C Fluoroscopy**

2.3 units: 40.5 hours lec.

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course is designed to prepare the senior radiography student to sit for the California Radiologic Technologist Fluoroscopy Permit examination.

**Merced Campus**

41025	W	10:45a-01:00p	Lang, K	AHC-148
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**RADT-24 Work Experience in Radiology**

1.0 units:

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job in diagnostic radiologic technology. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must be enrolled in the Diagnostic Radiologic Program and have an established work site in diagnostic radiologic technology before enrolling in the course.

**Merced Off-Campus**

43005 - Lang, K

**RADT-50 Career Exploration in Medical Imaging**

1.0 units:

Prerequisite: \*Advised\* Previously taken ALLH-67 and BIOL-16 is advised.

Limitation on Enrollment: Negative TB screening test or chest x-ray (within last 6 months); some facilities may require criminal background and drug screening clearances; some facilities may require current immunizations. This course allows students to sample an experience in a medical imaging setting in order to enhance their understanding of the challenges and opportunities in considering a career in diagnostic medical imaging. The instructor of record will be responsible for arranging the student's clinical placement during the course's orientation meeting.

**Merced Off-Campus**

43007 - Lang, K

**Real Estate (REAL)****REAL-42 Real Estate Principles**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an analysis of principles of real estate in California, history of California real estate, property, contracts, agency, listings, real estate financing, deeds, liens and encumbrances, escrows and title insurance, land descriptions, real estate mathematics, and real estate licensing and state regulations.

**Merced Campus**

92940 W 05:30p-08:50p Navarro, R B&amp;E-218

**REAL-43 Real Estate Practices**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an analysis of problems related to establishing and conducting a real estate business, which includes but is not limited to preparing and evaluating listings, prospecting, advertising, the selling process, closing the sale, financing real estate, exchanges and specializing brokerage, income properties, management and leasing, taxes, land utilization, and professional and public relations.

**Merced Campus**

92941 W 05:30p-08:50p Navarro, R B&amp;E-218

**REAL-44 Legal Aspects of Real Estate**

3.0 units: 54.0 hours lec.

This course focuses on California real estate laws. Topics include: principal legal aspects of ownership, acquisition and transfer of real property, legal descriptions, contracts, escrow procedures, forms for trusts and foreclosures, liens, legal instruments, property ownership and management, real estate security devices, property rights, landlord-tenant law, land-use controls, and title insurance. This course satisfies the education requirements for the California Real Estate Salesperson and Broker exam and license. Field trips may be required.

**Merced Campus**

92942 W 05:30p-08:50p Navarro, R B&amp;E-218

**Registered Nurse (REGN)****REGN-01 Transition LVN to RN**

2.0 units: 18.0 hours lec,

Prerequisite: \*Required\* Take BIOL-16, BIOL-18, BIOL-20 and ENGL-C1000 (formerly ENGL-01A). Math prerequisite - Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

Limitation on Enrollment: California VN licence. Registered Nursing 01 is a series of lectures and discussions that provides the concepts and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Incorporates best practices, professional standards, and legal and ethical responsibilities of the professional nurse as applied in various health care settings. Emphasis will be placed upon the registered nurse as a decision-making member of the health care team and the responsibilities to be assumed by such a practitioner.

**Online**

42901 Carroll, J Online

**REGN-02 Clinical Skills Transition Lvn to Rn**

1.0 units:

Prerequisite: \*Required\* Take REGN-01; Minimum Grade C,P;

Limitation on Enrollment: California VN license, CPR Certificate, and Acceptance into the REGN Program. Registered Nursing 02 consists of practice in the clinical setting with the skills and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Emphasis is placed on nursing skills related to first year RN nursing concepts in clinical practice.

**Merced Off-Campus**

49006 - Taylor, L

**REGN-03 Work Experience in Registered Nursing**

1.0 units: 18.0 hours lec.

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job in registered nursing. This course is designed for students in the Registered Nursing program who obtain positions as externs. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in registered nursing prior to enrolling in the course.

**Merced Off-Campus**

43008 - Roe, L

43009 - Roe, L

43010 - Roe, L

**REGN-15 Foundations of Nursing**

9.0 units: 72.0 hours lec,

Prerequisite: \*Required\* Take BIOL-16, BIOL-18, BIOL-20 and ENGL-C1000 (formerly ENGL-01A). Math prerequisite - Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

\*Required\* Take REGN-18

Limitation on Enrollment: 1) Enrollment in the REGN program; 2) CPR card Module AC; 3) Physical within past 6 months; 4) Negative TB screening test within past 6 months or negative chest xray within past year; 5) Proof of current immunizations; 6) Criminal background clearance; 7) Drug screening Registered Nursing 15 (Foundations of Nursing) focuses on foundational concepts necessary for safe, patient-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities of the nurse. Introduces critical thinking applied to nursing, the nursing process, diversity, and communication techniques used when interacting with patients and members of the interdisciplinary team, and applies evidence-based nursing practice. Includes acquisition of basic nursing skills. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of acute and long-term care clinical settings.

**Merced Campus**

41010	WTh	08:00a-10:05a	Schindler, W	AHC-125
	W	10:30a-04:30p	Schindler, W	AHC-125
	F	06:30a-06:30p	Schindler, W	OFML-HOSP

Open Educational Resources/  
Zero Textbook Cost

Umoja



Live Stream



Puent Program

**REGN-18 Pharmacology in Nursing Practice**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take REGN-15

\*Advised\* Previously taken VOCN-46A is advised.

Limitation on Enrollment: Enrollment in the REGN Program. Registered Nursing 18, Pharmacology in Nursing Practice, presents an overview of the basic principles of pharmacology including major drug classifications and prototypes. Principles of medication administration include all aspects of best practice for safe, quality, patient-centered care including developmentally and culturally appropriate interventions. Includes dosage calculations.

**Online**

42000 Schindler, W Online

**REGN-24 Acute Medical/Surgical and Nursing of The Childbearing Family**

10.0 units: 90.0 hours lec,

Prerequisite: \*Required\* Take REGN-15 REGN-18; Minimum Grade C,P;

Limitation on Enrollment: Enrollment in the REGN program 2nd Semester. Registered Nursing 24 provides for the acquisition and application of nursing theory, communication, collaboration, and critical thinking skills necessary for safe, patient-centered nursing care to a developmentally and culturally diverse patient populations experiencing various common medical/surgical interventions and to the childbearing family. Incorporates best practices, professional standards, and legal and ethical responsibilities of the professional nurse as applied in various healthcare settings. Includes acquisition of nursing skills required in acute care and childbearing family settings. Application of knowledge and skills occurs in the nursing skills laboratory and clinical settings.

**Merced Campus**41011 MW 09:00a-11:50a Carroll, J AHC-123  
M 12:00p-05:20p Carroll, J AHC-123  
T 06:30a-06:30p Carroll, J OFML-HOSP**REGN-34 Advanced Medical/Surgical Nursing And Pediatric Nursing**

10.0 units: 90.0 hours lec,

Prerequisite: \*Required\* Take REGN-01 or REGN-24; Minimum grade C,P;

Limitation on Enrollment: Enrollment in the REGN program 3rd semester; CPR card Moduel AC; physical within past 6 months; negative TB screening test within past 6 months or negative chest x-ray within past year; proof of current immunizations; criminal background clearance; drug screening. This course enlarges upon the concepts presented in REGN-15 and REGN-24 by introducing principles of care to maintain and/or restore homeostatic mechanisms in acute health problems. Prototype disease processes associated with each concept are studied in relation to preventive and restorative nursing care. Concurrent practice in the college laboratory and clinical experience in community facilities are required.

**Merced Campus**41012 TTh 08:00a-10:30a Brown, S AHC-123  
W 06:30a-06:30p Brown, S OFML-HOSP  
T 01:00p-03:15p Brown, S AHC-123  
Th 10:45a-01:00p Brown, S AHC-123**REGN-44 Advanced Medical Surgical Nursing and Psychiatric Mental Health Nursing**

9.0 units: 72.0 hours lec,

Prerequisite: \*Required\* Take REGN-34; Minimum grade C,P;

Limitation on Enrollment: Enrollment in the REGN program 4th semester. Registered Nursing 44 builds on REGN-34, focusing on complex medical/surgical conditions of the high acuity patient and the patient at various levels of mental health promotion and mental illness management. Builds on nursing theory, communication, collaboration, and critical thinking skills necessary for safe, patient-centered nursing care to develop-

mentally and culturally diverse patient populations. Incorporates best practices, professional standards, and legal and ethical responsibilities of the professional nurse as applied in the acute care and mental health settings incorporating all aspects of the professional nurse. Application of knowledge and skills occurs in the acute care and community settings to facilitate an effective transition from student to registered nurse.

**Merced Campus**41013 TW 09:00a-11:05a Roe, L AHC-124  
T 11:30a-05:40p Roe, L AHC-124  
M 06:30a-06:30p Roe, L OFML-HOSP**Sociology (SOC)****SOC-01 Introduction to Sociology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course provides an introduction into what it means to be socio-logically mindful and to think sociologically while understanding the difference from other ways of seeing the social world. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

**Online**52001 Bishop, K Online  
52023 Gabriella, A Online  
52098 Olson, K Online  
52101 Pierce, T Online  
52809 Mirfakhraie, R Online  
51122 TTh 09:20a-10:45a Bishop, K B&E-220  
51123 MW 02:10p-03:35p Prado-Robledo, S IAC-120  
51124 MW 07:45a-09:10a Prado-Robledo, S IAC-120  
51125 MW 09:20a-10:45a Bishop, K IAC-120  
74535 MW 12:35p-02:00p Coahran, S LB-B-106**SOC-02 Contemporary Social Problems**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

SOC-02 introduces fundamental theories and methodologies employed in the study of contemporary social problems. An emphasis is placed on analysis of causes and possible solutions to such problems as poverty, discrimination, crime, delinquency, alcoholism, drug abuse, suicide, family, and politics. A global perspective focuses on the international influences and contributions to various contemporary social problems.

**Online**52107 Shaw, M Online  
52833 Shaw, M Online**Merced Campus**

51128 TTh 09:20a-10:45a Mirfakhraie, R B&amp;E-221

**SOC-03 Marriage and the Family**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course provides an overview of sociological theories and concepts utilized to investigate marriage and family relationships. An empirical as well as experiential analysis of marriage and family functions, structures, and roles is emphasized. Special focus is paid to contemporary issues, concerns, and debates regarding marriage and family dynamics.

**Online**

72261 Deeming, K Online

**Merced Campus**51126 MW 11:00a-12:25p Prado-Robledo, S IAC-120  
51127 TTh 12:35p-02:00p Bishop, K IAC-146

**SOC-04 Introduction to Gender**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Sociological analysis of the social construction of gender, masculinity, and femininity historically and cross-culturally. This course examines the debates on sex and gender. It analyzes the impact of economic and political change on gender expectations and practices. It focuses on macro-analyses of how institutions shape gender and microanalysis of how individuals are socialized and how they "do" and practice gender.

**Online**

52002 Bishop, K Online

**SOC-05 Race, Ethnicity, and Inequality**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised

This course examines the cultural, political, and economic practices and institutions leading to racial and ethnic oppression in the United States, highlighting the agency and resistance of historically marginalized groups. It presents an overview of historical and contemporary patterns of interaction between various racial and ethnic groups through an intersectional and anti-racist perspective.

**Online**52060 Shaw, M Online  
72263 Coahran, S Online**Merced Campus**51045 MW 09:20a-10:45a Easley, K B&E-220  
51076 MW 11:00a-12:25p Easley, K B&E-125  
51129 TTh 07:45a-09:10a Mirfakhraie, R B&E-221**Sociology - Non-Credit (SOCL)****SOCL-760 Career and Life Planning**

0.0 units:

This course is designed for students who function at limited levels of cognitive development. It is designed to help students acquire positive workplace attitudes, skills, and habits. This course is 364- 455 hours in duration and may require a work experience component.

**Merced Campus**

95902 TTh 03:30p-05:00p Batson, R B&amp;E-124

**Los Banos Campus**75091 MTWThF 08:30a-02:30p Huerta, I OFLL-KINGS  
75093 MTWThF 08:30a-02:30p Huerta, I OFLL-KINGS**Spanish (SPAN)****SPAN-01 Elementary Spanish I**

5.0 units: 90.0 hours lec.

This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

**Online**

22210	Sobalvarro, N	Online
22211	Colomer-Flores, M	Online
22212	Colomer-Flores, M	Online
22213	Estrada, A	Online
22217	Gonzalez-Mercado, M	Online
72271	Perez, C	Online
21300	MTW 11:30a-01:05p	LRC-201
21304	TWTh 03:00p-04:30p	Garcia Diaz, M LRC-201
22710	MW 09:20a-10:45a	Colomer-Flores, M LRC-201
22711	TTh 12:35p-02:00p	Sobalvarro, N IAC-108
22713	MW 02:10p-03:35p	Amador-Moreno, S IAC-145
74547	TTh 11:15a-01:45p	Wynne, C LB-B-112

**SPAN-02 Elementary Spanish II**

5.0 units: 90.0 hours lec.

Prerequisite: \*Required\* Take SPAN-01 or two years of high school Spanish.

SPAN-02 is the continuation of SPAN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is recommended for students who have completed two years of high school Spanish; it is not recommended for native speakers. Native speakers should enroll in SPAN-11.

**Online**

22214 Online

**Merced Campus**

21301 TWTh 01:15p-02:45p Garcia-Diaz, M LRC-201

**SPAN-10 Spanish for Spanish Speakers I**

5.0 units: 90.0 hours lec.

Prerequisite: \*Required\* Take SPAN-02 or the equivalent; Minimum Grade C,P;

\*Advised\* Previously taken LRNR-30 is advised.

This course is designed for native and heritage speakers, as well as other linguistically qualified students, whose formal training in the language is not complete. The course will focus on extensive reading of all types of texts and their reworking in written form with the intention of expanding the vocabulary, creating an incipient awareness of linguistic registers, discussing items beyond the familial routine, improving written expression, and developing an appreciation for Hispanic culture as manifested in Spanish speaking countries and the U.S. This course is entirely conducted in Spanish.

**Online**
 22215 Sobalvarro, N Online
**SPAN-11 Spanish for Spanish Speakers II**

5.0 units: 90.0 hours lec.

Prerequisite: \*Required\* Previously taken SPAN-10 and passed with a minimum grade of C or better or received and equivalent OR Two years of "Spanish for Spanish Speakers."

\*Advised\* Previously taken LRNR-30 is advised.

This course represents the continuation of SPAN 10. It is designed for students who are fluent in Spanish and who are ready to develop literacy skills. This course continues to focus on extensive reading of all types of texts and their reworking in written form with the intention of expanding the vocabulary, increasing the awareness of linguistic registers, discussing items beyond the familial routine, improving written expression - particularly accentuation and spelling - and developing an appreciation for Latino culture as manifested in any of the Spanish-speaking countries including the USA.

**Online**

22216 Perez, C Online

**Statistics (STAT)****STAT-C1000 Introduction to Statistics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Begins Fall 2025. Effective Fall 2025, STAT-C1000 replaces MATH-10. This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines.

**Online**

12210 Montoya, J Online

12211	Dawson, C	Online
12212	Dawson, C	Online
12213	Mitchell, P	Online
12214	Montoya, J	Online
12215	Diaz, L	Online
12216	Diaz, L	Online
12222	Sugimoto, K	Online
12224	Lane, J	Online
12826 	Saad, B	Online
12827	Mitchell, P	Online
12830	Diaz, L	Online

**Merced Campus**

10219 	MW	11:00a-12:25p	Sutterfield, M	SCI-204
10220	MW	11:00a-12:25p	Swenson, D	IAC-144
10221	MW	12:35p-02:00p	Montoya, J	SCI-207
10223	TTh	07:45a-09:10a	Dawson, C	SCI-207
10224	TTh	09:20a-10:45a	Navarro, I	SCI-203
10225	TTh	09:20a-10:45a	Swenson, D	IAC-144
10227	TTh	11:00a-12:25p	Diaz, L	IAC-144
10229	TTh	12:35p-02:00p	Mitchell, P	SCI-205

**Los Banos Campus**

74441	MW	11:00a-12:25p	Shumaker, N	LB-B-110
74445	TTh	11:00a-12:25p	Shumaker, N	LB-B-110

**STAT-C1000E Introduction to Statistics**

4.0 units: 54.0 hours lec,

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Begins Fall 2025. Effective Fall 2025, STAT-C1000E replaces MATH-10S. This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines. This course has embedded support. Also included is a review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis.

**Merced Campus**

10233 	MW	09:20a-10:45a	Dawson, C	SCI-205
	TTh	09:20a-10:45a	Dawson, C	SCI-205
10234	MW	12:35p-02:00p	Valenzuela, N	IAC-144
	MW	02:10p-03:35p	Valenzuela, N	IAC-144
12750	TTh	12:35p-02:00p	Montoya, J	SCI-207

**Los Banos Campus**

74453	MW	02:10p-03:35p	Bryan, J	LB-B-111
	MW	03:45p-05:10p	Bryan, J	LB-B-111

**Online**

12228		Diaz, L	Online
12229		Albert, M	Online

**Student Government (STGV)****STGV-33B Student Government II**

2.0 units: 18.0 hours lec,

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a continuation of STGV-33A. The course is designed to introduce students to the ethical dimensions of an organization and to train them to identify social dilemmas, analyze them systematically and resolve them based on core values and codes of conduct found in a college setting. Students may enroll without holding an office.

**Merced Campus**

81060	M	08:00a-08:50a	McGhee, S	B&E-222
	M	09:00a-09:50a	McGhee, S	B&E-222
	W	08:00a-09:50a	McGhee, S	B&E-222
81061	M	08:00a-08:50a	McGhee, S	INT-INT
	M	09:00a-09:50a	McGhee, S	INT-INT
	W	08:30a-09:50a	McGhee, S	INT-INT

**Theatre Arts (THTR)****THTR-01 Introduction to Theater**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the art of theatre that delves into the nature of theatrical presentation, elements of dramatic structure, and the contributions of the playwright, actors, director, designers, technicians, and the audience.

**Online**

52019			McCue-Bryx, L	Online
51130	MW	11:00a-12:25p	McCue-Bryx, L	B&E-217

**THTR-14 Script Analysis: Plays in Performance Plays in Performance**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

In this course, actors will develop textual interpretation skills that enable them to analyze the action, images, characterization, and other components of a play for performance. These components are crucial to understanding textual detail that goes beyond literal meaning, and indeed prepares students for an industry focused on page-to-stage success.

**Merced Campus**

51110	TTh	12:30p-01:25p	McCue-Bryx, L	THTR-STG
	TTh	01:35p-03:00p	McCue-Bryx, L	THTR-STG

**THTR-20 Rehearsal and Performance in Production**

3.0 units: 18.0 hours lec, 108.0 hours lab.

Limitation on Enrollment: Enrollment by audition or interview. Instructor signature required. This course covers the audition, rehearsal, and performance period of a theatre production. Students will participate in a show as a performer, choreographer, or assistant director. The course focuses on concepts, processes, and techniques in performance and directing. Emotional development of dramatic characters and justification of physical actions will be stressed. Read-throughs will help students develop proficiency with script analysis on technical and literary levels.

**Merced Campus**

59000	-	McCue-Bryx, L	THTR-1
Comments: This 13-week class is held from 01/12/2026-04/19/2026.			

**THTR-21 Technical Theatre in Production**

3.0 units: 18.0 hours lec,

Limitation on Enrollment: Limitation on enrollment: Enrollment by interview. Instructor signature required. This course covers the interview, rehearsal, and performance period of a production. Students will participate in a show as a stage manager, assistant stage manager, or part of the running crew. They will focus on learning and applying skills in one of the following areas: stage management, scenery, properties, costumes, lighting, sound, or makeup. Understanding the basic concepts, processes, and techniques of technical theatre will deepen students' appreciation of theatre as a collaborative endeavor. Production team members practice leadership and problem-solving skills by role-playing common scenarios encountered during shows. Additionally, students develop textual analysis, research, and notation skills through completing beginning documentation and collection practices.

**Merced Campus**

59001 McCue-Bryx, L THTR-1  
 Comments: This 13-week class is held from 01/12/2026-04/19/2026.

### Truck Driver Training (TRK)

#### TRK-769 Class A CDL Permit Training

0.0 units:

In TRK 769, students will learn the material necessary to successfully pass the DMV Commercial Learners Permit test, which will include the option for multiple Class A endorsements. In addition, students will gain knowledge and develop additional skills necessary to become a professional truck driver.

#### Merced Campus

95940 MTWTh 08:00a-05:00p Blount, R BRC-123  
 F 08:00a-05:00p Blount, R OFML-MISC

#### TRK-770 Class A CDL Behind-the Wheel Training

0.0 units:

Prerequisite: \*Required\* Take TRK-769

In TRK 770, students will learn safe operational and driving skills, for a Class A commercial driver's license (CDL), through behind the wheel operations. In addition, students will gain knowledge and develop skills necessary to become a professional truck driver.

#### Merced Campus

95941 MTWThF 08:00a-05:00p Blount, R OFML-MISC

### Tutorial (TUTR)

#### TUTR-35 Tutorial Seminar

1.0 units:

This is a course designed to provide tutors in the Merced College Tutorial program with the opportunity to explore more fully their experiences in the program. Tutors will receive instruction in the areas of tutorial technique, group organizations, relationships with faculty and peers, evaluation techniques and content tutoring.

#### Online

22026 Flatt, S Online

### Virtual Office (VIRT)

#### VIRT-51 Social Media

3.0 units: 45.0 hours lec,

The student will learn how to use social media platforms effectively for a business setting.

#### Online

92855 Pirtle, T Online  
 92856 Pirtle, T Online

#### VIRT-55 Social Media Marketing and Strategy

3.0 units: 45.0 hours lec,

This course prepares the student for the role of a social Media Marketer/Strategist.

#### Online

92800 Visola, T Online

### Vocational Nursing (VOCN)

#### VOCN-44 Principles and Practices of Nursing Care II

14.0 units: 144.0 hours lec,

Prerequisite: \*Required\* Take VOCN-42; Minimum grade C,P;  
 \*Required\* Take VOCN-47C

Limitation on Enrollment: Enrollment in the Vocational Nursing Program; current CPR card; a negative TB skin test or negative chest x-ray. This course emphasizes theoretical principles of Maslow's basic human needs of safety, hygiene, rest, activity, comfort and self-actualization as it relates to common and complex health problems occurring in individuals of all age groups. Pathophysiologic and psychosocial assessment and management of medical-surgical disorders are stressed. General pharmacological and nutritional considerations are included. Clinical experience is integrated. This is part of the third semester of a three semester course.

#### Online

41019 Sulieman, S Online

### VOCN-46A Applied Mathematics for Pharmacology

1.0 units: 18.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

This is an introductory pharmacology course which includes an introduction to the professional context of drug administration, and study of the metric, apothecary, and household systems of measurement. Nursing responsibility to patient safety is included. Completion of this course requires accurate interpretation of doctors order, reading medication bottles, calculating drug dosages, and the reason for their application.

#### Online

42802 Carroll, J Online  
 42804 Carroll, J Online

#### Merced Campus

49003 M 10:00a-12:50p Brown, S AHC-130  
 49004 M 10:00a-12:05p Tafoya, G AHC-130  
 49005 W 01:00p-03:05p Roe, L AGIT-130

### VOCN-47C Nursing Guidance III

1.0 units: 18.0 hours lec.

Prerequisite: \*Required\* Take VOCN-42; Minimum grade C,P;

\*Required\* Take VOCN-44

Limitation on Enrollment: Enrollment in the Vocational Nursing program. This course examines current and evolving patterns of mental health care and the shifts from inpatient custodial care to community-based treatment for the mentally ill. This course also examines the health-illness continuum, psychopathology, neuroses and psychoses, clinical disorders and maladaptations of behavior, and psychopharmacological approaches to treatment.

#### Merced Campus

41020 W 11:40a-12:35p Thompson, L AHC-130

### Welding Technology (WELD)

#### WELD-01 Fundamentals of Shielded Metal Arc Weld Shielded Metal Arc Welding

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Previously taken WELD-54 and WELD-55 or must be taken concurrently.

This course teaches the fundamentals of Shielded Metal Arc Welding as well as Carbon Arc Cutting as it relates to structural steel.

#### Merced Campus

39409 MTWTh 08:00a-10:00a Col, D AG-10  
 MTWTh 10:00a-04:30p Col, D IT-6  
 39499 MTWTh 08:00a-10:00a Col, D AG-10  
 MTWTh 10:00a-04:30p Col, D IT-6

#### Los Banos - Off Campus

79801 MTWTh 08:00a-10:10a Xiong, F OFLL-HBPG  
 MTWTh 10:25a-01:40p Xiong, F OFLL-HBPG  
 79803 MTWTh 08:00a-10:10a Xiong, F OFLL-HBPG  
 MTWTh 10:25a-01:40p Xiong, F OFLL-HBPG

#### WELD-02 Fundamentals of Gas Metal & Flux Cored

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Previously taken WELD-54 and WELD-55 or must be taken concurrently.

This course provides introductory skills in Gas Metal and Flux Cored Arc Welding. Safety in all aspects of welding will also be covered.

#### Merced Campus

39124 MTWTh 07:00a-09:15a Scroggins, B AG-10  
 MTWTh 09:15a-04:30p Scroggins, B IT-6  
 39125 MTWTh 07:00a-09:15a Scroggins, B AG-10  
 MTWTh 09:15a-04:30p Scroggins, B IT-6

#### Los Banos Off-Campus

79807 MTWTh 08:00a-10:05a Xiong, F OFLL-HBPG

79809	MTWTh	10:15a-01:25p	Xiong, F	OFLL-HBPG
	MTWTh	08:00a-10:05a	Xiong, F	OFLL-HBPG
	MTWTh	10:15a-01:25p	Xiong, F	OFLL-HBPG

**WELD-46 Advanced Arc Welding Procedure**

1.0 units: 54.0 hours lab.

Prerequisite: \*Advised\* Previously taken WELD-01 (formerly WELD-06) and WELD-02 (formerly WELD-07) are advised, but not required.

This course is designed to emphasize the skills and techniques of Shielded Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding, Air Carbon Arc Cutting and Oxyacetylene flame cutting as related to pipe and structural members. Included will be welding assembly print interpretation, weld symbol interpretation, and weld joint preparation. Students will be prepared to take an AWS Welder Certification Test during this course.

**Merced Campus**

39146	MTWTh	08:00a-02:25p	Scroggins, B	IT-6
39147	MTWTh	08:00a-02:25p	Scroggins, B	IT-6
39635	MW	05:10p-08:15p	Scroggins, B	IT-6

**Los Banos Off-Campus**

79839	MTWTh	08:00a-11:30a	Xiong, F	OFLL-HBPG
	MTWTh	12:00p-03:00p	Xiong, F	OFLL-HBPG
79843	FS	08:00a-11:30a	Opinski, C	OFLL-HBPG
	FS	12:00p-05:20p	Opinski, C	OFLL-HBPG
79845	FS	08:00a-11:30a	Opinski, C	OFLL-HBPG
	FS	12:00p-05:20p	Opinski, C	OFLL-HBPG

**WELD-54 Print Reading and Sketching for Welder's**

2.0 units: 18.0 hours lec,

This course is designed to prepare students to read and interpret industrial prints as well as give those students basic skills in sketching as it relates to the communication of reading prints.

**Merced Campus**

39126	MTWTh	08:00a-09:15a	Scroggins, B	AG-10
	MTWTh	09:15a-01:30p	Scroggins, B	IT-6B
39127	MTWTh	08:00a-09:15a	Scroggins, B	AG-10
	MTWTh	09:15a-01:30p	Scroggins, B	IT-6B

**Los Banos Off-Campus**

79863	MTWTh	02:10p-03:15p	Opinski, C	OFLL-HBPG
	MTWTh	03:25p-06:45p	Opinski, C	OFLL-HBPG
79865	MTWTh	02:10p-03:15p	Opinski, C	OFLL-HBPG
	MTWTh	03:25p-06:45p	Opinski, C	OFLL-HBPG

**WELD-55 Equipment Operation and Safety Safety**

3.0 units: 36.0 hours lec,

This course is an introduction to the welding program. It gives students the opportunity to familiarize themselves with commonly used equipment found in industry. In addition to familiarizing themselves with industry standard equipment, they will be trained in lab procedures which will ensure students in advanced classes can use the equipment without reserve.

**Merced Campus**

39128	MTWTh	07:30a-09:45a	Scroggins, B	AG-10
	MTWTh	09:45a-05:00p	Scroggins, B	IT-6
39129	MTWTh	07:30a-09:45a	Scroggins, B	AG-10
	MTWTh	09:45a-05:00p	Scroggins, B	IT-6

**Los Banos Off-Campus**

79869	-	Xiong, F		
	MTWTh	08:00a-03:25p	Xiong, F	OFLL-HBPG
79871	-	Xiong, F		
	MTWTh	08:00a-03:25p	Xiong, F	OFLL-HBPG

**WELD-56 Welding Design and Fabrication Construction**

5.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Previously taken WELD-54 and WELD-55 or must be taken concurrently.

This course covers the application of basic metal and fabrication as it

relates to the structural steel industry.

**Merced Campus**

36166	-	Col, D		
	TTh	05:00p-10:25p	Col, D	IT-6
39131	-	Col, D		
	MTWTh	08:00a-04:30p	Col, D	IT-6

**Los Banos Off-Campus**

79875	MTWTh	08:00a-11:10a	Xiong, F	OFLL-HBPG
	MTWTh	11:40a-06:10p	Xiong, F	OFLL-HBPG
79877	MTWTh	08:00a-11:10a	Xiong, F	OFLL-HBPG
	MTWTh	11:40a-06:10p	Xiong, F	OFLL-HBPG
79879	FS	08:00a-11:20a	Opinski, C	OFLL-HBPG
79881	FS	11:50a-06:55p	Opinski, C	OFLL-HBPG

**WELD-58 Fundamentals of Gas Tungsten Arc Welding**

2.0 units: 18.0 hours lec,

Prerequisite: \*Required\* Previously taken WELD-01 (formerly WELD-06) and WELD-02 (formerly WELD-07) or must be taken concurrently.

This course provides introductory skills in Gas Tungsten Arc Welding (GTAW) as it relates to welding aluminum, stainless, and carbon steels.

**Merced Campus**

36165	TTh	05:10p-06:10p	Col, D	AG-11
	TTh	06:10p-09:15p	Col, D	IT-6
39132	MTWTh	08:00a-10:05a	Col, D	AG-10
	MTWTh	10:05a-04:30p	Col, D	IT-6
39162	MTWTh	08:00a-10:05a	Col, D	AG-10
	MTWTh	10:05a-04:30p	Col, D	IT-6

**Los Banos Off-Campus**

79887	MTWTh	01:55p-02:45p	Xiong, F	OFLL-HBPG
	MTWTh	02:55p-06:05p	Xiong, F	OFLL-HBPG
79889	MTWTh	01:55p-02:45p	Xiong, F	OFLL-HBPG
79891	FS	08:00a-10:20a	Opinski, C	OFLL-HBPG
	FS	10:50a-06:15p	Opinski, C	OFLL-HBPG
79893	FS	08:00a-10:20a	Opinski, C	OFLL-HBPG

**WELD-60 Fundamentals of Smaw and Gtaw In Pipe and Tube Welding**

3.0 units: 36.0 hours lec,

This course will provide introductory skills in Shielded Metal Arc Welding and Gas Tungsten Arc Welding as it relates to pipe and tube welding.

**Merced Campus**

39220	MTWTh	08:00a-10:10a	Russell, C	AG-11
	MTWTh	10:20a-01:40p	Russell, C	IT-6A
39221	MTWTh	08:00a-10:10a	Russell, C	AG-11
	MTWTh	10:20a-01:40p	Russell, C	IT-6A

**WELD-61 Gas Tungsten Arc Welding of Pipe Stainless Steel and Carbon Pipe and Tube Welding**

4.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Previously taken WELD-60 is required.

This course will provide introductory skills in Gas Tungsten Arc Welding. As it relates to stainless steel and carbon pipe and tube; including standard fitting applications.

**Merced Campus**

39222	MTWTh	08:00a-10:10a	Russell, C	AG-11
	MTWTh	10:20a-05:10p	Russell, C	IT-6A
39223	MTWTh	08:00a-10:10a	Russell, C	AG-11
	MTWTh	10:20a-05:10p	Russell, C	IT-6A

**WELD-62 Welding Procedures in Shielded Metal Arc, Gas Metal Arc, and Flux Core Arc Welding of Carbon Pipe**

5.0 units: 45.0 hours lec,

This course will prepare students with introductory skills in Shielded Metal Arc Welding, Gas Metal Arc Welding, and Flux Cored Arc Welding of carbon pipe in all positions and progressions.

**Merced Campus**

39224	MTWTh	08:00a-10:00a	Russell, C	AG-11
	MTWTh	10:10a-04:30p	Russell, C	IT-6A
39225	MTWTh	08:00a-10:00a	Russell, C	AG-11
	MTWTh	10:10a-04:30p	Russell, C	IT-6A

**WELD-63 Fitting and Layout for the Pipe And Tube Industry**

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Previously taken WELD-62 is required.

This course will provide students with the introductory skills in the fitting and layout of pipe and tube as well as fit up and tacking.

**Merced Campus**

39226	MTWTh	08:00a-10:50a	Russell, C	AG-11
	MTWTh	11:00a-03:15p	Russell, C	IT-6A
39227	MTWTh	08:00a-10:50a	Russell, C	AG-11
	MTWTh	11:00a-03:15p	Russell, C	IT-6A

**Work Experience (WORK)**
**WORK-40 General Work Experience**

1.0 units: .

This course will enable students to earn college credit for learning or improving skills or knowledge while working. Any type of work is suitable, either paid or volunteer. This course will allow students to sample an experience in a career field that is not related to the student's major. A student must work or volunteer 54 hours to earn each unit of credit.

**Merced Campus**

	-	Pimentel, M
	-	Cates, K

**Workforce Training (WRK)**
**WRK-712 Essential Skills for Job Retention**

0.0 units: .

This course is designed to prepare students for 21st Century Workforce. The course focuses on the importance of essential skills and expectations that employers are seeking within job applicants. Course content includes: preparing a resume and cover letter, understanding the application process, interviewing competencies, and maintaining successful employment.

**Merced Campus**

95999	MTW	12:00p-02:00p	Montague, K	AGIT-141
95991	MTWTh	01:30p-04:30p	Melo,J	BRC-215

# Fall 2025 Honors Classes

## English (ENGL)

### ENGL-C1001H Critical Thinking and Writing Honors

3.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take ENGL-C1000 (formerly ENGL-01A)

Minimum grade C,P.

Effective Fall 2025, ENGL-C1001H replaces ENGL-13H. In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction texts, refining writing skills and research strategies developed in ENGL C1000 College Reading and Writing (C-ID ENGL 100) or similar first-year college writing course. This is an honors course. Readings feature mostly non-fictional essays and books that reflect diverse cultural perspectives on a variety of contemporary issues, such as those involving race, ethnicity, and gender. This honors course is more rigorous than the non-honors version.

#### Online

22020

Epstein-Corbin, S

Online

## History (HIST)

### HIST-17BH Honors United States History and California State and Local Government

3.0 units: 54.0 hours lec,

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and ENGL-C1001 (formerly ENGL-13, PHIL-13) or ENGL-C1001H (formerly ENGL-13H, PHIL-13) is advised.

Limitation on Enrollment: Enrollment in the Honors Program. (See the College Catalog for a description of enrollment requirements). This course examines our national, state, and local history and government from the late 19th century to the present. There will be an emphasis on academic rigor, analytical research, writing, critical thinking, and collaborative learning.

#### Merced Campus

51068

MW 12:35p-02:00p Lorenz, M

IAC-106

## Honors (HNRS)

### HNRS-40D Honors Seminar: The Philosophy of Sex and Love

2.0 units: 36.0 hours lec,

Limitation on Enrollment: Enrollment in the Honors Program. This course will focus on the in-depth discussion and analysis of religious and philosophical theories pertaining to sex and love.

#### Merced Campus

21406

W 01:00p-03:05p Alvarez, J

IAC-108

## Humanities (HUM)

### HUM-02H Honors Studies in Humanities: Renaissance to Present

3.0 units: 54.0 hours lec,

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

The principal aim of this course is to examine human existence and cultural endeavors from the Renaissance to the present. Students will examine developments in the fine arts, literature, philosophy, religion, and the sciences from a variety of cultures, both Western and non-Western. There will be an emphasis on collaborative learning, research, and writing.

#### Online

22303

Winters, A

Online

## Philosophy (PHIL)

### PHIL-01H Honors Introduction to Philosophy

3.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take ENGL-C1000 (formerly ENGL-01A); Minimum Grade C,P;

This course introduces philosophical ideas and methods concerning self-identity, knowledge, reality and values. These topics will be discussed through reading primary philosophical texts taken from the traditional and modern Western philosophical canon, as well as from non-canonical sources. There will be an emphasis on philosophical research and writing. Students taking this class must be enrolled in the Honors Program. See the college catalog for a description of enrollment requirements.

#### Merced Campus

21402

MW

11:00a-12:25p Alvarez, J

B&E-204

# Spring 2026 Los Banos Classes

## Agriculture Plant Science (AGPS)

### AGPS-01 Elements of Plant Science

4.0 units: 54.0 hours lec,

Introduction to plant science including structure, growth processes, propagation, physiology, growth media, biological competitors, and post-harvest factors of food, fiber, and ornamental plants. Laboratory required.

#### Los Banos Campus

74043	TTh	08:15a-09:10a	Armenta, E	LBAG-LBAG-101
	TTh	09:20a-11:15a	Armenta, E	LBAG-LBAG-101

## Allied Health (ALLH)

### ALLH-63 Nurse Assistant

6.0 units: 63.0 hours lec,

Limitation on Enrollment: 1. Orientation Workshop 2. CPR Card-Module AC 3. Negative TB Screening test within past 6 months or negative chest x-ray within past year 4. Physical within past 6 months 5. DOJ fingerprint clearance 6. Penal Code Violations Clearance. The course provides clinical instruction and practice of basic nursing skills required of nursing assistants employed in skilled nursing facilities and extended care facilities. The course emphasizes care of the older adult client, assistance with the activities of daily living, bathing, dressing, exercise movement, eating, eliminating safety measures, cardiopulmonary resuscitation and rehabilitation techniques. Meets State Department of Health Services requirements for eligibility to take the Nursing Assistant Certification examination.

#### Los Banos Campus

78051	T	05:00p-08:35p	Harrison, A	LB-B-137
	S	06:30a-03:10p	Harrison, A	LB-B-138
	S	06:30a-03:10p	Harrison, A	OFLL-NB

### ALLH-67 Medical Terminology

3.0 units: 54.0 hours lec.

This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

#### Los Banos Campus

78057	T	05:40p-08:45p	Soriano, M	LB-B-106
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## Biology (BIOL)

### BIOL-01 General Biology for Non-Majors

4.0 units: 54.0 hours lec,

Limitation on Enrollment: This course is not open to students having a C or better in BIOL-04A. This is an introductory-level course designed for non-majors. Areas stressed include the origin of life, structure and function of cells, basic processes of life, reproduction, ecology, microbiology, evolution, classification, genetics, and metabolic processes.

#### Los Banos Campus

74091	MW	11:00a-12:25p	Doscher, E	LB-B-135
	M	01:25p-04:30p	Doscher, E	LB-B-102
74093	MW	11:00a-12:25p	Doscher, E	LB-B-135
	W	01:25p-04:30p	Doscher, E	LB-B-104
78091	W	05:40p-08:45p	Sarai, D	LB-B-112
	M	05:40p-08:45p	Sarai, D	LB-B-102

### BIOL-02 Human Biology

4.0 units: 54.0 hours lec,

Limitation on Enrollment: This course is not open to students having a C or better in BIOL-04A or BIOL-04AH. This course is recommended for Allied Health students. This course is an introduction to the principles of biology with an emphasis on humans. Topics covered include scientific

method, cell structure and function, biochemistry, metabolism, cell division, heredity, biotechnology, evolution, anatomy and physiology of the human body, development and aging, disease, and ecology. This course is recommended for allied health students.

#### Los Banos Campus

74097	MW	01:35p-03:00p	Ward, W	LB-A-103
	W	10:00a-01:05p	Ward, W	LB-B-102
74099	MW	01:35p-03:00p	Ward, W	LB-A-103
	W	03:10p-06:15p	Ward, W	LB-B-102

## BIOL-16 General Human Anatomy

4.0 units: 36.0 hours lec,

This course is an intensive study of the structure of the human body. Consideration is given to the skeletal, muscular, circulatory, respiratory, digestive, excretory, reproductive, and nervous systems. Special emphasis is placed on the needs of students majoring in biology, nursing, physical education, and medical sciences.

#### Los Banos Campus

74103	TTh	01:35p-02:30p	Ward, W	LB-A-103
	TTh	10:00a-01:05p	Ward, W	LB-B-102
74105	TTh	01:15p-02:15p	Doscher, E	LB-B-101
	TTh	02:30p-05:35p	Doscher, E	LB-B-102

## BIOL-18 Principles of Physiology

4.0 units: 54.0 hours lec,

This course is a general lecture and laboratory course in human physiology, including a study of blood and circulation, respiration, muscle activity, endocrine glands, digestion, excretion, and the functions and activities of the brain, nerves, and sense organs.

#### Los Banos Campus

74107	T	07:45a-10:50a	Doscher, E	LB-B-135
	W	07:45a-10:50a	Doscher, E	LB-B-105

## BIOL-20 Microbiology

4.0 units: 36.0 hours lec,

This is an introductory course familiarizing students with basic laboratory techniques and fundamental topics of microbiology. Laboratory work includes aseptic techniques, staining procedures, biochemical characterization, serology, and DNA technology used in the identification of microorganisms. Lecture topics consist of a historical overview, genetics, metabolism, cell physiology, growth requirements, immunology, and host-parasite interactions between humans and bacteria, viruses, protozoa, and helminthes. The course is designed for students in any of the allied health professions.

#### Los Banos Campus

72719	-	Ward, W		
	TTh	03:10p-06:15p	Ward, W	LB-B-104

## Business (BUS)

### BUS-18A Business Law

4.0 units: 72.0 hours lec.

This course is a study of legal principles that govern the conduct of business. Included are surveys of the essential elements of legal history and jurisprudence; judicial, administrative, and alternative dispute resolution; ethics; business crime; torts; contracts and the UCC; bankruptcy; agency relationships; property; administrative law; labor and employment law; international law. Introduction to legal research and brief-writing are also included.

#### Los Banos Campus

78113	MW	05:30p-07:30p	McMurray, P	LB-B-106
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## Business - Non-Credit (BUSN)

**BUSN-752 Introduction to Office Occupations**

0.0 units:

This course introduces adult learners to modern computing, focusing on the Windows environment. Students will learn to navigate desktops, execute basic commands, browse the internet, use email and download files. Topics also include cloud storage, cybersecurity basics, online collaboration tools and use of apps for remote communication and productivity essential for today's technology-driven workplace. This course is 24 to 288 hours in duration.

**Los Banos Campus**

75900 TTh 12:30p-02:00p Her, P LB-A-108

**BUSN-756 Introduction to Office Occupations**

0.0 units: .

This entry-level course is designed for the adult student who desires vocational training in the field of Office Occupations. This course will introduce students to computers and the Windows software environment. Students will learn to identify the components of desktop screens and learn to execute basic computer commands. The class will also cover keyboarding, email, basic business skills and downloading files. The course is project-based to develop student entry-level skill proficiency in using Microsoft Office Word, Power Point, Excel and Access. Various simulations reflective of real life experiences will be a major part of the instructional units. The course is 384 to 480 hours in duration and is open entry format.

**Los Banos Campus**

75909 MTWTh 08:00a-12:00p Her, P LB-A-108

**Chemistry (CHEM)****CHEM-02A Introductory Chemistry**

4.0 units: 54.0 hours lec,

This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

**Los Banos Campus**

74119	MW	11:00a-12:25p	Khurana, S	LB-B-106
	M	07:45a-10:50a	Khurana, S	LB-B-105
74121	MW	11:00a-12:25p	Khurana, S	LB-B-106
	W	01:25p-04:30p	Khurana, S	LB-B-105

**Child Development (CLDV)****CLDV-01 Child Growth and Development**

3.0 units: 54.0 hours lec.

Examines the progression of development in the physical, cognitive, social, and emotional domains and identifies developmental milestones for children from conception through adolescence. Emphasis on interactions between biological processes and environmental factors. Students will observe children, evaluate individual differences, and analyze characteristics of development at various stages according to developmental theories. (Approved for C-ID CDEV 100)

**Los Banos Campus**

74129 TTh 11:00a-12:25p Heft, A LB-B-134

**CLDV-05 Health, Safety and Nutrition**

3.0 units: 54.0 hours lec.

Laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Includes the teacher's role in prevention strategies, nutrition and meal planning, integrating health safety and nutrition experiences into daily routines, and overall risk management. (Approved for C-ID ECE220)

**Los Banos Campus**

74135 TTh 12:35p-02:00p Heft, A LB-B-134

**CLDV-06 Teaching in A Diverse Society**

3.0 units: 54.0 hours lec.

Examines the historical and current perspectives on diversity and

inclusion and the impact of systemic societal influences on children's development, learning, and school experiences. Strategies for developmentally, culturally, and linguistically appropriate anti-bias curriculum will be explored as well as approaches to promote inclusive and equitable classroom communities. Includes self-reflection on the influence of teachers' own culture and life experiences on teaching and interactions with children and families. (Approved for C-ID ECE 230)

**Los Banos Campus**

78139 W 05:40p-08:45p Parra, L LB-B-134

**CLDV-07L Practicum**

3.0 units: 18.0 hours lec,

Limitation on Enrollment: As per California Law SB792, all volunteers, students, and employees of educational/service facilities must provide documentation verifying required immunizations and negative TB test. These requirements must be met prior to the start of class. Demonstration of developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teacher responsibilities.

**Los Banos Campus**

74143	T	04:30p-05:25p	Heft, A	LB-B-134
	MW	08:30a-11:35a	Heft, A	CDCL-SOL
74145	T	04:30p-05:25p	Heft, A	LB-B-134
	TTh	08:30a-11:35a	Heft, A	CDCL-SOL
74147	T	04:30p-05:25p	Heft, A	LB-B-134
	MW	01:00p-11:35a	Heft, A	CDCL-SOL
74149	T	04:30p-05:25p	Heft, A	LB-B-134
	TTh	01:00p-04:05p	Heft, A	CDCL-SOL

**Communication Studies (COMM)****COMM-30 Introduction to Intercultural Communication**

3.0 units: 54.0 hours lec.

Introduction to intercultural communication in domestic and/or global contexts. Influence of cultures, languages, and social patterns on how members of groups relate among themselves and with members of different ethnic and cultural groups. Theory and knowledge of effective communication within and between cultures. Appreciation and comparison of communication among diverse groups within the larger context of American culture. (Approved for C-ID COMM 150)

**Los Banos Campus**

74173 TTh 09:20a-10:45a Hobbs, L LB-A-119

**COMM-C1000 Introduction to Public Speaking**

3.0 units: 54.0 hours lec.

Effective Fall 2025, COMM-C1000 replaces COMM-01. In this course, students learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society. Students discover, develop, and critically analyze ideas in public discourse through research, reasoning, organization, composition, delivery to a live audience and evaluation of various types of speeches, including informative and persuasive speeches. (Approved for C-ID COMM 110)

**Los Banos Campus**

74157	MW	02:10p-03:35p	Cheek, G	LB-B-135
74161	MW	03:45p-05:10p	Cheek, G	LB-B-135
74163	TTh	03:45p-05:10p	Cheek, G	LB-B-135
78159	W	05:40p-08:45p	Cheek, G	LB-B-135

**Criminal Justice (CRIM)**

**CRIM-06 Introduction to Evidence**

3.0 units: 54.0 hours lec.

This course is a study of the origin, development, philosophy, and constitutional basis of evidence; constitutional and procedural considerations affecting arrest; search and seizure; kinds and degrees of evidence and rules governing admissibility and exclusion of criminal evidence; judicial decisions interpreting individual rights, and case studies viewed from a conceptual level.

**Los Banos Campus**

78189 TTh 07:05p-08:30p Melden, J LB-B-107

**Economics (ECON)****ECON-02 Introduction to Macroeconomics**

3.0 units: 54.0 hours lec.

ECON-02 is an introductory course in macroeconomic theories including the determination of income, output, employment, and prices in the economy; the monetary system; governmental fiscal, monetary, and income policies; economic growth; international trade; and economic development.

**Los Banos Campus**

78201 MW 05:30p-06:55p McNally, T LB-B-107

**Education - Non-Credit (EDU)****EDU-112C Skills Acquisition for Student Success - Allied Health**

0.0 units: .

This course is designed to provide students the opportunity to improve and enhance their allied health skills through any number of training exercises that assist in the clinical development of and reinforcement of the practical allied health skills. The course is in a lab setting enriched with a resource library, manikins (for skills practice), and computer stations. Course duration is 8-36 hours. Open Entry.

**Los Banos Campus**

75005	Th	10:00a-02:00p	Valdez, M	LB-B-135
75007	Th	10:00a-02:00p	Valdez, M	LB-B-135
75013	S	08:00a-12:00p	Melander, S	LB-B-138
75015	S	08:00a-12:00p	Melander, S	LB-B-138

**EDU-508 Mature Driver Improvement**

0.0 units: .

This course is designed primarily for drivers age 55 and older. Students receive classroom instruction on driving safety, road courtesy, improving driving performance, and safe driving techniques for emergencies. This course is 8 hours in duration.

**Los Banos Campus**

75021 08:30a-04:30p Rentfrow, R OFLL-LBCC

**Emergency Medical Care (EMER)****EMER-50A Emergency Medical Technician 1, Module A**

2.5 units: 40.5 hours lec,

Limitation on Enrollment: Negative chest xray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare provider. This is the first of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians. Students will fulfill 0.75 total lab hours per week by arrangement.

**Los Banos Campus**

79043	MW	05:30p-09:30p	LB-B-138
	F	05:30p-07:55p	LB-B-138

**EMER-50B Emergency Medical Technician 1, Module B**

4.5 units: 67.5 hours lec,

Limitation on Enrollment: Neg. TB test before start of Module B for clinical rotations. Current CPR based on American Heart Association BLS Healthcare Provider. Must include Adult, Infant, Child CPR and AED. This is the second of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians. Students will fulfill 2.25 total lab hours per week by arrangement.

**Los Banos Campus**

79045	MW	05:30p-08:40p	LB-B-138
	F	05:30p-09:45p	LB-B-138

**English (ENGL)****ENGL-01B Introduction to Literature**

3.0 units: 54.0 hours lec.

This course introduces representative works from four major genres: short story, novel, drama, and poetry. Students develop analytical and evaluative reading and writing skills while acquiring an appreciation for the cultural context and the aesthetic qualities of literature. Students read texts from various countries and periods in order to encourage an appreciation of literature's range, artistry, and insight into the human experience.

**Los Banos Campus**

74243 MW 09:20a-10:45a Kludt, K LB-B-135

**ENGL-95S Enhanced Academic Literacy**

2.0 units: 36.0 hours lec.

This course is designed to provide supplemental instruction and support for students enrolled in a linked section of English 01A. Students will further develop academic skills in reading, writing, and researching. In addition, they will learn to address strategies for academic success and be able to utilize computerized technology necessary for a composition course.

**Los Banos Campus**

74215 MW 01:15p-02:10p Nelson, K LB-B-137

74229	TTh	01:30p-02:25p	Long, J	LB-B-137
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**ENGL-C1000 Academic Reading and Writing**

4.0 units: 72.0 hours lec.

Effective Fall 2025, ENGL-C1000 replaces ENGL-01A. In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research. Students also receive instruction in reading processes, information literacy, and disciplinary documentation practices.

**Los Banos Campus**

74211	MW	12:30p-02:30p	Sylva, A	LB-B-136
74213	MW	11:00a-01:00p	Nelson, K	LB-B-137
74217	MW	02:45p-04:45p	Nelson, K	LB-B-137
74219	TTh	12:30p-02:30p	Sylva, A	LB-B-136
74221	TTh	08:00a-10:00a	Long, J	LB-B-137
74223	TTh	10:15a-12:15p	Long, J	LB-B-137
74227	TTh	02:45p-04:45p	Long, J	LB-B-137

**ENGL-C1001 Critical Thinking and Writing**

3.0 units: 54.0 hours lec.

Effective Fall 2025, ENGL-C1001 replaces ENGL/PHIL-13. In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction texts, refining writing skills and research strate-

gies developed in ENGL C1000 College Reading and Writing (C-ID ENGL 100) or similar first-year college writing course. Readings feature mostly non-fictional essays and books that reflect diverse cultural perspectives on a variety of contemporary issues, such as those involving race, ethnicity, and gender.

**Los Banos Campus**

74261	MW	11:00a-12:25p	Sylva, A	LB-B-136
74265	TTh	12:30p-02:00p	Taylor, O	LB-B-110

**English - Non-Credit (ENG)**
**ENG-123 Adult Literacy Level 2**

0.0 units: 81.0 hours lec.

In Adult Literacy Level 2, students will read level-appropriate text (400-499 Lexile) with accuracy, at an appropriate fluency rate; write opinion pieces or simple informative text; become familiar with the use of print and digital search tools; and be introduced to guided research.

**Los Banos Campus**

75065	MW	05:00p-07:00p	Cates, K	LB-A-119
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**ENG-124 Adult Literacy Level 3**

0.0 units: 81.0 hours lec.

In Adult Literacy Level 3, students will read level-appropriate text (500-690 Lexile) with accuracy, at an appropriate fluency rate; write guided assignments based on a variety of prompts that attempt to organize, compose, revise, and edit; use print and digital search tools to locate information relevant to a topic; and participate in guided research at the appropriate level.

**Los Banos Campus**

75067	MW	05:00p-07:00p	Cates, K	LB-A-119
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**ENG-125 Adult Literacy Level 4**

0.0 units: 81.0 hours lec.

In Adult Literacy Level 4, students will read level-appropriate text (700-1090 Lexile) with accuracy, at an appropriate fluency rate; write opinion pieces, supporting a logically ordered point of view with facts and reasons based upon source material; use print and digital search tools to locate information relevant to a topic to broaden an understanding of the topic; and participate in guided research at the appropriate level.

**Los Banos Campus**

75069	MW	05:00p-07:00p	Cates, K	LB-A-119
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**ENG-801 Beginning ESL Skills**

0.0 units: .

This course is for preliterate and nonliterate ESL students who have no, or very few, English language skills. Emphasis of the course is on aural/ oral skills and visual reinforcement. Course duration is 204 - 288 hours.

**Los Banos Campus**

75041	MTWTh	09:00a-12:00p	Hall, Z	LB-A-103
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**ENG-802 Advanced-Beginning ESL Skills**

0.0 units: .

This course is for preliterate and nonliterate ESL students who have minimal English language skills. Emphasis in this course is on aural and oral skills with visual reinforcement. The student will be introduced to reading, writing and math skills. Course duration is 204 - 288 hours.

**Los Banos Campus**

75043	MTWTh	09:00a-12:00p	Hall, Z	LB-A-103
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**ENG-813 Low-Intermediate ESL Skills**

0.0 units: .

This course is designed for low-intermediate level students who need more practice with English skills. This course includes practice in listening, speaking, reading, and writing. Course duration is 204 - 288 hours.

**Los Banos Campus**

75045	MTWTh	09:00a-12:00p	Okuye, S	LB-A-105
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**ENG-815 Intermediate ESL Skills**

0.0 units: .

This course is for intermediate level students who have learned basic survival skills, but who need instruction that will lead to a relatively sophisticated level of discourse of issues and ideas that reach beyond basic survival. This course will prepare students to take credit courses at Merced College. This course includes practice in listening, speaking, reading, and writing. Course duration is 204 - 288 hours.

**Los Banos Campus**

75047	MTWTh	09:00a-12:00p	Okuye, S	LB-A-105
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**ENG-820 ESL Workforce Training for Adults**

0.0 units: 72.0 hours lec.

This 72-hour course provides intensive language acquisition skills that prepare non-native English speakers to enter the workforce. The focus is on building communication skills and listening strategies that are necessary to succeed at entry-level positions in a variety of job settings. Students will practice conversation skills while learning about the culture of work, follow oral instructions, and learn to meet employment expectations.

**Los Banos Campus**

75099	M	12:00p-02:00p	Okuye, S	LB-A-105
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**Ethnic Studies (ETHN)**
**ETHN-20 History of Asian Americans**

3.0 units: 54.0 hours lec.

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

**Los Banos Campus**

74349	MW	09:20a-10:45a	Fong, A	LB-A-119
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**ETHN-23 Chicana/O American History and Culture**

3.0 units: 54.0 hours lec.

This interdisciplinary course examines the social, political, and cultural roots of Chicana/os, tracing history from their Indigenous, African, and Spanish beginnings to the present. It analyzes race, ethnicity, and culture, in relation to Chicana/o communities and their social justice movements and struggles. The course provides a basis for a better understanding of the socio-economic, cultural, and political conditions among Chicana/os through historical consideration of the creation and development of Ethnic Studies programs in the United States. Special emphasis is also placed on the contributions of Chicana/o scholars, artists, and activists by using an intersectional decolonial lens to explore the effects of (neo)colonialism, imperialism, white supremacy, Eurocentrism, and racism.

**Los Banos Campus**

74353	TTh	02:10p-03:35p	Mendez, J	LB-B-107
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**G.E.D. - Non-Credit (GED)**
**GED-101 Basic Skills Development and Ged Preparation**

0.0 units: .

This 204-288 hours course is designed to build the basic academic skills of adult learners in the areas of reading comprehension, language and evidence-based writing, mathematical reasoning, life, physical, and earth sciences, and social science. Special emphasis is placed on analytical reading skills, problem solving, and test preparation. The content of this course is reflective all new modifications to the GED exam. Subject matter included are the areas covered by the GED exam such as science, social studies, literature, mathematics and writing.

**Los Banos Campus**

75071	MTWTh	08:00a-11:00a	Deeming, K	LB-B-112
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**Geography (GEOG)**
**GEOG-01 Physical Geography**


3.0 units: 54.0 hours lec.  
 This course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

**Los Banos Campus**

74305 MW 03:45p-05:10p Brown, M LB-B-107

an intersectional decolonial lens to explore the effects of (neo)colonialism, imperialism, white supremacy, Eurocentrism, and racism.

**Los Banos Campus**

74355 TTh 02:10p-03:35p Mendez, J LB-B-107

**History - Non-Credit (HST)**
**HST-900 American Citizenship**

0.0 units: .

This course is best suited for non-U.S. citizens. It will provide non-U.S. citizens with a study of the federal and state system of government and the U.S. Constitution, preparing them for the naturalization citizenship interview with United States Citizenship and Immigration Services (US-CIS). The course will include civil rights, voting, historical development of the U.S., types of government, the electoral process, political parties, the executive, legislative, and judicial branches of government, and the relationship between the state and federal systems of government. The student can practice reading, writing, speaking, listening, and pronunciation in English.

**Los Banos Campus**

75077 TTh 05:00p-07:00p McNally, T LB-A-119

**Human Services (HMSV)**
**HMSV-24 Work Experience in Human Services**

1.0 units: .

This course enables students to earn college credit for learning or improving skills and/or knowledge on-the-job. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in human services before enrolling in the course.

**Los Banos Campus**

73021 -  
 73023 -  
 73025 -  
 73027 -

**Kinesiology (KINE)**
**KINE-35 Flexibility and Cardiovascular Fitness**

2.0 units: .

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. Practical applications of all aspects of flexibility and cardiovascular conditioning are presented and performed. A system of class presentation is used to insure a gradual, safe, and total physiological adaptation of the student to exercise. A gradual, progressive, safe, and eventually total body fitness experience is pursued. Geriatric fitness adaptations are emphasized.

**Los Banos Campus**

78381 MW 05:30p-08:35p King, D LB-B-136

**Mathematics (MATH)**
**MATH-02 Precalculus**

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.

**Los Banos Campus**

74403 08:45a-10:45a Shumaker, N LB-B-110

**MATH-04A Calculus I**

4.0 units: 72.0 hours lec.

This course covers limits, continuity, differentiation and integration of algebraic and transcendental functions along with their respective applications.

**Los Banos Campus**

74407 MW 10:15a-12:15p Bryan, J LB-B-111

**MATH-04B Calculus II**

4.0 units: 72.0 hours lec.

This course is a continuation of MATH-04A, addressing application of integration, methods of integration, improper integrals, Taylor's Formula, infinite series, and plane curves and polar coordinates.

**Los Banos Campus**

74417 MW 02:45p-04:45p Shumaker, N LB-B-110

**MATH-04C Multivariable Calculus**

4.0 units: 72.0 hours lec.

This course covers vectors and solid analytic geometry, vector-valued functions, partial differentiation, multiple integrals, and topics in vector calculus including Green's and Stokes' theorems.

**Los Banos Campus**

74419 TTh 02:45p-04:45p Shumaker, N LB-B-110

**MATH-22 Modern Mathematics**

3.0 units: 54.0 hours lec.

A survey course in mathematical problem solving using modern topics including social choice, management science, finance, and statistics.

**Los Banos Campus**

74399 MW 12:35p-02:00p Bryan, J LB-B-111

**Medical - Non-Credit (MED)**
**MED-717 Medical Assisting**

0.0 units: .

This entry level course designed for the adult students who desire vocational training in the field of medical assisting. Course instruction includes an overview of the career of medical assisting, knowledge of medical law and ethics, oral and written communication skills, medical terminology, anatomy and physiology, and administrative and clinical office procedures. This course is 768 to 960 hours in duration and is open entry format.

**Los Banos Campus**

75903 TTh 04:30p-08:30p Jimenez, K LB-B-138  
M 02:45p-06:45p Mehat, S INT-INT  
W 04:30p-08:30p Mehat, S INT-INT

**Music: General (MUSG)**
**MUSG-14 American Popular Music History**

3.0 units: 54.0 hours lec.

This course presents an introduction to the history and literature of the popular music movement in the United States; it is a study of the relationships of popular music to the social history of America. Emphasis is on styles and personalities of folk, blues, jazz, musical theatre, country & western, and rock 'n' roll. This course is designed for the non-music major.

**Los Banos Campus**

74463 M 05:40p-08:45p Faria, M LB-A-103

**Physics (PHYS)**
**PHYS-04A Physics I**

4.0 units: 54.0 hours lec.

This course is a calculus-based physics course intended for physics and engineering majors as well as some chemistry and math majors. PHYS-04A is the first semester of a three-semester sequence intended to give a technical introduction to physics with emphasis on concepts and principles of physics and problem-solving. PHYS-04A includes the areas of mechanics, wave motion, fluids, and thermal phenomena.

**Los Banos Campus**

74461 MW 02:10p-03:35p Jordan, L LB-B-101

MW 12:35p-02:00p Jordan, L LB-B-101

**Political Science (POLS)**
**POLS-C1000 American Government and Politics Political System**

3.0 units: 54.0 hours lec.

Effective Fall 2025, POLS-C1000 replaces POSC-01. This course is an introduction to government and politics in the United States and California. Students examine the constitutions, structure, and operation of governing institutions, civil liberties and civil rights, political behaviors, political issues, and public policy using political science theory and methodology. Emphasis is placed upon various roles of the national and state government, constitutional rights and obligations of citizens, and the evolution and development of California state political institutions.

**Los Banos Campus**

74501 TTh 09:20a-10:45a Mendez, J LB-B-107

**Political Science (POSC)**
**POSC-07 Politics of Race and Ethnicity**

3.0 units: 54.0 hours lec.

The racial foundations of American democracy have long been contested by communities of color in the United States. Democracy's literal meaning is "rule by the people," yet oppressed groups have questioned who is and is not included in the political community this meaning implies. This course will critically explore historical sources, competing theories, and contemporary examples of American politics and frameworks for democracy. In doing so, students will examine how Black and Indigenous perspectives have contributed to the formation of and struggle against the American political establishment at its foundation, as well as how oppressed groups continue to contest the limits of American democracy in the present.

**Los Banos Campus**

74507 TTh 11:00a-12:25p Brady, A LB-B-105

**Psychology (PSYC)**
**PSYC-01B Introduction to Psychological Research Methods**

3.0 units: 54.0 hours lec.

This course reviews psychological methods of research. Attention will be focused on foundations of experimental design, procedures and methodology for collecting research data, and techniques used to analyze, report, and present findings in APA format. Research design will also be examined through a review of past psychological research and various branches of modern Psychology.

**Los Banos Campus**

74515 TTh 02:10p-03:35p Coahran, S LB-B-106

**PSYC-25 Introduction to Abnormal Psychology**

3.0 units: 54.0 hours lec.

This course is designed to provide the student with an understanding of abnormal behavior as delineated in the "Diagnostic and Statistical Manual of Mental Disorders." Topics include classifications, clinical pictures, causal factors, treatment, and outcomes of maladaptive behavior. Special emphasis will be placed on assessment, therapy, and prevention of maladaptive behavior.

**Los Banos Campus**

74531 MW 09:20a-10:45a Coahran, S LB-B-106

**PSYC-C1000 Introduction to Psychology**

3.0 units: 54.0 hours lec.

Effective Fall 2025, PSYC-C1000 replaces PYSC-01A. This course is an introduction to psychology, which is the study of the mind and behavior. Students focus on theories and concepts of biological, cognitive, developmental, environmental, social, and cultural influences; their applications; and their research foundations.

**Los Banos Campus**

74511 TTh 07:45a-09:10a Coahran, S LB-B-106



## Sociology (SOC)

### SOC-01 Introduction to Sociology

3.0 units: 54.0 hours lec.

This course provides an introduction into what it means to be socio-logically mindful and to think sociologically while understanding the difference from other ways of seeing the social world. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

#### Los Banos Campus

74535 MW 12:35p-02:00p Coahran, S LB-B-106

## Sociology - Non-Credit (SOCL)

### SOCL-760 Career and Life Planning

0.0 units:

This course is designed for students who function at limited levels of cognitive development. It is designed to help students acquire positive workplace attitudes, skills, and habits. This course is 364- 455 hours in duration and may require a work experience component.

#### Los Banos Campus

75091 MTWThF 08:30a-02:30p Huerta, I OFLL-KINGS  
75093 MTWThF 08:30a-02:30p Huerta, I OFLL-KINGS

## Spanish (SPAN)

### SPAN-01 Elementary Spanish I

5.0 units: 90.0 hours lec.

This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

#### Los Banos Campus

74547 TTh 11:15a-01:45p Wynne, C LB-B-112

## Statistics (STAT)

### STAT-C1000 Introduction to Statistics

3.0 units: 54.0 hours lec.

Effective Fall 2025, STAT-C1000 replaces MATH-10. This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings.

Students apply methods and processes to applications using data from a broad range of disciplines.

#### Los Banos Campus

74441 MW 11:00a-12:25p Shumaker, N LB-B-110  
74443 TTh 09:20a-10:45a Shumaker, N LB-B-110  
74445 TTh 11:00a-12:25p Shumaker, N LB-B-110  
77515 TTh 03:30p-4:55p Bryan, J VSP-1

### STAT-C1000E Introduction to Statistics

4.0 units: 54.0 hours lec.

Effective Fall 2025, STAT-C1000E replaces MATH-10S. This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings.

Students apply methods and processes to applications using data from a broad range of disciplines. This course has embedded support. Also included is a review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis.

#### Los Banos Campus

74453	MW	02:10p-03:35p	Bryan, J	LB-B-111
	MW	03:45p-05:10p	Bryan, J	LB-B-111

## Student Government (STGV)

### STGV-33B Student Government II

2.0 units: 18.0 hours lec,

This course is a continuation of STGV-33A. The course is designed to introduce students to the ethical dimensions of an organization and to train them to identify social dilemmas, analyze them systematically and resolve them based on core values and codes of conduct found in a college setting. Students may enroll without holding an office.

#### Los Banos Campus

81061	M	08:00a-08:50a	McGhee, S	INT-INT
	M	09:00a-09:50a	McGhee, S	INT-INT
	W	08:30a-09:50a	McGhee, S	INT-INT

## Work Experience (WORK)

### WORK-40 General Work Experience

1.0 units:

This course will enable students to earn college credit for learning or improving skills or knowledge while working. Any type of work is suitable, either paid or volunteer. This course will allow students to sample an experience in a career field that is not related to the student's major. A student must work or volunteer 54 hours to earn each unit of credit.

#### Los Banos Campus

73061	-	Cates, K
73063	-	Cates, K
73065	-	Cates, K
73067	-	Cates, K
73069	-	Cates, K
73071	-	Cates, K
	-	Cates, K



**Online**

32417

Geyer, R

Online

**Agriculture Tech-Non Credit (AGT)****AGT-701 Agriculture Technical Literacy**

0.0 units: .

Prerequisite: \*Required\* Must take CBEAGT-701A CBEAGT-701B CBEAGT-701C concurrently.

This is a foundational digital literacy course focusing on developing basic computer skills utilized in agriculture. The course will teach basic word applications, spreadsheet skills, PowerPoint and email skills needed for communicating in agricultural settings. The class will also cover accessing information on the internet, reading digital maps and navigating agribusiness applications.

**Online**

32352

Montague, K

Online

**AGT-702 Agricultural Systems**

0.0 units: .

Prerequisite: \*Required\* Must take CBEAGT-702A CBEAGT-702B CBEAGT-702C concurrently.

\*Required\* Must have previously passed AGT-701

: This is a foundational agricultural systems class. This course will cover basics of agricultural trends and its impacts on the agriculture industry. The course will also encompass policies, legislation and supply chain. Additionally, the course will give a general overview of crop production and animal production systems.

**Online**

32350

Montague, K

Online

**AGT-703 Agricultural Technical Literacy**

0.0 units: .

Prerequisite: \*Required\* Must take CBEAGT-703A CBEAGT-703B CBEAGT-703C concurrently.

\*Required\* Must have previously passed AGT-702.

This course provides technical training and familiarization of agricultural basic tools and safety practices. The topics covered in the course are OSHA safety in agricultural settings, basic lock outtag out procedures, proper personal protection equipment, local and federal rules and regulation, and proper hygiene.

**Online**

32351

Montague, K

Online

**AGT-704 Equipment Operation, Configuration And Troubleshooting**

0.0 units: .

Prerequisite: \*Required\* Must take CBEAGT-704A CBEAGT-704B CBEAGT-704C concurrently.

\*Required\* Must have previously passed AGT-703.

This course provides familiarization of electronic and mechanical agricultural equipment operation. The course covers manual/automated controls, troubleshooting electrical and mechanical equipment, and hardware and software setup.

**Online**

32353

Montague, K

Online

**AGT-705 Workplace Effectiveness**

0.0 units: .

Prerequisite: \*Required\* Must take CBEAGT-705A CBEAGT-705B concurrently.

\*Required\* Must have previously passed AGT-704.

This course will address elements of communication, work ethic, workplace etiquette, problem-solving, time-management.

**Online**

32354

Montague, K

Online

**Allied Health (ALLH)****ALLH-67 Medical Terminology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

**Online**

42700

Sulieman, S

Online

42710

Thompson, L

Online

42711

Sulieman, S

Online

42712

Thompson, L

Online

42819

Hannah, S

Online

42829

Carroll, J

Online

**American Sign Language (ASLG)****ASLG-01 Beginning American Sign Language**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to understanding and signing American Sign Language and appreciating the basic elements of the Deaf culture. Emphasis is on obtaining a practical command of the language, including major grammatical components, basic ASL sentence structures, non-manual gestures, expression of spatial relationships in a visual-gestural language, and beginning conversational skills.

**Online**

21302

MW

03:45p-05:10p Chambers, K

IAC-108

22200

Chambers, K

Online

**ASLG-02 High-Beginning American Sign Language**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take ASLG-01. Minimum grade C,P.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course provides high-beginning practice understanding and signing American Sign Language and appreciating the basic elements of the Deaf culture. Emphasis is on obtaining a practical command of the language, including major grammatical components, basic ASL sentence structures, non-manual gestures, expression of spatial relationships in a visual-gestural language, and high-beginning conversational skills.

**Online**

22201

Chambers, K

Online

**Anthropology (ANTH)****ANTH-02 Sociocultural Anthropology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the study of human culture and the concepts, theories, and methods used in the comparative study of socio-cultural systems. Subjects include subsistence patterns, social and political organization, language and communication, family and kinship, religion, the arts, social inequality, ethnicity, gender, and culture change. The course applies anthropological perspectives to contemporary issues.

**Online**

52025

Osborn, S

Online

52026

Osborn, S

Online

**Archaeology (ARCH)****ARCH-01 Introduction to Archaeology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the history, theory, concepts, and methods of the anthropological discipline of archaeology. How do we know anything about the ancient human past? This course answers that question, addressing survey methods, excavation, stratigraphy, dating techniques, artifact analysis, professional ethics, and the role of scientific inquiry in understanding the past, illustrated with examples from ancient cultures around the world.

**Online**

52027 Osborn, S Online

**Art (ART)****ART-02 Survey of Western Art From Renaissance To Contemporary**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

: This course is a survey that examines the historical context of humanity through the development of art, architecture, sculpture, painting and the applied arts from the Renaissance to the Contemporary period.

**Online**52000 Benhissen, L Online  
52028 Isho, D Online  
72015 Cooper, T Online**ART-06 Survey of Modern Art**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

: This course is a survey of the prominent artists and art movements from the 19th and 20th centuries to today. Major works in painting, sculpture, architecture and the applied arts are covered. The historical context of science, invention, world events, politics, philosophy, religion, and music are examined as influences reflected in each generation's contribution to the history of the visual arts.

**Online**52800 Benhissen, L Online  
Comments: This 8-week class is held from 03/09/26 to 05/01/26.  
52813 Online**Art - Digital (ARTD)****ARTD-08 History of Animation**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This critical and historical survey course covers animated media from the origins of cave paintings illuminated by flickering firelight to contemporary digital augmented reality pushing the boundaries of consciousness. The class explores American, European and Japanese animation through a cross-cultural perspective which fosters a wide-ranging analysis of moving imagery with particular attention paid to significant creative breakthroughs in the medium.

**Online**

52021 Perlin, A Online

**Astronomy (ASTR)****ASTR-01 Principles of Astronomy**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This is a basic course studying the principles of astronomy beginning with the solar system and continuing through the Milky Way Galaxy and the galaxies beyond. Throughout the course topics relating to the philosophy of science, history of astronomy, tools of the astronomer, and supporting topics of physics are introduced. The course is designed for students satisfying breadth requirements in science and having a general interest in astronomy.

**Online**12300 Davies, R Online  
12301 Sugimoto, G Online**Biology (BIOL)****BIOL-06 Environmental Science**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This introductory course examines Earth as an ecosystem composed of biological, chemical and physical processes with emphasis on man's impact on the planet. Topics include the structure and function of ecosystems, biodiversity, the impact of industrialization and urbanization, energy, populations, resources, pollution, pesticides and risk/benefit assessment.

**Online**12315  Alkhouri, J Online  
72031 Bush, B Online**BIOL-09 Introduction to Genetics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introductory study of genetic principles, inheritance, variation, and evolution in plants and animals. This course includes the study of Mendelian genetics, molecular genetics, and population genetics. Recent research innovations explored include genetic engineering.

**Online**

12316 Macias, M Online

**BIOL-50 Survey of Anatomy and Physiology**

3.0 units: 54.0 hours lec.

This is a course in basic anatomy and physiology of the human body. It is designed as an elementary course for students with limited background in science or biology.

**Online**

12317 Albano, V Online

**Business (BUS)****BUS-10 Introduction to Business**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken AOM-30 and ENGL-C1000 (formerly ENGL-01A) is advised.

This survey course is an overview of all aspects involved in business. It covers economic foundations, types of business organizations, marketing, money and banking, and finance. This information will be integrated and related to social, political, legal, and international matters affecting the United States.

**Online**92010 Macha, A Online  
92306 Macha, A Online  
92845 Macha, A Online  
92865 Macha, A Online**BUS-18A Business Law**

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Previously taken BUS-10 and ENGL-C1000



(formerly ENGL-01A) is advised. This course is a study of legal principles that govern the conduct of business. Included are surveys of the essential elements of legal history and jurisprudence; judicial, administrative, and alternative dispute resolution; ethics; business crime; torts; contracts and the UCC; bankruptcy; agency relationships; property; administrative law; labor and employment law; international law. Introduction to legal research and brief-writing are also included.

**Online**

72041	Alvarez, J	Online
92833	Foss, A	Online
92871	Foss, A	Online
92872	Foss, A	Online

**BUS-35 Money Management**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken BUS-10 is advised.

This course offers instruction in basic financial, career and life planning. Areas of study include income distribution; occupational earnings; wise buying; credit and borrowing; insurance; housing; savings and investments; taxes; and retirement and planning.

**Online**

92861	Tuttle, N	Online
Comments: This 8-week course is held 01/12/26 to 03/06/26.		
92873	Tuttle, N	Online

**CBE Agriculture Technology-NC (CBEAGT)****CBEAGT-701A Agricultural Technical Literacy - Digital Literacy**

0.0 units:

Prerequisite: \*Required\* Must take AGT-701 with CBEAGT-701A, CBEAGT-701B, and CBEAGT-701C.

Identify and utilize digital technology (hardware and software) used in agriculture.

**Online**

32355	Montague, K	Online
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**CBEAGT-701B Agricultural Technical Literacy - Applied Technical Reading**

0.0 units:

Prerequisite: \*Required\* Must take AGT-701 with CBEAGT-701A, CBEAGT-701B, and CBEAGT-701C.

Read and interpret agricultural industry documents.

**Online**

32356	Montague, K	Online
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**CBEAGT-701C Agricultural Technical Literacy - Applied Technical Writing**

0.0 units:

Prerequisite: \*Required\* Must take AGT-701 with CBEAGT-701A, CBEAGT-701B, and CBEAGT-701C.

Write effective agricultural technical reports.

**Online**

32357	Montague, K	Online
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**CBEAGT-702A Agricultural Systems - General Agriculture Systems Fundamentals**

0.0 units:

Prerequisite: \*Required\* Must take AGT-702 with CBEAGT-702A, CBEAGT-702B, and CBEAGT-702C.

Explain agriculture industry fundamentals.

**Online**

32358	Montague, K	Online
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**CBEAGT-702B Agricultural Systems - Animal Production Systems**

0.0 units:

Prerequisite: \*Required\* Must take AGT-702 with CBEAGT-702A, CBEAGT-702B, and CBEAGT-702C.

Explain the fundamentals of animal systems.

**Online**

32359	Montague, K	Online
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**CBEAGT-702C Agricultural Systems - Crop Production Systems**

0.0 units:

Prerequisite: \*Required\* Must take AGT-702 with CBEAGT-702A, CBEAGT-702B, and CBEAGT-702C.

Explain the fundamentals of plant science and crop production systems.

**Online**

32360	Montague, K	Online
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**CBEAGT-703A Agricultural Safety - Basic Safety**

0.0 units:

Prerequisite: \*Required\* Must take AGT-703 with CBEAGT-703A, CBEAGT-703B, and CBEAGT-703C.

Follow workplace safety protocols using Occupational Safety & Health Administration (OSHA) standards.

**Online**

32361	Montague, K	Online
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**CBEAGT-703B Agricultural Safety - Tool Operation**

0.0 units:

Prerequisite: \*Required\* Must take AGT-703 with CBEAGT-703A, CBEAGT-703B, and CBEAGT-703C.

Safely use basic hand and power tools.

**Online**

32362	Montague, K	Online
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**CBEAGT-703C Agricultural Safety - Food Safety**

0.0 units:

Prerequisite: \*Required\* Must take AGT-703 with CBEAGT-703A, CBEAGT-703B, and CBEAGT-703C.

Implement best practices to meet manufacturing, food safety, and sanitation requirements.

**Online**

32363	Montague, K	Online
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**CBEAGT-704A Equipment Oper, Config, Troubleshooting Basic Equipment Operation**

0.0 units:

Prerequisite: \*Required\* Must take AGT-704 with CBEAGT-704A, CBEAGT-704B, and CBEAGT-704C.

Safely operate electronic and mechanical equipment used in agriculture.

**Online**

32364	Montague, K	Online
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**CBEAGT-704B Equipment Oper, Config, Troubleshooting Basic Equipment Configuration**

0.0 units:

Prerequisite: \*Required\* Must take AGT-704 with CBEAGT-704A, CBEAGT-704B, and CBEAGT-704C.

Safely set up electrical and mechanical equipment in agricultural tasks.

**Online**

32365	Montague, K	Online
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**CBEAGT-704C Equipment Oper, Config, Troubleshooting Basic Equipment Troubleshooting**

0.0 units: .

Prerequisite: \*Required\* Must take AGT-704 with CBEAGT-704A, CBEAGT-704B, and CBEAGT-704C.

Troubleshoot basic electrical, mechanical, and software systems and communicate identified issues effectively.

**Online**

32366 Montague, K Online

**CBEAGT-705A Workplace Effectiveness - Industry Communication**

0.0 units: .

Prerequisite: \*Required\* Must take AGT-705 with CBEAGT-705A and CBEAGT-704B.

Communicate effectively using industry methods within an organizational structure.

**Online**

32367 Montague, K Online

**CBEAGT-705B Workplace Effectiveness - Employability Skills**

0.0 units: .

Prerequisite: \*Required\* Must take AGT-705 with CBEAGT-705A and CBEAGT-705B.

Demonstrate leadership and interpersonal skills in a professional setting.

**Online**

32368 Montague, K Online

**Child Development (CLDV)****CLDV-01 Child Growth and Development**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Examines the progression of development in the physical, cognitive, social, and emotional domains and identifies developmental milestones for children from conception through adolescence. Emphasis on interactions between biological processes and environmental factors. Students will observe children, evaluate individual differences, and analyze characteristics of development at various stages according to developmental theories. (Approved C-ID CDEV 100)

**Online**62260 Oneto, B Online  
Comments: Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.

62281 McCarrick, S Online

62282 Oneto, B Online

62899 Soria, L Online  
74131 TTh 11:00a-12:25p Heft, A INT-INT**CLDV-02 Child, Family and Community**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

The processes of socialization focusing on the interrelationship of family, school, and community. Examines the influence of multiple societal contexts. Explores the role of collaboration between family, community, and schools in supporting children's development, birth through adolescence. (Approved C-ID CDEV 110)

**Online**62262  Soria, L Online  
Comments: Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.62263  Soria, L Online72057  Heft, A Online**CLDV-03 Principles and Practices of Teaching Young Children**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take CLDV-01

Historical contexts and theoretical perspectives of developmentally and culturally appropriate practice in early care and education for children birth through age eight. Explores the typical roles and expectations of early childhood educators. Identifies professional ethics, career pathways, and professional standards. Introduces best practices for developmentally and culturally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development. (Approved for C-ID EVE 110)

**Online**62894  Parra, L Online  
Comments: This 8-week course is held 3/09/26 to 5/01/26. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.62895  Parra, L Online**CLDV-04L Observation and Assessment Practicum**

3.0 units: 36.0 hours lec.

Prerequisite: \*Required\* Take CLDV-01; Minimum grade C,P;

\*Required\* Take CLDV-03

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Limitation on Enrollment: As per California Law SB792, all volunteers, students, and employees of educational/service facilities must provide documentation verifying required immunizations and negative TB test. These requirements must be met prior to the start of class. Introduces the appropriate use of assessment and observation tools and strategies to document young children's development and learning. The use of findings to inform and plan learning environments and experiences are emphasized. Recording strategies, rating systems, portfolios, and multiple assessment tools will be discussed, along with strategies for collaboration with families and professionals. (Approved for C-ID ECE 200)

**Online**62840  Valdez, S Online**CLDV-05 Health, Safety and Nutrition**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Includes the teacher's role in prevention strategies, nutrition and meal planning, integrating health safety and nutrition experiences into daily routines, and overall risk management. (Approved for C-ID ECE220)

**Online**61610  Leonetti, P Online  
Comments: This 8-week course is held 01/12/26 to 03/06/26. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.

74137 TTh 12:35p-02:00p Heft, A INT-INT

**CLDV-06 Teaching in A Diverse Society**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Examines the historical and current perspectives on diversity and inclusion and the impact of systemic societal influences on children's development, learning, and school experiences. Strategies for developmentally, culturally, and linguistically appropriate anti-bias curriculum will be explored as well as approaches to promote inclusive and equitable classroom communities. Includes self-reflection on the influence of teachers' own culture and life experiences on teaching and interactions with children and families. (Approved for C-ID ECE 230)

**Online**

	62890	McCarrick, S	Online
Comments: This 8-week course is held 3/09/26 to 5/01/26. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.			
78141	W	05:40p-08:45p	Parra, L INT-INT

**CLDV-07 Introduction to Curriculum for the Young Child**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take CLDV-03

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Developmentally appropriate curriculum and environments for children birth through age eight. Students will use knowledge of children's development, theories of learning and development, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas to support children's development and learning integrated throughout indoor and outdoor settings. (Approved for C-ID ECE 130)

**Online**

	62196	Leonetti, P	Online
Comments: Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.			

**CLDV-09 Human Development**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the scientific study of human development from conception through death. It examines interplay of biological, psychological, social, and cultural forces on the developing human being.

**Online**

	62275	Bluett-Murphy, V	Online
Comments: Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.			
	62276	Grimes, J	Online
	62277	Clifford, J	Online
	62805	Salazar, R	Online
	62871	Bluett-Murphy, V	Online
Comments: This 8-week course is held 1/12/26 to 03/06/26. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.			

**CLDV-30 Infant and Toddler Development**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take CLDV-01; Minimum Grade C,P;

A study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasizes the role of family

and relationships in development.

**Online**

	62850	Oks, O	Online
Comments: This 8-week course is held 01/12/25 to 03/06/25. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.			

	62851	Oks, O	Online
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**CLDV-37 Adult Supervision and Mentoring in Early Care and Education**

2.0 units: 36.0 hours lec.

Prerequisite: \*Required\* Previously taken CLDV-01 and passed with a minimum grade of C or received an equivalent.

Methods and principles of supervising, mentoring, and coaching student teachers and other adults in early care and education settings. Presents the strategies and skills necessary to support the development of adult learners as effective mentors, coaches, and teachers. Emphasis is on individualized, relationship- and strengths-based approaches, reflective practices, and constructive communication skills. Covers characteristics and roles, career requirements and pathways, and use of evaluation in setting professional learning goals. Course supports advancement on the CA Teacher Permit.

**Online**

	62163	Soria, L	Online
Comments: Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.			

**Computer Science (CPSC)****CPSC-01 Introduction to Computer Information Systems**

4.0 units: 54.0 hours lec,

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and MATH-C, MATH-61 or MATH-62 is advised.

An introduction to the basics of computing systems, impact of computers on our society, and the future of computing. Focus on using applications, algorithm design, programming basics, database management systems, networking, ethics and security, information systems, internet and web technologies, and computer systems hardware and software components. Application of these concepts and methods through hands-on projects developing computer-based solutions to problems.

**Online**

12100	Cantrell, B	Online
12804	Kapur, N	Online

**CPSC-05A Application Development and Programming**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

An introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience with a modern application programming language and development platform.

**Online**

	12101	Stoykov, A	Online
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**CPSC-06 Programming Concepts and Methodology I**

3.0 units: 36.0 hours lec, 54.0 hours lab.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken CPSC-01 and ENGL-C1000 (formerly

ENGL-01A) is advised. This course introduces the discipline of computer science using a high level language; provides an overview of computer organization and an introduction to software engineering. Topics include methodologies for program design, development, style, testing, and documentation; algorithms, control structures, methods, and elementary data structures. These skills will be used to solve a variety of application problems.

**Online**

12102	Hogan, G	Online
12103	Stoykov, A	Online

**Communication Studies (COMM)****COMM-14 Small Group Communication**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Effective Fall 2025, COMM-14 replaces COMM-04. . This course provides students with the foundational knowledge and practice of speech-making in a democratic society, while simultaneously emphasizing theory and research about communication in a variety of small group contexts. This course exposes students to rhetorical theory, small group theory and public speaking fundamentals within the context of their interpersonal interactions, group communication processes, and live presentations(including informative and persuasive speeches). Students will learn historical roots and key rhetorical theories that ground the study and practice of public speaking, and be able to discover, develop and critically analyze ideas and information in public discourse. Student will also explore and evaluate group communication processes, including problem-solving, conflict management, decision-making and leadership.

**Online**

22107	Online	
Comments: COMM-14 does not fulfill any CALGETC breath areas. Students taking this course should be COMM majors. For non-majors, this class will only provide 3 elective units.		

**COMM-15 Interpersonal Communication**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Effective Fall 2025, COMM-15 replaces COMM-05. . The focus of this course is to examine the dynamics of communication in one-to-one relationships from a theoretical point of view with a focus on core concepts and methods of research in interpersonal relationships. Communication theory and skills will be investigated in order to help students gain a basic knowledge of the cultural and social organizations in which they (students) exist as well as the behavior and social organizations of other human societies.

**Online**

72065	Cheek, G	Online
Comments: COMM-15 does not fulfill any CALGETC breath areas. Students taking this course should be COMM majors. For non-majors, this class will only provide 3 elective units.		

**COMM-30 Introduction to Intercultural Communication**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Introduction to intercultural communication in domestic and/or global contexts. Influence of cultures, languages, and social patterns on how members of groups relate among themselves and with members of different ethnic and cultural groups. Theory and knowledge of effective communication within and between cultures. Appreciation and comparison of communication among diverse groups within the larger context of American culture. (Approved for C-ID COMM 150)

**Online**

22122		Hobbs, L	Online
22123		Hobbs, L	Online

**COMM-C1000 Introduction to Public Speaking**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Effective Fall 2025, COMM-C1000 replaces COMM-01. In this course, students learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society. Students discover, develop, and critically analyze ideas in public discourse through research, reasoning, organization, composition, delivery to a live audience and evaluation of various types of speeches, including informative and persuasive speeches. (Approved for C-ID COMM 110)

**Online**

22100		Ward, M	Online
22101		Ward, M	Online
22102		Ward, M	Online
22103		Ward, M	Online
22104			Online
22105			Online
22106		Reed, R	Online
22112			Online
22113			Online
22114			Online
22115			Online
22116			Online
22117			Online
22118			Online
22119			Online
22120			Online
22121			Online
22810		Bonstein, J	Online
22811			Online
72061		Cavallero, D	Online
72063		Cavallero, D	Online
75059		Cavallero, D	Online

Comments: Students must be at least 18 years old to enroll in this class.

**Criminal Justice (CRIM)****CRIM-01 Criminology**

3.0 units: 54.0 hours lec.

This course is an analysis of the nature and patterning of criminality and theories of criminal behavior. Crime control policies are critically examined regarding linkages among 1) social conflicts and inequalities, 2) criminal laws and enforcement practices, and 3) social deviance.

**Online**

42292		Johnson, M	Online
42867		Noblett, D	Online

**CRIM-02 Introduction to Criminal Justice**

3.0 units: 54.0 hours lec.

The course will emphasize the three major components of the system: court, corrections, law enforcement, and will then examine the role of each. This course pertains to the history and philosophy of criminal justice in America.

**Online**

42300		Noblett, D	Online
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42302	Rochester, K	Online	of evidence and the role of the investigator in the trial process.
<b>CRIM-03 Criminal Procedures</b>			<b>Online</b>
3.0 units: 54.0 hours lec.	Prerequisite: *Required* Previously taken CRIM-02 and passed with a minimum grade of C.	42297	Joseph, S
This course covers the examination of due process from pre-arrest through trial and appeal. The history of due process and precedent will be examined through statutory law and interpretations of law reflected in court decisions with particular focus upon the impact of interpretations of Fourth, Fifth, Sixth, Eighth, and Fourteenth Amendments.		Online	
<b>Online</b>			
42304	Rochester, K	Online	
<b>CRIM-04 Criminal Law</b>			<b>CRIM-11 Introduction to Corrections</b>
3.0 units: 54.0 hours lec.	Prerequisite: *Required* Previously taken CRIM-02 and passed with a minimum grade of C ---OR--- Concurrently enrolled in CRIM-02	3.0 units: 54.0 hours lec.	
This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice courses will build. The course will also include some limited discussion of prosecution and defense decision making, criminal culpability, and defenses to crime.		This course provides a critical analysis of punishment, the various types of punishment, alternatives to punishment, and the impact of punishment on the Criminal Justice System. A Critical examination of the types of Correctional Institutions and the clients housed in each institution are addressed.	
<b>Online</b>		<b>Online</b>	
42309	Johnson, M	Online	42301
<b>CRIM-05 Community and Human Relations</b>			<b>CRIM-33 Violence in the Family</b>
3.0 units: 54.0 hours lec.	Prerequisite: *Required* Previously taken CRIM-02 and passed with a minimum grade of C ---OR--- Concurrently enrolled in CRIM-02	3.0 units: 54.0 hours lec.	
This course covers the relationship of criminal justice agents and the community; causal and symptomatic aspects of community understanding; lack of cooperation and mistrust; study of behavioral causes; and ways to develop and maintain amicable relationships within a diverse multicultural population.		Prerequisite: *Advised* Previously taken CRIM-02 is advised.	
<b>Online</b>		This course examines criminal law and the psycho-socio dynamics of child abuse, elder abuse, spousal abuse, and sexual assault.	
42299	Trinidad, T	Online	<b>Online</b>
<b>CRIM-06 Introduction to Evidence</b>			42293
3.0 units: 54.0 hours lec.	Prerequisite: *Required* Previously taken CRIM-02 and passed with a minimum grade of C ---OR--- Concurrently enrolled in CRIM-02	Soto, B	Online
This course is a study of the origin, development, philosophy, and constitutional basis of evidence; constitutional and procedural considerations affecting arrest; search and seizure; kinds and degrees of evidence and rules governing admissibility and exclusion of criminal evidence; judicial decisions interpreting individual rights, and case studies viewed from a conceptual level.			
<b>Online</b>			
42270	Johnson, M	Online	<b>CRIM-37 Communication and Ethics in Law Enforcement</b>
<b>CRIM-08 Introduction to Investigation</b>			
3.0 units: 54.0 hours lec.	Prerequisite: *Required* Take CRIM-02; Minimum grade C,P;	3.0 units: 54.0 hours lec.	
*Advised* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.		Prerequisite: *Advised* Previously taken CRIM-02 is advised.	
This course covers the fundamentals of investigation; techniques procedures, and ethical issues of investigation of crime, including organization of the investigative process, crime scene searches, recording, collection, and preservation of physical evidence, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis		This course covers the ethical issues created by the congruent and incongruent match of criminal justice philosophy and law enforcement practice. Effective communication styles for courtroom, testimony, interrogation, and verbal judo will be examined, evaluated, and practiced.	
<b>Online</b>		<b>Online</b>	
12805		Anbananthan, S	Online
<b>CTIS-04 Programming With Python</b>			<b>Computer Tech and Info Systems (CTIS)</b>
3.0 units: 36.0 hours lec,		<b>CTIS-04 Programming With Python</b>	
An introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience. Python is a dynamic, object oriented language, is perfect for beginner and also meets industry needs.		3.0 units: 36.0 hours lec,	
<b>Online</b>			
12805		Anbananthan, S	Online
<b>CTIS-18 Network Security and Automation</b>			<b>CTIS-18 Network Security and Automation</b>
3.0 units: 27.0 hours lec,	Prerequisite: *Advised* Previously taken CTIS-15 and CTIS-16 is advised.	3.0 units: 27.0 hours lec,	
Cisco Certified Networking Associate (CCNA) curriculum describes the architecture, components, operations, and security to scale for large, complex networks, including wide area network (WAN) technologies. The course emphasizes network security concepts and introduces network virtualization and automation. Students learn how to configure, troubleshoot, and secure enterprise network devices and understand how application programming interfaces (API) and configuration management tools enable network automation.		Prerequisite: *Advised* Previously taken CTIS-15 and CTIS-16 is advised.	
<b>Online</b>			
12810		Shi, J	Online
12811		Shi, J	Online

**CTIS-21 Introduction to Cyber Security: Ethical Hacking**

3.0 units: 36.0 hours lec.

Prerequisite: \*Advised\* Previously taken CTIS-15 and CTIS-20 is advised.

This course that introduces students to the concepts, principles, and techniques, supplemented by hands-on exercises, for attacking and disabling a network within the context of properly securing a network. The course emphasizes network attack methods with the emphasis on student use of network attack techniques and tools and appropriate defenses and countermeasures. Students receive course content information through a variety of methods: lecture and demonstration of hacking tools will be used in addition to a virtual environment. Students experience a hands-on practical approach to penetration testing measures and ethical hacking.

**Online**

12807

Online

**CTIS-23 Cyber Network Defense**

3.0 units: 27.0 hours lec.

Prerequisite: \*Advised\* Previously taken CTIS-15, CTIS-20, and CTIS-16 is advised.

This course equips students with the knowledge and skills required to secure networks effectively. With this course, a network professional can demonstrate the skills required to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security threats. The course will cover core security technologies, the installation, troubleshooting and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices, and competency in the technologies that networking uses in its security structure.

**Online**

12812

Celly, B

Online



12813

Celly, B

Online

**Economics (ECON)****ECON-01 Introduction to Microeconomics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

ECON-01 is an introductory course in microeconomic theories including maximization, benefit versus cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing. The course examines the nature of production, distribution, market outcomes, and the role of government in the market.

**Online**

72079

Ambriz-Sanchez, J

Online

92016

Lewis, A

Online

92017

Lewis, A

Online

92829

Serpa, C

Online

**ECON-02 Introduction to Macroeconomics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken ECON-01 or AGBS-11 is required.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

ECON-02 is an introductory course in macroeconomic theories including the determination of income, output, employment, and prices in the economy; the monetary system; governmental fiscal, monetary, and income policies; economic growth; international trade; and economic development.

**Online**

72081

Ambriz-Sanchez, J

Online

92020

Lewis, A

Online

**Electricity/Electronics Tech (ELCT)****ELCT-30 Exploring the World of Electricity and Electronics**

3.0 units: 54.0 hours lec.

This is an overview of electricity and electronics presented in the context of the principles of science. Students will gain an understanding of electronic components and circuits and will learn how to use the scientific method to investigate the physical nature of electricity, magnetism and their applications. Topics such as electronics in biotechnology, communications, consumer electronics, and industrial technology will be addressed, along with the impact and context of the electronic age on modern society.

**Online**

32990

Hamilton, A

Online

Comments: This 4-week class is held 1/12/26 to 2/6/26. This is a Learning Community and linked to ELCT-30-32990, ELCT-53A-32996, ELCT-60-39994, and ELCT-61-39992. You must register for all sections.

32991

Hamilton, A

Online

**ELCT-59 Electrical Safety and Industrial Skills**

2.0 units: 36.0 hours lec.

Prerequisite: \*Advised\* Previously taken ELCT-47 and ELCT-52 is advised.

This course is an introduction into basic electrical safety and industrial skills associated with the Electrical and Industrial Technology programs offered at Merced College. The course will give students an opportunity to learn industry standard safe working practices in the electrical and maintenance trades as well as the safe operation of industrial equipment. The student will be trained in the safe use of Merced College electrical trainer and equipment that will be used in more advanced Electrical and Industrial Technology classes.

**Online**

32234

Hamilton, A

Online

Comments: This 4-week class is held 2/9/26 to 3/6/26. This is a Learning Community and linked to INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, ELCT-59-32234, and ELCT-55-39046. You must register for all sections.

32235

Online

**English (ENGL)****ENGL-01B Introduction to Literature**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take ENGL-C1000 (formerly ENGL-01A) Minimum grade C,P;

This course introduces representative works from four major genres: short story, novel, drama, and poetry. Students develop analytical and evaluative reading and writing skills while acquiring an appreciation for the cultural context and the aesthetic qualities of literature. Students read texts from various countries and periods in order to encourage an appreciation of literature's range, artistry, and insight into the human experience.

**Online**

72109

Long, J

Online

72111

Nelson, K

Online

**ENGL-07 Studies in Literature: Poetry**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and ENGL-01B is advised.

This course traces origins and developments of the poem as a major literary genre. Course includes an intensive study of the poetic process. Poems from ancient times to the present are analyzed in terms of form, idea, and language.

**Online**

22000

Zamora, J

Online



**ENGL-12 Creative Writing**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and ENGL-01B is advised.

A course designed to provide experience in the writing of poetry, drama, fiction, and creative non-fiction and to aid the student in becoming aware of the craft of writing as described and/or demonstrated by professional writers. The class is conducted primarily as a workshop in which students read their works for constructive criticism.

**Online**

22001 Truesdale, D Online

**ENGL-95S Enhanced Academic Literacy**

2.0 units: 36.0 hours lec.

Prerequisite: \*Required\* Concurrent enrollment in ENGL-C1000 (formerly ENGL-01A).

This course is designed to provide supplemental instruction and support for students enrolled in a linked section of English 01A. Students will further develop academic skills in reading, writing, and researching. In addition, they will learn to address strategies for academic success and be able to utilize computerized technology necessary for a composition course.

**Online**

22015 Mumford, J Online  
Comments: Students enrolled in ENGL-95s-22015 must also enroll in ENGL-C1000-22014.

22017 Withers, M Online

22019 Gonzalez, H Online

**ENGL-C1000 Academic Reading and Writing**

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Previously taken LRNR-30 is advised.

Effective Fall 2025, ENGL-C1000 replaces ENGL-01A. In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research. Students also receive instruction in reading processes, information literacy, and disciplinary documentation practices.

**Online**

22002 Baker, W Online  
22003 Baker, W Online  
22004 Flatt, S Online  
22005 Flatt, S Online

22006 Epstein-Corbin, S Online  
22007 Brown, G Online

22008 Truesdale, D Online

22009 Epstein-Corbin, S Online  
22010 Zamora, J Online  
22011 Zamora, J Online

22012 Rocha, M Online

22013 Rocha, M Online

22014 Mumford, J Online  
Comments: Students enrolled in ENGL-C1000-22014 must also enroll in ENGL-95s-22015.

22016 Withers, M Online  
Comments: Students enrolled in ENGL-C1000-22016 must also enroll in ENGL-95s-22017.

22018 Gonzalez, H Online  
Comments: Students enrolled in ENGL-C1000-22018 must also enroll in ENGL-95s-22019.

22027	Smith, V	Online
22028		Online
22029		Online
22030		Online
22031		Online
22032		Online
22033		Online
22034		Online
22035		Online
22036		Online
22037		Online
22800		Online
22801		Online
72845	Sylva, A	Online

**ENGL-C1001 Critical Thinking and Writing**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken ENGL-C1000 (formerly ENGL-01A) and passed with a minimum grade of C.

Effective Fall 2025, ENGL-C1001 replaces ENGL/PHIL-13. In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction texts, refining writing skills and research strategies developed in ENGL C1000 College Reading and Writing (C-ID ENGL 100) or similar first-year college writing course. Readings feature mostly non-fictional essays and books that reflect diverse cultural perspectives on a variety of contemporary issues, such as those involving race, ethnicity, and gender.

**Online**

22021	Zamora, J	Online
22022	Mumford, J	Online
22023	Diaz, K	Online
22024		Online
22025		Online
22802		Online
22803		Online
72113	Flanagan, J	Online
72115	Flanagan, J	Online
72117	Flanagan, J	Online
72119	Kludt, K	Online
72121	Nelson, K	Online

**ENGL-C1001H Critical Thinking and Writing Honors**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take ENGL-C1000 (formerly ENGL-01A) Minimum grade C,P.

Effective Fall 2025, ENGL-C1001H replaces ENGL-13H. In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction texts, refining writing skills and research strategies developed in ENGL C1000 College Reading and Writing (C-ID ENGL 100) or similar first-year college writing course. This is an honors course. Readings feature mostly non-fictional essays and books that reflect diverse cultural perspectives on a variety of contemporary issues, such as those involving race, ethnicity, and gender. This honors course is more rigorous than the non-honors version.

**Online**

22020	Epstein-Corbin, S	Online
	Comments: This section is a stand alone Online ENGL-C1001 Honors section which requires an Honors Coordinator or instructor approval. Please contact Prof. Jackie Alvarez @ jacqueline.alvarez778@mccd.edu for approval.	

**Ethnic Studies (ETHN)****ETHN-01 Introduction to Ethnic Studies**

3.0 units: 54.0 hours lec.

This course provides an introduction to the key concepts, theories, methodologies, and topics in the field of Ethnic Studies. It examines the socioeconomic, historical, cultural, and political conditions shaping the lived experiences and social struggles of Native American, African American, Asian American, and Chicanox/Latinx communities in the United States, with an emphasis on self-determination, agency, and anti-racist and anti-colonial movements to build a more just and equitable society.

**Online**

52041	Wu, A	Online
52042	Wu, A	Online
52155	Easley, K	Online

**ETHN-05 Race, Ethnicity, and Inequality**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course examines the cultural, political, and economic practices and institutions leading to racial and ethnic oppression in the United States, highlighting the agency and resistance of historically marginalized groups. It presents an overview of historical and contemporary patterns of interaction between various racial and ethnic groups through an intersectional and anti-racist perspective.

**Online**

52044	Shaw, M	Online
72259	Coahran, S	Online

**ETHN-12 Ethnic Studies for Educators**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Prepares students to utilize the concepts and methods of Ethnic Studies in teaching and pedagogical practice in TK-12 education. Discusses the role of intersectionality identity, and collective struggle in educational institutions, focusing on Native American, African American, Asian American and Latina and Latino American communities. Covers the historical inequalities reproduced within education and schools, the knowledge produced by these communities and the strategies used for resistance and liberation.

**Online**

52045		Online
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**ETHN-19 Chicana/o Literature and Studies in the United States**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Previously taken ENGL-C1000 (formerly ENGL-01A) is required.

\*Advised\* Previously taken ENGL-01B is advised.

This course surveys, interprets, compares, and explores the lived experiences of Latinx/Chicanx authors through a variety of texts and genres. Readings, discussions, lectures, and presentations will focus on the cultural, social, and historical aspects of Latinx/Chicanx literature. The course may include a variety of genres: fiction, poetry, drama, film, and non-fiction prose, etc.

**Online**

52040		Online
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**ETHN-20 History of Asian Americans**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social

movements.

**Online**

52018	Hoyt, A	Online
52805	Hoyt, A	Online

**French (FREN)****FREN-01 Elementary French I**

5.0 units: 90.0 hours lec.

This is a beginner's course. The course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in French the most basic functions of everyday life. This course is not recommended for native speakers.

**Online**

22206	 Ly, C	Online
22208	Rida, A	Online

**FREN-03 Intermediate French I**

5.0 units: 90.0 hours lec.

Prerequisite: \*Required\* Previously taken FREN-02 or two years of high school french and passed with a minimum grade of C or received an equivalent.

\*Advised\* Previously taken LRNR-30 is advised.

FREN-03 is a continuation of FREN-02. This course reviews and further develops grammatical concepts introduced in FREN 01 and FREN 02, as well as introduces the student to new concepts. Through varied readings, composition, and discussion, the student will increase with his or her vocabulary and cultural knowledge.

**Online**

22209	Rida, A	Online
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**Fire Technology (FIRE)****FIRE-30 Fire Protection Organization**

3.0 units: 54.0 hours lec.

This course provides an introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; and introduction to fire strategy and tactics..

**Online**

42310	- Roe, D	Online
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**Geography (GEOG)****GEOG-01 Physical Geography**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered; they may include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

**Online**

52005	Chambers, D	Online
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**GEOG-02 World Geography**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly



ENGL-01A) is advised.

Survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions.

**Online**

52006 Chambers, D Online

## German (GERN)

### GERN-01 Elementary German I

4.0 units: 72.0 hours lec.

This is a beginner's course. The course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in German the most basic functions of everyday life.

**Online**

22202 Weingand, K Online

### GERN-02 Elementary German II

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Previously taken GERN-01 or two years of high school German and passed with a minimum grade of C or received an equivalent.

GERN-02 is the continuation of GERN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in German basic functions of everyday life.

**Online**

22203 Weingand, K Online

### GERN-03 Intermediate German I

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Previously taken GERN-02 and passed with a minimum grade of C or received an equivalent.

\*Advised\* Previously taken LRNR-30 is advised.

GERN 03 is a continuation of GERN 02. This course reviews and further develops grammatical concepts introduced in GERN 01 and GERN 02, as well as introduces the student to new concepts. Through varied readings, composition, and discussion, the student will increase his or her vocabulary and cultural knowledge.

**Online**

22204 Weingand, K Online

### GERN-04 Intermediate German II

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Previously taken GERN-03 and passed with a minimum grade of C or received an equivalent.

\*Advised\* Previously taken LRNR-30 is advised.

This course is a thorough review of the fundamentals of reading, writing, speaking and understanding German, designed to aid the student in preparing for advanced studies in German composition, grammar, and conversation, as well as literature in German, history and culture.

**Online**

22205 Weingand, K Online

## Guidance (GUID)

### GUID-30 Foundations and Strategies For College Success

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This comprehensive course integrates the cultivation of skills, values, and attitudes indicative of confident, capable students/individuals with problem solving and critical/creative thinking. The course focuses on the following topics: life management, goal setting, career decision making, educational planning, college expectations and opportunities, instructor-student relationships, cultural diversity, lifestyle choices affecting health maintenance, stress management, campus resources, learning styles and strategies, and study skills. This course is recommended for all new students.

**Online**

72133	Staff, M	Online
72135	Staff, M	Online
82009	Benitez, P	Online
82007 	Flores, K	Online

## GUID-45 Pathways to Transfer

3.0 units: 54.0 hours lec.

This course is an introduction to the process of transfer from community college to a four-year college or university. Students will research and evaluate colleges and universities based on degrees offered, transfer requirements, application process, housing, financial aid, scholarships, support services, and student life. Students will develop an education plan and a portfolio of personalized research information to assist them in the transfer process.

**Online**

82065 	Ruiz, C	Online
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## GUID-48 Life and Career Planning

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This is a structured sequential course in life and career planning. Experiences are provided that encompass education, occupation, and job trends. The total individual is explored; issues such as life roles, values, goals, life styles, preferences, coping skills, and personal barriers as they relate to decisions will be covered.

**Online**

82031 	Maples, I	Online
81035 MW 11:00a-12:25p	Ruiz, C	AGIT-129

## GUID-54 Foundations and Strategies for Academic Recovery

3.0 units: 54.0 hours lec.

This course is appropriate for students wishing to improve their academic standing. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal. Academic policies will be addressed and strategies to get off and stay off probation, such as, informed decision-making, problem solving, classroom behavior, and behavior modification will also be studied. This course is recommended for all students on academic and/or progress probation.

**Online**

82045 	Vang, N	Online
82046 	Frias, S	Online
82846 	Molina, M	Online
82847 	Cambridge, I	Online
82848 	Hang, L	Online

## Health (HLTH)

**HLTH-10 Personal Health and Wellness**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course will require students to explore, analyze, personalize, and discuss the following issues as they relate to the essential components of health and wellness: nutrition, physical activity/exercise/fitness, weight control, eating disorders and body image, media influences, mental health, stress, violence, substance use/abuse, sexuality and sexual orientation, sexually transmitted infections, reproductive choices/contraception, relationships, disease prevention, environment, health care, aging, and general public health issues. Students will be taught the knowledge and skills necessary to implement lifestyle behaviors that can improve their health and well-being.

**Online**

02106	Online
02107	Online
02802	Online

**HLTH-15 Drugs, Health, and Society**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course explains concepts and theories relating to the epidemiology and toxicology of substance use, misuse, abuse, and dependence, and the impact on personal, community and societal health. The biological/physiological, neurological, and psychological short and long-term effects of selected pharmacological substances on the human brain and body are explored, including an analysis of risk factors associated with abuse and dependence. Historical, political, social, socioeconomic, and legal factors involved in the practice, marketing, distribution, and government regulations of legal and illegal drugs will be covered. An overview of contemporary methods used in prevention, diagnosis and treatment will be reviewed, including an analysis of effective evidence-based strategies and local recovery resources.

**Online**

02108	Online
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**History (HIST)****HIST-04A World History Part 1**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course provides a broad historical survey of humanity's social, political, economic, and intellectual experiences for all major world civilizations from pre-history through at least 1500.

**Online**

52046	Jackson, M	Online
52812	Wheeler, J	Online

**HIST-04B World History Part 2**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course provides a broad historical survey of humanity's social political, economic, and intellectual experiences for all major world civilizations from approximately the 16th century to the present.

**Online**

52024	Hampton, C	Online
52816		Online

**HIST-17A United States History and United States Constitution**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This is an extensive survey course of United States history from the period of exploration to the Reconstruction Period. The course covers the social, political, economic, and constitutional development of the nation.



Course will emphasize the development of critical and historical thinking skills.

**Online**

52047	Lorenz, M	Online
52048	Eigen, K	Online
52049	Nystrom, E	Online
52050	Wheeler, J	Online
52051	Wheeler, J	Online
52052	Willison, W	Online
52807	Purcell, C	Online
52817	Melo, F	Online
52818	Willison, W	Online
72141	Cook, J	Online
72857	Cook, J	Online

**HIST-17B United States History and California State and Local Government**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a continuation of HIST-17A from the end of the Reconstruction Period in 1877 to the present. It examines national, state, and local history from the late 19th century to the present. The course covers the social, political, economic, and constitutional development of the nation.

**Online**

52053	Melo, F	Online
52054	Nystrom, E	Online
52055	Nystrom, E	Online
52806	Lorenz, M	Online
52819	Jackson, M	Online
72147	Cook, J	Online
72859	Mendez, J	Online

**HIST-20 History of Asian Americans**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

**Online**

52017	Hoyt, A	Online
52804	Hoyt, A	Online

**HIST-22 History of African Americans**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a social, cultural, political, and intellectual history of the African American experience in America. This survey course examines the African American experience through the dual lens of ethnic studies and historical perspectives-combining both to provide a deep range of views into the complex interaction of Black Americans in the American context.

**Online**

52056	Jackson, M	Online
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**HIST-29 History of California**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a survey of the early history of California through to the





92812 Staff, M Online  
Comments: This 2-week course is held 01/19/26 to 01/30/26.

### MGMT-50F Team Building

0.5 units: 9.0 hours lec.

This course is designed to provide the student with an understanding of how teams work together, common problems teams encounter, and how to solve them. Students will learn to recognize various personalities and how their strengths and weaknesses impact a team. Students will be introduced to team building in the workplace. Pass/No Pass only.

**Online**

92804 Staff, M Online  
Comments: This 2-week course is held 03/16/26 to 03/27/26.

### MGMT-50H Customer Service

0.5 units: 9.0 hours lec.

This course is designed to provide the student with certain key skills and attitudes in order to effectively meet the needs of customers. The participants will be introduced to the key elements of outstanding customer service. Topics will also include understanding and exceeding customer expectations, and how to deal with unrealistic expectations. The course addresses why customers leave, and the long-term value of customers. Pass/No Pass only.

**Online**

92822 Staff, M Online  
Comments: This 2-week course is held 02/16/26 to 02/27/26.

### MGMT-50K Generational Diversity: Managing Cross Generational Teams

0.5 units: 9.0 hours lec.

America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

**Online**

92851 Staff, M Online  
Comments: This 2-week course is held 02/02/26 to 02/12/26.

### MGMT-50L Authentic Leadership: Know Yourself/ Lead Your People

0.5 units: 9.0 hours lec.

This course is designed to help participants recognize the importance of authenticity in leadership. Participants will learn what followers look for in a leader. The importance of trust in a leader and on a team will be explored. The connection of authenticity and employee engagement will be defined. Pass/no pass only.

**Online**

92842 Staff, M Online  
Comments: This 2-week course is held 04/20/26 to 05/01/26.

### MGMT-50P Emotional Intelligence

0.5 units: 9.0 hours lec.

This course is an introduction to the principles of Emotional Intelligence (EQ). EQ is the ability to identify and understand your emotions and those of others and use this understanding to guide your behavior and manage relationships. Topics covered include the five competencies of EQ: self-awareness, self-regulation, motivation, and effective relationships. Pass/No Pass only.

**Online**

92846 Staff, M Online  
Comments: This 2-week course is held 03/30/26 to 04/10/26.

### MGMT-52W Foundations of Well Being in Workplace

0.5 units: 9.0 hours lec.

This course will cover the foundations of Well-Being in the workplace and will explore the relationship between employee Well-Being and how it ties in with employee engagement, productivity, customer service and team work. The course will cover the essential elements of Well-Being including gratitude and career, social, financial, emotional, physical, and community Well-Being. Strategies will be introduced to increase Well-Being.

**Online**

92814 Staff, M Online  
Comments: This 2-week course is held 04/13/26 to 04/24/26.

### Marketing (MKTG)

#### MKTG-30 Principles of Marketing

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and BUS-10 is advised.

This course provides a broad understanding of the promoting, pricing, and distribution of products and services. Promotional mixes are studied including sales promotion, advertising, packaging, personal selling, public relations, and publicity. A study is made of understanding customer needs and behaviors; developing a product and/or service mix to satisfy customer needs, and profitability. Legal, political, cultural, social, economic, competitive, and ethical aspects of marketing are discussed.

**Online**

72887 Benson, L Online  
92830 Benson, L Online

#### MKTG-33 Advertising

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken AOM-30 and ENGL-C1000 (formerly ENGL-01A) is advised.

This is an introductory course in advertising principles and techniques. Areas of study will include advertising agencies, preparation of advertisements, including copyrighting, illustration and layouts, media selection, budgeting for advertising, psychology and persuasion of advertisements, and the use of advertising as a tool in sales promotion.

**Online**

92880 Benson, L Online  
Comments: This 8-week course is held 03/09/26 to 05/01/26.

### Mathematics (MATH)

#### MATH-02 Precalculus

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.

**Online**

12200 Gargova, S Online

#### MATH-04A Calculus I

4.0 units: 72.0 hours lec.

Prerequisite: \*Advised\* Must have previously completed pre-calculus or trigonometry ---OR--- recommend taking this course concurrently with MATH-4AS.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course covers limits, continuity, differentiation and integration of algebraic and transcendental functions along with their respective applications.

**Online**

12201 Ebinger, J Online

#### MATH-04B Calculus II

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Take MATH-04A or MATH-04AS Minimum grade C,P;

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.



This course is a continuation of MATH-04A, addressing application of integration, methods of integration, improper integrals, Taylor's Formula, infinite series, and plane curves and polar coordinates.

**Online**

72163 Geyer, J Online

**MATH-04C Multivariable Calculus**

4.0 units: 72.0 hours lec.

Prerequisite: \*Required\* Take MATH-04B Minimum grade C,P;  
\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course covers vectors and solid analytic geometry, vector-valued functions, partial differentiation, multiple integrals, and topics in vector calculus including Green's and Stokes' theorems.

**Online**

72197 Geyer, J Online

**MATH-15 Finite Mathematics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course covers algebra review, linear models, systems of linear equations, matrices, linear programming, mathematics of finance, set theory, and probability. This course includes applications to business, economics, psychology, and sociology.

**Online**

12203  Navarro, I Online

12204  McCullough, C Online

**MATH-20A Basic Structure of Mathematics I**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to complete the first course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level. It covers elementary set theory, numeration systems, number theory, the set of integers, the set of rational numbers, and the set of real numbers.

**Online**

12205 Mohan, R Online

**MATH-20B Basic Structure of Mathematics II**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to complete the second course of a two-course sequence in basic concepts of mathematics required for students preparing to teach at the elementary school level. This course covers the structure of plane and solid geometry, measurement, introduction to coordinate geometry, elementary probability, and statistics.

**Online**

12207 Mohan, R Online

**MATH-26 College Algebra for Liberal Arts**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This is a college level course in algebra for majors in the Liberal Arts. The course will cover topics on functions, including polynomial, rational, radical, exponential, absolute value, and logarithmic functions. Solving various types of equations, linear systems, and their applications for problem solving will also be discussed.

**Online**

12208 Montoya, J Online

**Music: General (MUSG)****MUSG-13 Jazz Music History**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course presents the history of jazz music from 1890 to the present, including an introduction and analysis of significant jazz artists and their contributions to this American art form. Particular emphasis is given to developing listening skills appropriate to the understanding and appreciation of jazz. In addition, the instructor will discuss international influences and the development of jazz as a world musical form. This course is a listener's guide to the appreciation of jazz and incorporates principles of structure, expression, instrumentation, cultural and social issues integral to jazz music.

**Online**

52058 Taylor, K Online

**MUSG-14 American Popular Music History**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-85A or ENGL-C1000 (formerly ENGL-01A) is advised.

This course presents an introduction to the history and literature of the popular music movement in the United States; it is a study of the relationships of popular music to the social history of America. Emphasis is on styles and personalities of folk, blues, jazz, musical theatre, country & western, and rock 'n' roll. This course is designed for the non-music major.

**Online**

52011 Davidson, B Online

52012 Davidson, B Online

52022 Simon, A Online

52061 Stocking, S Online

52066 Wallace, E Online

52067 Wallace, E Online

52822 Wallace, E Online

Comments: This 8-week class is held from 03/09/26 to 05/01/26.

**MUSG-15 Music Appreciation**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

A survey of art & popular music in western civilization. Topics studied include but are not limited to elements of music, basic musical forms, music periods, styles, and the role of music and musicians in the western world.

**Online**

52825 Wallace, E Online

**Nutrition (NUTR)****NUTR-10 Nutrition**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course presents an in-depth study of the essential nutrients and their

functions, and the chemical composition of foods and their utilization in the body. It includes discussion on the nutritional values of foods, current topics in nutrition and nutritional needs throughout the life cycle. The relationship between diet and diseases will also be covered. Advisory: MATH-80

**Online**

32000	Hobbs, J	Online
32001	Tassey, E	Online
32002	Hobbs, J	Online
32003	Tassey, E	Online

**NUTR-44 Food Safety and Sanitation**

2.0 units: 36.0 hours lec.

This beginning course is designed to teach basic food safety principles of personal and institutional sanitation. This includes the proper storage, preparation, and service as well as HACCP, food allergies, regulators and pest management. An emphasis is placed on the Supervisor's role in maintaining high standards for these principles. This course meets the California Retail Food Code requirement section numbers 113947.1 through 113947.6. This course is required by the Dietary Service Supervisory and Certified Dietary Manager Programs. Students in those programs are required to take and pass the ServSafe Food Handler and ServSafe Manager Exam or equivalent. This course is highly recommended to those interested in working in Food Service industry as well as application to lifelong learning.

**Online**

32846	Tassey, E	Online
Comments: This 8-week class is held 1/12/26 to 3/6/26.		

**NUTR-45 Introduction to Medical Nutrition Therapy**

2.0 units: 36.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to acquaint students with therapeutic and modified diets used in health care facilities. Topics include nutrition for disease states as well as normal nutrition needs. Students will become familiar with principles of nutrition intervention and client care. Students will be able to evaluate menus to meet the nutritional needs of patients. Cultural considerations and the management of long term care residents will be emphasized. This course is required for the student planning a career in food service supervision and plans to become a Certified Dietary Manager. It is especially beneficial for those planning employment in health care institutions and is recommended for nursing students.

**Online**

32870	Bates, K	Online
Comments: This 8-week class is held 3/9/26 to 5/1/26.		

**Philosophy (PHIL)****PHIL-05 Contemporary Ethical Issues**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is recommended.

This course examines the concept of morality and values, representative ethical theories, and their application to contemporary ethical issues such as capital punishment, abortion, war, animal rights and economic justice.

**Online**

22300	Winters, A	Online
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**PHIL-15 Comparative Religions**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course surveys the historical background and fundamental philosophical concepts of the major religions of the world, including Hinduism, Buddhism, Shinto, Confucianism, Judaism, Christianity, Islam, and some typical basic religions.

**Online**

22301		Online
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**Photography (PHOT)****PHOT-33 The History of Photography**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This historical survey course covers image capture techniques from the camera obscura through current digital technologies. The artistic significance and broad social implications of photography provide an underlying basis for critical analysis. The course includes lecture and discussion Components coupled with visual presentations.

**Online**

52072	Gwartney, J	Online
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**Physical Science (PHSC)****PHSC-02 Survey of Chemistry and Physics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. This course is intended for non-science majors.

**Online**

12335	Khurana, P	Online
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**Political Science (POLS)****POLS-C1000 American Government and Politics Political System**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A), ENGL-C1001 (formerly ENGL/PHIL-13) or ENGL-C1001H (formerly ENGL/PHIL-13H) is advised.

Effective Fall 2025, POLS-C1000 replaces POSC-01. This course is an introduction to government and politics in the United States and California. Students examine the constitutions, structure, and operation of governing institutions, civil liberties and civil rights, political behaviors, political issues, and public policy using political science theory and methodology. Emphasis is placed upon various roles of the national and state government, constitutional rights and obligations of citizens, and the evolution and development of California state political institutions.

**Online**

52003	Dehart, C	Online
52004		Online
52068	Patterson, E	Online
52069	Patterson, E	Online
52070	Dehart, C	Online
52071	Dehart, C	Online
52824		Online

Comments: This is a 8 week course it is held from 3/9-5/1.

72217	Mendez, J	Online
72219	Mendez, J	Online

**Psychology (PSYC)****PSYC-01B Introduction to Psychological Research Methods**

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take PSYC-01A or PSYC-01AH; Take PSYC-05 or MATH-10. Minimum grade C,P;  
 \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course reviews psychological methods of research. Attention will be focused on foundations of experimental design, procedures and methodology for collecting research data, and techniques used to analyze, report, and present findings in APA format. Research design will also be examined through a review of past psychological research and various branches of modern Psychology.

**Online**

52083	Bera, S	Online
52084	Bera, S	Online

**PSYC-05 Introduction to Statistics in Psychology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

The theory of parametric and nonparametric statistical methods and their application to psychological data. Topics include: descriptive statistics, probability and sampling distributions; statistical inference and power, linear correlation and regression, chi-square; t-tests; and one-way analysis of variance (ANOVA). Application of both hand-computation and statistical software printouts to data in a psychology context, including the interpretation of the relevance of the statistical findings.

**Online**

52085	Bera, S	Online
52104	Gargano, G	Online
52105	Gargano, G	Online
52803	Gargano, G	Online

Comments: This 8-week course is held 03/09/26 to 05/01/26.

**PSYC-09 Human Development**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (fomerly ENGL-01A) is advised.

This course is an introduction to the scientific study of human development from conception through death. It examines the interplay of biological, psychological, social, and cultural forces on the developing human being.

**Online**

	Clifford, J	Online
Comments: Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.		
	Grimes, J	Online
	Bluett-Murphy, V	Online
	Salazar, R	Online
	Bluett-Murphy, V	Online
Comments: This 8-week course is held 01/12/26 to 03/06/26. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.		

**PSYC-22 Human Sexuality**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course explores the psychology of human sexuality. Human sexuality is examined from psychological, biological, sociocultural, and historical perspectives. Scientific research is presented concerning all aspects of human sexuality in contemporary society. Specific topics include sexual anatomy and physiology, gender, sexual orientations, contraception, sexually transmitted infections, sexual dysfunction, and sex for sale.

**Online**

52015	Clifford, J	Online
52093	Bernard, E	Online
52830	Hernandez, R	Online
52831	Bernard, E	Online

**PSYC-23 Personal and Social Adjustment**

3.0 units: 54.0 hours lec.

This course examines personality factors as they relate to the problems of growth and adjustment. Concepts covered in the course are personality development, the psychological bases of behavior, mental health, and interpersonal relations. Stress is placed on the importance of applying therapeutic principles and techniques in everyday life.

**Online**

52094	Bernar, E	Online
52106	Staff, M	Online
52832	Staff, M	Online
72251	Lemons, S	Online

**PSYC-25 Introduction to Abnormal Psychology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is designed to provide the student with an understanding of abnormal behavior as delineated in the "Diagnostic and Statistical Manual of Mental Disorders." Topics include classifications, clinical pictures, causal factors, treatment, and outcomes of maladaptive behavior. Special emphasis will be placed on assessment, therapy, and prevention of maladaptive behavior.

**Online**

52020	Murphy, J	Online
52095	Hernandez, R	Online
52097	Staff, M	Online

**PSYC-36 Developmental Psychology: Adolescence**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is a study of human development during adolescence. The focus is on major theories and psychological research relating to the physical, cognitive, and psychological research relating to the physical, cognitive, and psychosocial aspects of development during adolescence, with an emphasis on the influence of culture.

**Online**

52010	Clifford, J	Online
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**PSYC-C1000 Introduction to Psychology**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Effective Fall 2025, PSYC-C1000 replaces PYSC-01A. This course is an introduction to psychology, which is the study of the mind and behavior. Students focus on theories and concepts of biological, cognitive, developmental, environmental, social, and cultural influences; their applications; and their research foundations.

**Online**

52073	McBride, G	Online
52074	Rodriguez, A	Online
52075	Rodriguez, A	Online
52076	Sullivan, J	Online
52077	McBride, G	Online

Comments: This 8-week course is held 03/09/26 to 05/01/26.

52078	Staff, M	Online
52081	Salazar, R	Online
52801	Clifford, J	Online
52823	Staff, M	Online

Comments: This 8-week course is held 03/09/26 to 05/01/26.

52826	Grimes, J	Online
72231	Coahran, S	Online

Comments: This 8-week course is held 03/09/26 to 05/01/26.

## Registered Nurse (REGN)

### REGN-18 Pharmacology in Nursing Practice

3.0 units: 54.0 hours lec.

Prerequisite: \*Required\* Take REGN-15

\*Advised\* Previously taken VOCN-46A is advised.

Limitation on Enrollment: Enrollment in the REGN Program. Registered Nursing 18, Pharmacology in Nursing Practice, presents an overview of the basic principles of pharmacology including major drug classifications and prototypes. Principles of medication administration include all aspects of best practice for safe, quality, patient-centered care including developmentally and culturally appropriate interventions. Includes dosage calculations.

#### Online

42000 Schindler, W Online

## Sociology (SOC)

### SOC-01 Introduction to Sociology

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course provides an introduction into what it means to be sociologically mindful and to think sociologically while understanding the difference from other ways of seeing the social world. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologists apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

#### Online

52001 Bishop, K Online  
52023 Gabriella, A Online  
52098 Olson, K Online  
52101 Pierce, T Online  
52103 Mirfakhraie, R Online  
52809

Comments: This 8-week class is held from 03/09/26 to 05/01/26.

### SOC-02 Contemporary Social Problems

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

SOC-02 introduces fundamental theories and methodologies employed in the study of contemporary social problems. An emphasis is placed on analysis of causes and possible solutions to such problems as poverty, discrimination, crime, delinquency, alcoholism, drug abuse, suicide, family, and politics. A global perspective focuses on the international influences and contributions to various contemporary social problems.

#### Online

52107 Shaw, M Online  
52833 Shaw, M Online

### SOC-03 Marriage and the Family

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course provides an overview of sociological theories and concepts utilized to investigate marriage and family relationships. An empirical as well as experiential analysis of marriage and family functions, structures, and roles is emphasized. Special focus is paid to contemporary issues, concerns, and debates regarding marriage and family dynamics.

#### Online

72261 Deeming, K Online

### SOC-04 Introduction to Gender

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Sociological analysis of the social construction of gender, masculinity, and femininity historically and cross-culturally. This course examines the debates on sex and gender. It analyzes the impact of economic and political change on gender expectations and practices. It focuses on macro-analyses of how institutions shape gender and microanalysis of how individuals are socialized and how they "do" and practice gender.

#### Online

52002 Bishop, K Online

### SOC-05 Race, Ethnicity, and Inequality

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course examines the cultural, political, and economic practices and institutions leading to racial and ethnic oppression in the United States, highlighting the agency and resistance of historically marginalized groups. It presents an overview of historical and contemporary patterns of interaction between various racial and ethnic groups through an intersectional and anti-racist perspective.

#### Online

52060 Shaw, M Online  
72263 Coahran, S Online

## Spanish (SPAN)

### SPAN-01 Elementary Spanish I

5.0 units: 90.0 hours lec.

This course will focus on the development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is not recommended for native speakers - native speakers should enroll in SPAN-10.

#### Online

22210 Sobalvarro, N Online  
22211 Colomer-Flores, M Online  
22212 Colomer-Flores, M Online  
22213 Estrada, A Online  
22217 Gonzalez-Mercado, M Online  
72271 Perez, C Online

### SPAN-02 Elementary Spanish II

5.0 units: 90.0 hours lec.

Prerequisite: \*Required\* Take SPAN-01 or two years of high school Spanish.

SPAN-02 is the continuation of SPAN-01. This course will focus on the further development of listening, speaking, reading, and writing in a cultural context, with primary emphasis on communicative competency. Students will learn how to express in Spanish the most basic functions of everyday life. This course is recommended for students who have completed two years of high school Spanish; it is not recommended for native speakers. Native speakers should enroll in SPAN-11.

#### Online

22214 Online

### SPAN-10 Spanish for Spanish Speakers I

5.0 units: 90.0 hours lec.

Prerequisite: \*Required\* Take SPAN-02 or the equivalent; Minimum Grade C,P;

\*Advised\* Previously taken LRNR-30 is advised. This course is designed for native and heritage speakers, as well as other linguistically qualified students, whose formal training in the language is not complete. The course will focus on extensive reading of all types of texts and their reworking in written form with the intention of expanding the vocabulary, creating an incipient awareness of linguistic registers, discussing items beyond the familial routine, improving written expression, and developing an appreciation for Hispanic culture as manifested in Spanish speaking countries and the U.S. This course is entirely conducted in Spanish.

**Online**

22215

Sobalvarro, N

Online

**SPAN-11 Spanish for Spanish Speakers II**

5.0 units: 90.0 hours lec.

Prerequisite: \*Required\* Previously taken SPAN-10 and passed with a minimum grade of C or better or received and equivalent OR Two years of "Spanish for Spanish Speakers."

\*Advised\* Previously taken LRNR-30 is advised.

This course represents the continuation of SPAN 10. It is designed for students who are fluent in Spanish and who are ready to develop literacy skills. This course continues to focus on extensive reading of all types of texts and their reworking in written form with the intention of expanding the vocabulary, increasing the awareness of linguistic registers, discussing items beyond the familial routine, improving written expression - particularly accentuation and spelling - and developing an appreciation for Latino culture as manifested in any of the Spanish-speaking countries including the USA.

**Online**

22216

Online

**Statistics (STAT)****STAT-C1000 Introduction to Statistics**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Effective Fall 2025, STAT-C1000 replaces MATH-10. This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines.

**Online**

12210

Montoya, J

Online

12211

Dawson, C

Online

12212

Dawson, C

Online

12213

Mitchell, P

Online

12214

Montoya, J

Online

12215

Diaz, L

Online

12216

Diaz, L

Online

12221

Atwal, L

Online



12826

Saad, B

Online

Comments: This 12-week class is held from 01/12/26 to 04/03/26.

12827

Mitchell, P

Online

Comments: This 12-week class is held from 02/09/26 to 05/01/26.

12830

Diaz, L

Online

Comments: This 8-week class is held from 03/09/26 to

05/01/26.

**Theatre Arts (THTR)****THTR-01 Introduction to Theater**

3.0 units: 54.0 hours lec.

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

This course is an introduction to the art of theatre that delves into the nature of theatrical presentation, elements of dramatic structure, and the contributions of the playwright, actors, director, designers, technicians, and the audience.

**Online**

52019

McCue-Bryx, L

Online

**Vocational Nursing (VOCN)****VOCN-46A Applied Mathematics for Pharmacology**

1.0 units: 18.0 hours lec.

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

This is an introductory pharmacology course which includes an introduction to the professional context of drug administration, and study of the metric, apothecary, and household systems of measurement. Nursing responsibility to patient safety is included. Completion of this course requires accurate interpretation of doctors order, reading medication bottles, calculating drug dosages, and the reason for their application.

**Online**

42802

Carroll, J

Online

42804

Carroll, J

Online

# Spring 2026 Short Term Classes

## Agriculture Business (AGAB)

### AGAB-08 Agricultural Computer Applications

3.0 units: 36.0 hours lec,

: This course explores computer use in the workplace with emphasis on agribusiness situations. Computer applications including word-processing, spreadsheets, databases, and presentation managers will be covered. Also included will be accessing information through the Internet and World Wide Web, telecommunications, an introduction to web page design and other software appropriate to agribusiness.

#### Online

32955 Casso, C Online  
Comments: This 12-week class is held 1/12/26 to 4/3/26.

## Agriculture Mech Ag (AGMA)

### AGMA-01 Equipment Safety

1.0 units: 9.0 hours lec,

This course is a study of safety on and about farm equipment and machines. The safe operation and daily maintenance of machines commonly used in the daily operation of farming operations will be covered along with hitching, driving, and operational safety skills. The safety rules and laws that apply to agriculture equipment will be stressed.

#### Merced Campus

32957 - Donovan, T  
F 08:00a-01:00p Donovan, T MA-2  
Comments: This 6-week class is held 1/12/26 to 2/20/26.

### AGMA-16 Power Trains

4.0 units: 36.0 hours lec,

This course is a study of the function and repair of a power train from the clutch through the final drive. Topics will include the theory of operation, maintenance, diagnosis, and repair of clutches and torque converters, mechanical and hydraulic transmissions, differentials, and final drives. Safety will be stressed throughout.

#### Merced Campus

32902 MTWTh 07:30a-08:30a Ornelas, R MA-1  
MTWTh 08:30a-11:50a Ornelas, R MA-2  
Comments: This 8-week class is held 1/12/26 to 3/06/26.  
This is a Learning Community and linked to AGMA-16-32902, AGMA-17-32904, AGMA-18-32906, and AGMA-19-32908. You must register for all sections. Students are required to purchase their own pair of safety glasses.  
32903 MTWTh 07:30a-08:30a Ornelas, R MA-1  
MTWTh 08:30a-11:50a Ornelas, R MA-2  
Comments: This 8-week class is held 1/12/26 to 3/06/26. Students are required to purchase their own pair of safety glasses.

### AGMA-17 Applied Electrical and Hydraulic Service

3.0 units: 36.0 hours lec,

This course is designed to give students knowledge and competencies in modern cab and chassis electrical systems, electronics, electrohydraulics, and hydraulic systems. Testing, diagnosis, repair, and replacement of computer controlled systems, monitors, sensors, lighting systems, wiring harness, electro/hydraulic systems, and hydraulic systems will be emphasized throughout the course.

#### Merced Campus

32904 MTWTh 12:35p-02:15p Donovan, T MA-1  
MTWTh 02:25p-04:55p Donovan, T MA-2  
Comments: This 5-week class is held 1/12/26 to 2/13/25.  
This is a Learning Community and linked to AGMA-16-32902, AGMA-17-32904, AGMA-18-32906, and AGMA-19-32908. You must register for all sections. Students are required to purchase their own pair of safety glasses.

32905 MTWTh 12:35p-02:15p Donovan, T MA-1  
MTWTh 02:25p-04:55p Donovan, T MA-2  
Comments: This 4-week class is held 1/12/26 to 2/13/26. Students are required to purchase their own pair of safety glasses.

## AGMA-18 Applied Diesel Technical Skills

2.0 units: 18.0 hours lec,

This course includes applied skills in the service and repair of diesel engines and their sub-systems. Emphasis is placed upon in-frame service/rebuild applications, electronic service information, and component installation and timing. Testing and diagnostic procedures for after service/repair is an important part of the course. Industry safety is emphasized throughout the course.

#### Merced Campus

32906 MTWTh 12:35p-01:25p Donovan, T MA-1  
MTWTh 01:35p-04:10p Donovan, T MA-2  
Comments: This 5-week class is held 2/16/26 to 3/20/36.  
This is a Learning Community and linked to AGMA-16-32902, AGMA-17-32904, AGMA-18-32906, and AGMA-19-32908. You must register for all sections. Students are required to purchase their own pair of safety glasses.  
32907 MTWTh 12:35p-01:25p Donovan, T MA-1  
MTWTh 01:35p-04:15p Donovan, T MA-2  
Comments: This 5-week class is held 2/16/26 to 3/20/26. Students are required to purchase their own pair of safety glasses.

## AGMA-19 Advanced Diagnosis and Repair

3.0 units: 36.0 hours lec,

This course is designed for students who have completed a majority of the Diesel Equipment/Mechanized Agricultural courses. Emphasis will be placed on modern diagnosis and equipment repair techniques used in agriculture, heavy equipment and on-highway truck industries.

#### Merced Campus

32908 MTWTh 07:30a-08:25a Ornelas, R MA-1  
MTWTh 08:25a-11:35a Ornelas, R MA-2  
Comments: This 4-week class is held 3/9/26 to 4/3/26. This is a Learning Community and linked to AGMA-16-32902, AGMA-17-32904, AGMA-18-32906, and AGMA-19-32908. You must register for all sections. Students are required to purchase their own pair of safety glasses.  
32909 MTWTh 07:30a-08:25a Ornelas, R MA-1  
MTWTh 08:25a-11:35a Ornelas, R MA-2  
Comments: This 4-week class is held 3/9/26 to 4/3/26. Students are required to purchase their own pair of safety glasses.

## Agriculture Plant Science (AGPS)

### AGPS-05 Soil Science

3.0 units: 36.0 hours lec,

This course provides a basic knowledge of the physical, chemical, and biological properties of soils and their characteristics. The course includes factors of fundamental soil properties, soil and plant relationships, principles of soil formation, fertilizers and soil management, salinity, pH, erosion management, and nonagricultural uses.

#### Online

32815 Bell, S Online  
Comments: This 12-week class is held 2/9/26 to 5/1/26.

## Allied Health (ALLH)

### ALLH-67 Medical Terminology

3.0 units: 54.0 hours lec,

This course is a study of general medical terminology -- diagnostic, operative, and symptomatic terms related to body systems -- with emphasis on proper spelling and pronunciation.

**Online**

42819 Hannah, S Online  
42829 Carroll, J Online

**Administrative Office Mgmt (AOM)****AOM-30 Introduction to Computer Applications**

3.0 units: 36.0 hours lec,

This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

**Online**

92801 Garcia Martinez, J Online  
Comments: This 8-week course is held 01/12/26 to 03/06/26.

**AOM-43 Essentials of Business Communication**

3.0 units: 45.0 hours lec,

This course covers the business writing patterns of routine, persuasive, and negative messages. Students learn the basic training in listening, speaking, and non-verbal communication in order to develop the skills needed in everyday business communication. Given a scenario, students create e-mail, memos, letters, proposals, reports, and an ePortfolio. Students also learn about doing business with other cultures and giving oral business presentations.

**Merced Campus**

92881 Pirtle, T  
Comments: This 5-week course is held 02/17/26 to 03/20/26.  
This class is a Learning community and linked to AOM-43-92881, AOM-50B-92884, AOM-50C-92831, AOM-52C-92815, AOM-56-92843, AOM-58A-92857, and VIRT-51-92855 classes.  
You must register for all sections.

**Online**

92882 Staff, M Online  
Comments: This 5-week course is held 02/17/26 to 03/20/26.

**AOM-50B Document Formatting**

3.0 units: 36.0 hours lec,

Students will learn the (1) development of basic computerized keyboarding techniques and (2) fundamental knowledge of word processing software to properly format memorandums, letters, envelopes, tables, and reports.

**Online**

92884 Garcia Martinez, J Online  
Comments: This 8-week course is held 03/09/26 to 05/01/26.  
This class is a Learning community and linked to AOM-43-92881, AOM-50B-92884, AOM-50C-92831, AOM-52C-92815, AOM-56-92843, AOM-58A-92857, and VIRT-51-92855 classes.  
You must register for all sections.

**92885**

Blackmore, C Online

Comments: This 8-week course is held 03/09/26 to 05/01/26.

**AOM-50C Learn to Type**

1.0 units: 9.0 hours lec,

This course provides an introduction to the keyboard for non-typists.

**Online**

92831 Garcia Martinez, J Online  
Comments: This 4-week course is held 01/12/26 to 02/06/26.  
This class is a Learning community and linked to AOM-43-92881, AOM-50B-92884, AOM-50C-92831, AOM-52C-92815, AOM-56-92843, AOM-58A-92857, and VIRT-51-92855 classes.  
You must register for all sections.

**92832**

Staff, M Online

Comments: This 4-week course is held 01/12/26 to 02/06/26.

**AOM-52C Keyboarding Speed & Accuracy**

1.0 units: 9.0 hours lec,

This course is designed to increase keyboarding speed and accuracy through individualized evaluation. The course helps bridge the speed gap between each level of keyboarding instruction. It is designed for the

student who wishes to gain keyboarding speed and accuracy.

**Online**

92815 Garcia Martinez, J Online  
Comments: This 4-week course is held 02/09/26 to 03/06/26.  
This class is a Learning community and linked to AOM-43-92881, AOM-50B-92884, AOM-50C-92831, AOM-52C-92815, AOM-56-92843, AOM-58A-92857, and VIRT-51-92855 classes.  
You must register for all sections.

**92816**

Staff, M Online

Comments: This 4-week course is held 02/09/26 to 03/06/26.

**AOM-56 Office Procedures**

3.0 units: 45.0 hours lec,

Students will learn the skills, strategies, and techniques needed to perform the common office procedures within any form of business.

**Online**

92843 Pirtle, T Online  
Comments: This 6-week course is held 03/23/26 to 05/01/26.  
This class is a Learning community and linked to AOM-43-92881, AOM-50B-92884, AOM-50C-92831, AOM-52C-92815, AOM-56-92843, AOM-58A-92857, and VIRT-51-92855 classes.  
You must register for all sections.

**92844**

Pirtle, T Online

Comments: This 6-week course is held 03/23/26 to 05/01/26.

**AOM-58A Website Development**

2.0 units: 18.0 hours lec,

This is an introductory course in the planning, design, and creation of a website.

**Online**

92857 Garcia Martinez, J Online  
Comments: This 8-week course is held 03/09/26 to 05/01/26.  
This class is a Learning community and linked to AOM-43-92881, AOM-50B-92884, AOM-50C-92831, AOM-52C-92815, AOM-56-92843, AOM-58A-92857, and VIRT-51-92855 classes.  
You must register for all sections.

**92858**

Garcia Martinez, J Online

Comments: This 8-week course is held 03/09/26 to 05/01/26.

**Art (ART)****ART-06 Survey of Modern Art**

3.0 units: 54.0 hours lec,

: This course is a survey of the prominent artists and art movements from the 19th and 20th centuries to today. Major works in painting, sculpture, architecture and the applied arts are covered. The historical context of science, invention, world events, politics, philosophy, religion, and music are examined as influences reflected in each generation's contribution to the history of the visual arts.

**Online**

52800 Benhissen, L Online  
Comments: This 8-week class is held from 03/09/26 to 05/01/26.

**52813**

Online

Comments: This 8-week class is held from 03/09/26 to 05/01/26.

**Athletics (ATHL)****ATHL-01B Intercollegiate Basketball**

1.5 units:

Limitation on Enrollment: This is a varsity team sport requiring coach's or academic athletic advisor's approval. This course teaches theory, practice and game performance of competitive basketball. This course may be repeated three times.

**Merced Campus**

01121 MTWThF 11:00a-12:50p Baker, A GYM-1  
01122 MTWThF 08:00a-09:50a Fermin, A GYM-1  
Comments: This 8-week class meets from 1/12/26 to 3/6/26.

**ATHL-02B Off-Season Conditioning for Basketball**

1.0 units:

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of basketball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate basketball competition and may be repeated to meet requirements for CCCAA eligibility.

**Merced Campus**

01123	MTWTh	07:45a-09:10a	GYM-1
Comments: This 8-week class meets from 3/9/26 to 5/1/26.			
01124	MTWTh	11:00a-12:25p	Baker, A
Comments: This 8-week class meets from 3/9/26 to 5/1/26.			

**ATHL-02D Off-Season Conditioning for Football**

1.0 units:

Limitation on Enrollment: This is a varsity team off-season conditioning course that requires coach's or academic advisor's signature. This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of football. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course is designed to prepare students for intercollegiate football competition and may be repeated to meet requirements for CCCAA eligibility.

**Merced Campus**

01130	MTWTh	03:45p-05:10p	Pinasco, J	ATHL-STAD
Comments: This 8-week class meets from 3/9/26 to 5/1/26.				
01131	MTWTh	03:00p-05:15p	Borba, F	ATHL-STAD
Comments: This 8-week class meets from 3/9/26 to 5/1/26.				

**Automotive Technology (AUTO)****AUTO-32 Wheel Alignment and Suspension**

4.0 units: 54.0 hours lec,

This course is designed to provide the technical knowledge and experience required for aligning and servicing suspension systems on modern automobiles. Laboratory exercises will provide the student an opportunity to develop entry-level skills in the use of machines and equipment commonly used in wheel alignment, tire service, and front-end repairs.

**Merced Campus**

39137	MTWTh	08:00a-09:50a	Martinez, J	IT-3
	MTWTh	09:50a-11:40a	Martinez, J	IT-1
Comments: This 7-week class is held 3/9/26 to 4/24/26. This is a Learning Community and linked to AUTO-33-39426, AUTO-57-39135, AUTO-32-39137, and AUTO-54-39425. You must register for all sections.				
39138	MTWTh	08:00a-09:50a	Martinez, J	IT-3
	MTWTh	09:50a-11:40a	Martinez, J	IT-1

Comments: This 7-week class is held 3/9/26 to 4/24/26.

**AUTO-33 Automotive Brake Systems**

4.0 units: 54.0 hours lec,

This course is designed for students without prior experience in automotive brake repair. The course will cover theory, service and repair of conventional, Antilock Brake Systems (ABS) and related brake systems. Laboratory exercises will provide the student the opportunity to develop skills and knowledge in the use of tools and equipment necessary in the repair and service of automotive brake systems.

**Merced Campus**

39426	MTWTh	01:00p-03:00p	Martinez, J	IT-3
	MTWTh	03:00p-05:00p	Martinez, J	IT-1
Comments: This 7-week class is held 1/12/26-2/27/26. This is a Learning Community and linked to AUTO-33-39426, AUTO-57-39135, AUTO-32-39137, and AUTO-54-39425. You must register for all sections.				
39801	MTWTh	01:00p-03:00p	Martinez, J	IT-3

MTWTh	03:00p-05:00p	Martinez, J	IT-1
Comments: This 7-week class is held 1/12/26 to 2/27/26.			

**AUTO-36 Automotive Manual Transmissions & Drive Trains**

4.0 units: 54.0 hours lec,

This course is designed for the student without any prior experience in standard transmissions or drive axles. The class will provide technical information required for understanding and repairing of manual transmissions and drive trains. Laboratory exercise will provide the student with proper repair procedures and use of related tools and equipment. Standard transmissions, transaxles, differentials, drivelines, and related components will be covered.

**Merced Campus**

39403	MTWTh	01:00p-03:00p	Weepers, M	IT-4B
	MTWTh	03:00p-05:00p	Weepers, M	IT-5
Comments: This 7-week class is held 1/12/26 to 2/27/26. This is a Learning Community and linked to AUTO-36-39403, AUTO-61-39405, AUTO-64-39179, and AUTO-58-39186. You must register for all sections.				
39404	MTWTh	01:00p-03:00p	Weepers, M	IT-4B
	MTWTh	03:00p-05:00p	Weepers, M	IT-5

Comments: This 7-week class is held 1/12/26 to 2/27/26.

**AUTO-44 Automotive Air Conditioning, Heating System, Cooling Systems**

4.0 units: 54.0 hours lec,

This is a basic course in the principles of operation of automotive air conditioning, heating system, and cooling system. The course covers theory, system controls, troubleshooting, service, and repairs. Lab emphasis consists of system diagnosis servicing, repairs, and preventive maintenance on live vehicles.

**Merced Campus**

39049	MTWTh	08:00a-09:50a	Gregory, A	IT-4A
	MTWTh	09:50a-11:40a	Gregory, A	IT-2
Comments: This 7-week class is held 1/12/26 to 2/27/26. This is a Learning Community and linked to AUTO-44-39049, AUTO-55-39305, AUTO-76-39302, and AUTO-59-39304. You must register for all sections.				
39099	MTWTh	08:00a-09:50a	Gregory, A	IT-4A
	MTWTh	09:50a-11:40a	Gregory, A	IT-2

Comments: This 7-week class is held 1/12/26 to 2/27/26.

**AUTO-54 Automotive Basic Skills**

4.0 units: 54.0 hours lec,

This course is an introduction to the Automotive Program and is designed for the entry level automotive student to develop the fundamental knowledge and skills required to enter subsequent automotive courses. This course will cover vehicle identification, use of repair databases, use of critical tools/equipment, and electrical fundamentals necessary for the use of electrical test equipment.

**Merced Campus**

39425	MTWTh	08:00a-10:00a	Weepers, M	IT-4B
	MTWTh	10:00a-12:00p	Weepers, M	IT-5
Comments: This 7-week class is held 1/12/26 to 2/27/26. This is a Learning Community and linked to AUTO-33-39426, AUTO-57-39135, AUTO-32-39137, and AUTO-54-39425. You must register for all sections.				
39534	MTWTh	08:00a-10:00a	Weepers, M	IT-4B
	MTWTh	10:00a-12:00p	Weepers, M	IT-5

Comments: This 7-week class is held 1/12/26 to 2/27/26.

**AUTO-55 Automotive Emissions Level 1 and 2 Training**

5.0 units: 81.0 hours lec,

This course is designed to provide students with knowledge and skills necessary to perform Smog Check Inspections. Level 1 training is intended to provide students with fundamental knowledge of engine and emission control theory, design and operation. Level 2 training is intended to provide students the knowledge, skills, and abilities needed



to perform Smog Check inspections. Students who successfully complete this training will have met the California Bureau of Automotive Repair requirements for Level 1 and 2 training to qualify to take the Smog Check Inspector state licensing examination.

**Merced Campus**

39305	MTWTh 01:00p-03:55p	Gregory, A	IT-4A
	MTWTh 03:55p-04:45p	Gregory, A	IT-2
Comments: This 7-week class is held 3/9/26 to 4/24/26. This is a Learning Community and linked to AUTO-44-39049, AUTO-55-39305, AUTO-76-39302, and AUTO-59-39304. You must register for all sections.			
39306	MTWTh 01:00p-03:55p	Gregory, A	IT-4A
	MTWTh 03:55p-04:45p	Gregory, A	IT-2

Comments: This 7-week class is held 3/9/26 to 4/24/26.

**AUTO-57 Automotive Electrical Systems**

4.5 units: 67.5 hours lec,

This course covers automotive electrical systems and includes a review of electron theory, magnetism, and semiconductors. The student will acquire technical and working knowledge of starting, charging and ignition systems and components. The student will acquire working and technical knowledge of electrical accessories and accessory circuits. The use of special service tools and electronic diagnostic equipment will be included.

**Merced Campus**

39135	MTWTh 01:00p-03:10p	Gregory, A	IT-4A
	MTWTh 03:10p-04:25p	Gregory, A	IT-2
Comments: This 7-week class is held 3/9/26 to 4/24/26. This is a Learning Community and linked to AUTO-33-39426, AUTO-57-39135, AUTO-32-39137, and AUTO-54-39425. You must register for all sections.			
39438	MTWTh 01:00p-03:10p	Gregory, A	IT-4A
	MTWTh 03:10p-04:25p	Gregory, A	IT-2

Comments: This 7-week class is held 3/9/26 to 4/24/26.

**AUTO-58 Automotive Computerized Controls**

4.5 units: 67.5 hours lec,

This course provides an in-depth exploration of automotive computers and electronic systems, essential for modern vehicle diagnostics and repair. Students will gain a comprehensive understanding of the integration of computer technology in automotive systems including various sensors and actuators. Key topics include the fundamentals of automotive electronics, the architecture of automotive computer systems, communication protocols such as CAN bus, OBD-II diagnostics, and the role of software in vehicle performance and safety.

**Merced Campus**

39186	MTWTh 08:00a-10:20a	Gregory, A	IT-4A
	MTWTh 10:20a-11:40a	Gregory, A	IT-2
Comments: This 7-week class is held 1/12/26 to 2/27/26. This is a Learning Community and linked to AUTO-36-39403, AUTO-61-39405, AUTO-64-39179, and AUTO-58-39186. You must register for all sections.			
39599	MTWTh 08:00a-10:20a	Gregory, A	IT-4A
	MTWTh 10:20a-11:40a	Gregory, A	IT-2

Comments: This 7-week class is held 1/12/26 to 2/27/26.

**AUTO-59 Introduction to Electrified Vehicles**

4.5 units: 67.5 hours lec,

Students must have basic understanding of automotive electrical systems and use of electrical test equipment. The course is designed for students without prior knowledge of Hybrid and Electric Vehicles. This course will cover the different types of electrified vehicles, safety, operation, and basic repair procedures related to electric motors, inverters, and high voltage batteries.

**Merced Campus**

39304	MTWTh 08:00a-10:20a	Martinez, J	
	MTWTh 10:20a-11:40a	Martinez, J	
Comments: This 7-week class is held 1/12/26 to 2/27/26. This is a Learning Community and linked to AUTO-44-39049, AUTO-55-39305, AUTO-76-39302, and AUTO-59-39304. You must register for all sections.			
39307	MTWTh	08:00a-10:20a	Martinez, J

MTWTh 10:20a-11:40a Martinez, J  
Comments: This 7-week class is held 1/12/26 to 2/27/26.

**AUTO-61 Automotive Engines**

4.0 units: 54.0 hours lec,

This is a class in the principles and theory of engine repair and rebuilding including the disassembly and assembly of engines. There will be emphasis on inspection, measuring, and comparing worn and rebuilt parts. Testing equipment will be used during in-car engine condition diagnosis. Also included will be minor machining operations that are used in engine rebuilding and repairing.

**Merced Campus**

39405	MTWTh 08:00a-09:50a	Weepers, M	IT-4B
	MTWTh 09:50a-11:40a	Weepers, M	IT-5
Comments: This 7-week class is held 3/9/26 to 4/24/26. This is a Learning Community and linked to AUTO-36-39403, AUTO-61-39405, AUTO-64-39179, and AUTO-58-39186. You must register for all sections.			
39500	MTWTh 08:00a-09:50a	Weepers, M	IT-4B
	MTWTh 09:50a-11:40a	Weepers, M	IT-5

Comments: This 7-week class is held 3/9/26 to 4/24/26.

**AUTO-64 Automatic Transmissions**

4.0 units: 54.0 hours lec,

This course will cover domestic and import automatic transmissions and transaxles. Rebuilding will include diagnosis, inspection, repair, and testing. Theory will cover power flow, apply devices, hydraulics, torque converters, and shift controls.

**Merced Campus**

39179	MTWTh 01:00p-02:45p	Martinez, J	IT-3
	MTWTh 02:45p-04:30p	Martinez, J	IT-1
Comments: This 7-week class is held 3/9/26 to 4/24/26. This is a Learning Community and linked to AUTO-36-39403, AUTO-61-39405, AUTO-64-39179, and AUTO-58-39186. You must register for all sections.			
39180	MTWTh 01:00p-02:45p	Martinez, J	IT-3
	MTWTh 02:45p-04:30p	Martinez, J	IT-1

Comments: This 7-week class is held 3/9/26 to 4/24/26.

**AUTO-76 Advanced Automotive Service and Document**  
**ment**

4.0 units: 54.0 hours lec,

This college-level course offers advanced training for aspiring automotive technicians, focusing on real-world applications in live vehicle work environments. Students will delve into the intricacies of automotive repair, with an emphasis on the flat rate payment system commonly utilized in the industry. Additionally, students will learn essential skills in documenting their work, ensuring accuracy, professionalism, and compliance with industry standards. Through a combination of hands-on experience and theoretical instruction, participants will develop the expertise needed to excel as proficient automotive technicians in today's dynamic automotive service industry.

**Merced Campus**

39302	MTWTh 01:00p-02:45p	Weepers, M	IT-4B
	MTWTh 02:45p-04:30p	Weepers, M	IT-5
Comments: This 7-week class is held 3/9/26 to 4/24/26. This is a Learning Community and linked to AUTO-44-39049, AUTO-55-39305, AUTO-76-39302, and AUTO-59-39304. You must register for all sections.			
39303	MTWTh 01:00p-02:45p	Weepers, M	IT-4B
	MTWTh 02:45p-04:30p	Weepers, M	IT-5

Comments: This 7-week class is held 3/9/26 to 4/24/26.

**Business (BUS)**
**BUS-10 Introduction to Business**

3.0 units: 54.0 hours lec,

This survey course is an overview of all aspects involved in business. It covers economic foundations, types of business organizations, marketing, money and banking, and finance. This information will be integrated

and related to social, political, legal, and international matters affecting the United States.

**Online**

92845	Macha, A	Online
Comments: This 8-week course is held 01/12/26 to 03/06/26.		
92865	Macha, A	Online
Comments: This 8-week course is held 03/09/26 to 05/01/26.		

**BUS-18A Business Law**

4.0 units: 72.0 hours lec,

This course is a study of legal principles that govern the conduct of business. Included are surveys of the essential elements of legal history and jurisprudence; judicial, administrative, and alternative dispute resolution; ethics; business crime; torts; contracts and the UCC; bankruptcy; agency relationships; property; administrative law; labor and employment law; international law. Introduction to legal research and brief-writing are also included.

**Online**

92871	Foss, A	Online
Comments: This 8-week course is held 01/12/26 to 03/06/26.		
92872	Foss, A	Online
Comments: This 8-week course is held 03/09/26 to 05/01/26.		

**BUS-35 Money Management**

3.0 units: 54.0 hours lec,

This course offers instruction in basic financial, career and life planning. Areas of study include income distribution; occupational earnings; wise buying; credit and borrowing; insurance; housing; savings and investments; taxes; and retirement and planning.

**Online**

92861	Tuttle, N	Online
Comments: This 8-week course is held 01/12/26 to 03/06/26.		
92873	Tuttle, N	Online
Comments: This 8-week course is held 03/09/26 to 05/01/26.		

**BUS-37 Small Business Entrepreneurship**

3.0 units: 54.0 hours lec,

This course is designed to educate prospective new business owners. Topics include the business environment, enterprise management, legal considerations, financing, insuring a business, budgeting, and marketing for a small business.

**Online**

92828	Baker, A	Online
Comments: This 8-week course is held 01/12/25 to 03/06/25.		

**Business - Non-Credit (BUSN)****BUSN-756 Introduction to Office Occupations**

0.0 units:

This entry-level course is designed for the adult student who desires vocational training in the field of Office Occupations. This course will introduce students to computers and the Windows software environment. Students will learn to identify the components of desktop screens and learn to execute basic computer commands. The class will also cover keyboarding, email, basic business skills and downloading files. The course is project-based to develop student entry-level skill proficiency in using Microsoft Office Word, Power Point, Excel and Access. Various simulations reflective of real life experiences will be a major part of the instructional units. The course is 384 to 480 hours in duration and is open entry format.

**Los Banos Campus**

75909	MTWTh	08:00a-12:00p	Her, P	LB-A-108
Comments: Students must be at least 18 years old to enroll in this class. All prospective students are required to attend a mandatory orientation to participate in this tuition-free program. Please refer to this link to our website <a href="https://www.mccc.edu/schools-programs/adult-education-non-credit/medical-assistant/">https://www.mccc.edu/schools-programs/adult-education-non-credit/medical-assistant/</a> for orientation details (dates, times, modalities).				

**Child Development (CLDV)****CLDV-01 Child Growth and Development**

3.0 units: 54.0 hours lec,

Examines the progression of development in the physical, cognitive, social, and emotional domains and identifies developmental milestones for children from conception through adolescence. Emphasis on interactions between biological processes and environmental factors. Students will observe children, evaluate individual differences, and analyze characteristics of development at various stages according to developmental theories. (Approved C-ID CDEV 100)

**Online**

62899	Soria, L	Online
Comments: This 8-week course is held 3/09/26 to 5/01/26. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.		

**CLDV-03 Principles and Practices of Teaching Young Children**

3.0 units: 54.0 hours lec,

Historical contexts and theoretical perspectives of developmentally and culturally appropriate practice in early care and education for children birth through age eight. Explores the typical roles and expectations of early childhood educators. Identifies professional ethics, career pathways, and professional standards. Introduces best practices for developmentally and culturally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development. (Approved for C-ID EVE 110)

**Online**

62894	Parra, L	Online
Comments: This 8-week course is held 3/09/26 to 5/01/26. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.		
62895	Parra, L	Online
Comments: This 8-week course is held 1/12/26 to 3/06/26. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.		

**CLDV-05 Health, Safety and Nutrition**

3.0 units: 54.0 hours lec,

Laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Includes the teacher's role in prevention strategies, nutrition and meal planning, integrating health safety and nutrition experiences into daily routines, and overall risk management. (Approved for C-ID ECE220)

**Online**

61610	Leonetti, P	Online
Comments: This 8-week course is held 01/12/26 to 03/06/26. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.		

**CLDV-06 Teaching in A Diverse Society**

3.0 units: 54.0 hours lec,

Examines the historical and current perspectives on diversity and inclusion and the impact of systemic societal influences on children's development, learning, and school experiences. Strategies for developmentally, culturally, and linguistically appropriate anti-bias curriculum will be explored as well as approaches to promote inclusive and equitable classroom communities. Includes self-reflection on the influence of teachers' own culture and life experiences on teaching and interactions with children and families. (Approved for C-ID ECE 230)

**Online**

62890	McCarrick, S	Online
Comments: This 8-week course is held 3/09/26 to 5/01/26. Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.		

**CLDV-09 Human Development**

3.0 units: 54.0 hours lec,

This course is an introduction to the scientific study of human development from conception through death. It examines interplay of biological,

psychological, social, and cultural forces on the developing human being.

**Online**

62805	Salazar, R	Online
Comments: This 8-week course is held 3/09/26 to 5/01/26.		
	Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.	
62871	Bluett-Murphy, V	Online
Comments: This 8-week course is held 1/12/26 to 03/06/26.		
	Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.	

**CLDV-30 Infant and Toddler Development**

3.0 units: 54.0 hours lec,

A study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasizes the role of family and relationships in development.

**Online**

62850	Oks, O	Online
Comments: This 8-week course is held 01/12/25 to 03/06/25.		
	Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.	

**Communication Studies (COMM)**

**COMM-C1000 Introduction to Public Speaking**

3.0 units: 54.0 hours lec,

Effective Fall 2025, COMM-C1000 replaces COMM-01. In this course, students learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society. Students discover, develop, and critically analyze ideas in public discourse through research, reasoning, organization, composition, delivery to a live audience and evaluation of various types of speeches, including informative and persuasive speeches. (Approved for C-ID COMM 110)

**Online**

22810	Bonstein, J	Online
22811		Online

**Computer Science (CPSC)**

**CPSC-01 Introduction to Computer Information Systems**

4.0 units: 54.0 hours lec,

An introduction to the basics of computing systems, impact of computers on our society, and the future of computing. Focus on using applications, algorithm design, programming basics, database management systems, networking, ethics and security, information systems, internet and web technologies, and computer systems hardware and software components. Application of these concepts and methods through hands-on projects developing computer-based solutions to problems.

**Online**

12804	Kapur, N	Online
Comments: This 8-week class is held from 03/09/26 to 05/01/26.		

**Criminal Justice (CRIM)**

**CRIM-01 Criminology**

3.0 units: 54.0 hours lec,

This course is an analysis of the nature and patterning of criminality and theories of criminal behavior. Crime control policies are critically examined regarding linkages among 1) social conflicts and inequalities, 2) criminal laws and enforcement practices, and 3) social deviance.

**Online**

42867	Noblett, D	Online
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**CRIM-42D Reserve Officer Module Level 2**

10.0 units: 162.0 hours lec,

Limitation on Enrollment: 1. Students must be cleared by the California Department of Justice (DOJ) to participate. DOJ clearance is evaluated through the LiveScan fingerprint process. This clearance will reveal a qualifying/disqualifying criminal history background. 2. The absence of medical conditions that would prevent strenuous physical training during arrest and control methods training, use of force, and crimes in progress. A physician's clearance indicating good physical health must be presented to the instructor at the first class meeting. 3. Student must possess a California Driver's License. This course satisfies the Level 2 Modular Format Basic Course training requirements of the Commission on Peace Officer Standards and Training (POST). It covers community relations, victimology, crisis intervention, property crimes, crimes against persons, general criminal statutes, laws of arrest, laws of search and seizure, presentation of evidence, investigative report writing, use of force, patrol techniques, vehicle pullovers, crimes in progress, traffic enforcement, unusual occurrences, preliminary investigation, arrest and control methods-including baton, firearms, chemical agents, persons with disabilities, crimes against the justice system, weapons violations, hazardous materials, cultural diversity and discrimination issues. Students missing more than 5% of class time will not be allowed to complete the class (POST regulations). Students will participate in one or more learning activities from the POST-developed Instructor's Guide to Learning Activities for Leadership, Ethics and Community Policing (December 2005) or other comparable sources regarding leadership to consist of 3 hours per week.

**Merced Campus**

49600	TTh	06:00p-09:50p	Johnson, M	PSC-1
	S	08:00a-11:30a	Johnson, M	PSC-1
	S	12:30p-02:30p	Johnson, M	PSC-1
Comments: This class is held 01/13/26 to 04/23/26. IN-CLASS SESSIONS: In addition, this class will also meet on Saturdays and Sundays includes a 60-minute lunch. Dates and Hours by arrangement will be assigned during the first lecture session. Requires a \$378.91 fee for materials; other fees may apply.				
This class may have a web component which requires internet access. Contact: mark.johnson709@mccd.edu for course-specific questions				

**Computer Tech and Info Systems (CTIS)**

**CTIS-03 Information and Communication Technology Essentials**

4.0 units: 36.0 hours lec,

This course provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level ICT professionals. The fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional will be introduced. Preparation for the CompTIA A+ certification exams.

**Merced Campus**

12902	-	Celly, B	
	W	11:10a-02:15p	Celly, B
Comments: This 8-week class is held from 03/09/26 to 05/01/26 and is both in-person and online.			

**CTIS-04 Programming With Python**

3.0 units: 36.0 hours lec,

An introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience. Python is a dynamic, object oriented language, is perfect for beginner and also meets industry needs.

**Merced Campus**

12904	-		
	M	11:10a-02:15p	AGIT-146
Comments: This 8-week class is held from 01/12/26 to 03/06/26 and is both in-person and online. This class is a Learning Community (Networking) and linked			

to ELCT-36-12908, CTIS-16-12906, CTIS-18-12810, CTIS-23-12812, and ELCT-34-12910. You must register for all sections.

12905 -  
M 11:10a-02:15p AGIT-146  
Comments: This 8-week class is held from 01/12/26 to 03/06/26 and is both in-person and Online.

**Online**  
12805 Anbananthan, S Online  
Comments: This 8-week class is held from 03/09/26 to 05/01/26.

### CTIS-11 Linux System Administration

3.0 units: 36.0 hours lec,  
This course will provide a student with the knowledge and skills required to build, maintain, troubleshoot and support server hardware and software technologies. The course also provides hands-on training of the Linux/Unix operating system. Topics include: installation, management, configuration, security, documentation, utilities, DOS, hacking and file protection on workstations in a LAN environment. This prepares CompTIA Linux+ and Server+.

**Online**  
12800 Online  
Comments: This 8-week class is held from 01/12/26 to 03/06/26.

### CTIS-15 Computer Network Fundamentals

3.0 units: 36.0 hours lec,  
This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. Students achieve a basic understanding of how networks operate and how to build simple local area networks (LAN), perform basic configurations for routers and switches, implement Internet Protocol (IP) and enterprise technologies, including cloud and virtualization. Students will apply the knowledge and skills required to troubleshoot, configure, and manage common network devices; establish basic network connectivity; and implement network security, standards, and protocols. Preparation for the CompTIA Network+ certification exam.

**Merced Campus**  
12901 - Celly, B  
MW 07:45a-10:50a Celly, B AGIT-146  
Comments: This 8-week class is held from 01/12/26 to 03/06/26 and is both in-person and Online.

### CTIS-16 Routing and Switching

3.0 units: 27.0 hours lec,  
This course focuses on switching technologies and router operations that support small-to-medium business networks and includes Wireless Local Area Networks (WLANs) and security concepts. Students learn key switching and routing concepts. Students will perform basic network configuration and troubleshooting, identify and mitigate Local Area Network (LAN) security threats, and configure and secure a basic WLAN.

**Merced Campus**  
12906 - Celly, B  
MW 02:25p-05:30p Celly, B AGIT-146  
Comments: This 8-week class is held from 01/12/26 to 03/06/26 and is both in-person and Online. This class is a Learning Community (Networking) and linked to CTIS-04-12904, ELCT-36-12908, CTIS-18-12810, CTIS-23-12812, and ELCT-34-12910. You must register for all sections.  
12907 - Celly, B  
MW 02:25p-05:30p Celly, B AGIT-146  
Comments: This 8-week class is held from 01/12/26 to 03/06/26 and is both in-person and Online.

### CTIS-17 Systems and Network Administration

3.0 units: 27.0 hours lec,  
Demonstrate proficiency in network architecture, protocols, and services. Configure and secure network devices, including routers, switches, and firewalls. Implement virtualization technologies, including VMware, to optimize resource allocation. Administer server environments, encompassing Windows and Linux, within virtualized settings. Manage directory services, such as Active Directory and LDAP, for user and resource management. Utilize platform services, including cloud computing and containerization, to enhance scalability and efficiency. Develop comprehensive backup and disaster recovery plans for virtualized systems and platform services. Effectively troubleshoot common network, system, directory, and virtualization issues. Apply industry best practices in virtualization, virtual networking, directory services, and system administration.

passing Windows and Linux, within virtualized settings. Manage directory services, such as Active Directory and LDAP, for user and resource management. Utilize platform services, including cloud computing and containerization, to enhance scalability and efficiency. Develop comprehensive backup and disaster recovery plans for virtualized systems and platform services. Effectively troubleshoot common network, system, directory, and virtualization issues. Apply industry best practices in virtualization, virtual networking, directory services, and system administration.

**Online**  
12806 Adame, A Online  
Comments: This 8-week class is held from 03/09/26 to 05/01/26.

### CTIS-18 Network Security and Automation

3.0 units: 27.0 hours lec,  
Cisco Certified Networking Associate (CCNA) curriculum describes the architecture, components, operations, and security to scale for large, complex networks, including wide area network (WAN) technologies. The course emphasizes network security concepts and introduces network virtualization and automation. Students learn how to configure, troubleshoot, and secure enterprise network devices and understand how application programming interfaces (API) and configuration management tools enable network automation.

**Online**  
12810 Shi, J Online  
Comments: This 8-week class is held from 03/09/26 to 05/01/26. This class is a Learning Community (Networking) and linked to CTIS-04-12904, CTIS-16-12906, ELCT-36-12908, CTIS-23-12812, and ELCT-34-12910. You must register for all sections.  
12811 Shi, J Online  
Comments: This 8-week class is held from 03/09/26 to 05/01/26.

### CTIS-20 Introduction to Information Systems Security

3.0 units: 27.0 hours lec,  
An introduction to the fundamental principles and topics of Information Technology Security and Risk Management at the organizational level. It addresses hardware, software, processes, communications, applications, and policies and procedures with respect to organizational Cybersecurity and Risk Management. Preparation for the CompTIA Security+ certification exams.

**Online**  
12801 Shi, J Online  
Comments: This 8-week class is held from 01/12/26 to 03/06/26.

### CTIS-21 Introduction to Cyber Security: Ethical Hacking

3.0 units: 36.0 hours lec,  
This course that introduces students to the concepts, principles, and techniques, supplemented by hands-on exercises, for attacking and disabling a network within the context of properly securing a network. The course emphasizes network attack methods with the emphasis on student use of network attack techniques and tools and appropriate defenses and countermeasures. Students receive course content information through a variety of methods: lecture and demonstration of hacking tools will be used in addition to a virtual environment. Students experience a hands-on practical approach to penetration testing measures and ethical hacking.

**Online**  
12807 Online  
Comments: This 8-week class is held from 03/09/26 to 05/01/26.

### CTIS-23 Cyber Network Defense

3.0 units: 27.0 hours lec,  
This course equips students with the knowledge and skills required to secure networks effectively. With this course, a network professional can demonstrate the skills required to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security



threats. The course will cover core security technologies, the installation, troubleshooting and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices, and competency in the technologies that networking uses in its security structure.

**Online**

12812	Celly, B	Online
Comments: This 8-week class is held from 03/09/26 to 05/01/26. This class is a Learning Community (Networking) and linked to CTIS-04-12904, CTIS-16-12906, ELCT-36-12908, CTIS-18-12810, and ELCT-34-12910. You must register for all sections.		
12813	Celly, B	Online
Comments: This 8-week class is held from 03/09/26 to 05/01/26.		

**CTIS-27 Cloud Security and AI: Foundational Conc**

3.0 units: 27.0 hours lec,

This course provides a broad overview of cloud security, allowing students to gain critical insights into issues such as techniques to implement security controls, threat protection, data security, key management, and identity and access management. In addition, students will explore AI-driven security solutions, such as threat detection, anomaly detection, and automated response systems. This course also covers networks in cloud and hybrid environments as part of an end-to-end infrastructure, with a focus on leveraging AI to enhance security monitoring, optimize network traffic, and identify vulnerabilities in real-time.

**Online**

12802	Ruiz, P	Online
Comments: This 8-week class is held from 01/12/26 to 03/06/26.		

**CTIS-32 Threat Hunting, Incident Response and Crisis Management**

3.0 units: 27.0 hours lec,

In this course students will explore an introduction to cyber incident response using industry-recognized tools. Topics covered include incident response case studies, incident response tools used in industry, advanced persistent threats, documentation and technical reporting, timeline analysis, case management, and hunting, gathering, and foraging for cyber threats. Hands-on assignments will be used to help students develop introductory technical skills relevant to entry-level cybersecurity professionals.

**Online**

12808		Online
Comments: This 8-week class is held from 03/09/26 to 05/01/26.		

**CTIS-35 Security Policies and Compliance**

3.0 units: 27.0 hours lec,

This course enable students to learn how to write security policies for an organization and to be able to adapt an existing security policy to organizational needs. The students will understand the various areas that need to be addressed in implementing these policies. This course is for information technology professionals who are responsible for either creating, implementing, or complying with security policies.

**Online**

12803		Online
Comments: This 8-week class is held from 01/12/26 to 03/06/26.		

**Economics (ECON)****ECON-01 Introduction to Microeconomics**

3.0 units: 54.0 hours lec,

ECON-01 is an introductory course in microeconomic theories including maximization, benefit versus cost, rational choice, the analysis of demand and supply, the role of price in free markets, consumer behavior, market structure, production cost, competitive business models, and resource pricing. The course examines the nature of production, distribution, market outcomes, and the role of government in the market.

**Online**

92829	Serpa, C	Online
Comments: This 8-week course is held 03/09/26 to 05/01/26.		

**Education - Non-Credit (EDU)****EDU-112C Skills Acquisition for Student Success - Allied Health**

0.0 units:

This course is designed to provide students the opportunity to improve and enhance their allied health skills through any number of training exercises that assist in the clinical development of and reinforcement of the practical allied health skills. The course is in a lab setting enriched with a resource library, manikins (for skills practice), and computer stations. Course duration is 8-36 hours. Open Entry.

**Los Banos Campus**

75005	Th	10:00a-02:00p	Valdez, M	LB-B-138
Comments: A \$12 materials fee applies to this class. Students must be at least 18 years old to enroll in this class. This 1-week course meets 03/05/26 - 03/05/26 All prospective students are required to first pay a materials fee in order to be enrolled in this 4-hour class. Follow this link to pay <a href="https://docmgmt.mccd.edu/Forms/CPR_FORM">https://docmgmt.mccd.edu/Forms/CPR_FORM</a> . Students must receive enrollment confirmation before attending class.				

75007	Th	10:00a-02:00p	Valdez, M	LB-B-138
Comments: A \$12 materials fee applies to this class. Students must be at least 18 years old to enroll in this class. This 1-week course meets 03/19/26 - 03/19/26 All prospective students are required to first pay a materials fee in order to be enrolled in this 4-hour class. Follow this link to pay <a href="https://docmgmt.mccd.edu/Forms/CPR_FORM">https://docmgmt.mccd.edu/Forms/CPR_FORM</a> . Students must receive enrollment confirmation before attending class.				

75013	S	08:00a-12:00p	Melander, S	LB-B-138
Comments: A \$12 materials fee applies to this class. Students must be at least 18 years old to enroll in this class. This 1-week course meets 03/19/26 - 03/19/26 All prospective students are required to first pay a materials fee in order to be enrolled in this 4-hour class. Follow this link to pay <a href="https://docmgmt.mccd.edu/Forms/CPR_FORM">https://docmgmt.mccd.edu/Forms/CPR_FORM</a> . Students must receive enrollment confirmation before attending class.				

**EDU-508 Mature Driver Improvement**

0.0 units:

This course is designed primarily for drivers age 55 and older. Students receive classroom instruction on driving safety, road courtesy, improving driving performance, and safe driving techniques for emergencies. This course is 8 hours in duration.

**Merced Campus**

95630	T	08:30a-04:30p	Rentfrow, R	BR-C-122
Comments: Students must be at least 18 years old to enroll in this class. This 1-week class is held from 01/13/26 to 01/13/26.				

95631	T	08:30a-04:30p	Rentfrow, R	BR-C-122
Comments: Students must be at least 18 years old to enroll in this class. This 1-week class is held from 04/14/26 to 04/14/26.				

**Los Banos Campus**

75021		08:30a-04:30p	Rentfrow, R	OFLL-LBCC
Comments: Students must be at least 18 years old to enroll in this class. This 1-week class is held from xx/xx/xx to xx/xx/xx.				

**Mariposa**

95633	M	08:30a-04:30p	Rentfrow, R	OFML-MARIP
Comments: Students must be at least 18 years old to enroll in this class. This 1-week class is held from 03/09/26 to 03/09/26.				

**Atwater**

95632	W	08:30a-04:30p	Rentfrow, R	OFML-ATW
Comments: Students must be at least 18 years old to enroll in this class. This 1-week class is held from 02/11/26 to 02/11/26.				

**Electricity/Electronics Tech (ELCT)****ELCT-30 Exploring the World of Electricity and Electronics**

3.0 units: 54.0 hours lec,

This is an overview of electricity and electronics presented in the context of the principles of science. Students will gain an understanding of electronic components and circuits and will learn how to use the scientific method to investigate the physical nature of electricity, magnetism and their applications. Topics such as electronics in biotechnology, communications, consumer electronics, and industrial technology will be addressed, along with the impact and context of the electronic age on modern society.

**Online**

32990	Hamilton, A	Online
Comments: This 4-week class is held 1/12/26 to 2/6/26. This is a Learning Community and linked to ELCT-30-32990, ELCT-53A-32996, ELCT-60-39994, and ELCT-61-39992. You must register for all sections.		
32991	Hamilton, A	Online
Comments: This 4-week class is held 1/12/26 to 2/6/26.		

**ELCT-34 Digital Logic, Circuits, and Systems (Foundations of Electronics)**

3.0 units: 36.0 hours lec,

The aim of this course is to provide the student with an introduction to basic digital electronic devices (logic gates, flip-flops, seven-segment displays, counters, shift registers) and their applications in modern computing, mechatronics and automated systems. A/D and D/A converters and the basic operation of programmable logic controllers and microcomputers will be introduced.

**Merced Campus**

12910	-	Celly, B	AGIT-146
Comments: This 8-week class is held from 03/09/26 to 05/01/26 and is both in-person and Online.			
12911	-	Celly, B	AGIT-146
Comments: This 8-week class is held from 03/09/26 to 05/01/26 and is both in-person and Online.			

**ELCT-36 Networking Topologies and Cabling**

3.0 units: 36.0 hours lec,

This is a course designed to provide the student with information and knowledge to prepare for the industry-standard Building Industry Consulting Service International (BICSI) Register installer. Level I exam, and employment as a telecommunications cabling installer. Students will gain an understanding of the cabling industry, U.S. and international standards, basic networking, signal transmission, copper cabling, fiber optics, installation, safety, structured cabling system basics, cable management, cable testing, and emerging technologies. Students will also be prepared to read network design documentation, architectural blueprints, set up part lists, purchase components, pull and mount cable, choose wiring closets, install jacks, and perform cable testing. This course is repeatable three times.

**Merced Campus**

12908	-	Celly, B	AGIT-146
Comments: This 8-week class is held from 01/12/26 to 03/06/26 and is both in-person and Online.			
12909	-	Celly, B	AGIT-146
Comments: This 8-week class is held from 01/12/26 to 03/06/26 and is both in-person and Online.			

**ELCT-42A Principles and Applications of Programmable Logic Controllers**

2.0 units: 18.0 hours lec,

This course provides instruction in industrial type of computers called "Programmable Logic Controllers" (PLCs). The main topics introduce students to the PLC's basic hardware configuration and programming techniques. During the course students will learn how to configure and use programming instruction to create various applications. The students will program and operate on industrial PLCs as a part of laboratory assignments.

**Merced Campus**

36341	-	Hutchings, J	
W	05:10p-10:25p	Hutchings, J	AGIT-142
Comments: This 8-week class is held 3/9/26 to 5/1/26.			

**ELCT-42B Advanced Topics in PLC Configuration and Programming**

2.0 units: 18.0 hours lec,

The course introduces students to a mid-size Programmable Logic Controller (Allen-Bradley SLC-500) hardware configuration, set-up and programming. During the course students will learn how to use advanced ladder addressing programming instructions as Math, Bit Shift, Compare, Jump, MCR and more, to develop various "real-world" industrial type of PLC applications.

**Merced Campus**

36342	-	Nagano, J	
Th	05:10p-10:00p	Nagano, J	AGIT-142
Comments: This 8-week class is held 1/12/26 to 3/6/26.			

**ELCT-53A Solar Installer Course 1**

3.0 units: 36.0 hours lec,

This is an introductory course that will examine and implement the design and installation of a working solar photovoltaic power system. Students will learn how to safely use appropriate tools, make electrical load and solar system size calculations, and examine installation techniques for both grid-tie and off grid photovoltaic systems. This course is intended for students who are contemplating a career in the solar photovoltaic industry.

**Merced Campus**

32996	-	Nagano, J	AGIT-139
Comments: This 4-week class is held 3/9/26 to 4/3/26. This is a Learning Community and linked to ELCT-30-32990, ELCT-53A-32996, ELCT-60-39994, and ELCT-61-39992. You must register for all sections.			
32997	-	Nagano, J	AGIT-139
Comments: This 4-week class is held 3/9/26 to 4/3/26.			

**ELCT-55 Electrical Conduit Bending Theory and Techniques**

1.0 units: 9.0 hours lec,

This course provides a comprehensive overview of conduit bending, fabrication procedures and methods. It will develop basic competencies in electrical apprentices and beginning learners. It will discuss hand bending for 90 degree bends, offsets and kicks, saddles and corner offsets, segmented bends, threaders, benders and other conduit types. These conduit types will include electrical metallic tubing (EMT), galvanized rigid conduit (GRC), rigid aluminum, intermediate metallic conduit (IMC), various poly-vinyl chloride (PVC), and flexible plastic and metallic conduit. Wiring in accordance with the National Electrical Code (NEC) will be stressed. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

**Merced Campus**

39048	-	Hamilton, A	AGIT-142
Comments: This 4-week class is held 3/9/26 to 4/3/26. This is a Learning Community and linked to INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, ELCT-59-32234, and ELCT-55-39046. You must register for all sections.			

39050 - Hamilton, A  
 MTWTh 12:30p-01:55p Hamilton, A AGIT-142  
 Comments: This 4-week class is held 3/9/26 to 4/3/26.

### ELCT-56 Introduction to Mechatronics

4.0 units: 36.0 hours lec,  
 This course introduces students to mechatronics, the rapidly developing field that integrates mechanical, electronic and software engineering in the service of advanced manufacturing. Students will develop an interdisciplinary and integrated approach to design, manufacturing and troubleshooting mechatronics systems. Students will learn how various components such as electronic sensors, electro-pneumatic valves, actuators, motors, and robotic arms work, and how they can be integrated with other mechanical components into complex automated systems. OSHA safety training and certification will be included. Hands-on experience in building and programming a variety of mechatronics projects that simulate real-life industrial automated systems will be provided in laboratory activities.

#### Merced Campus

39007 - Hamilton, A  
 MTWTh 08:00a-11:15a Hamilton, A AGIT-141  
 Comments: This 8-week class is held 2/9/26 to 4/3/26. This is a Learning Community and linked to INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, ELCT-59-32234, and ELCT-55-39046. You must register for all sections.

39283 - Hamilton, A  
 MTWTh 08:00a-11:15a Hamilton, A AGIT-141  
 Comments: This 8-week class is held 2/9/26 to 4/3/26.

### ELCT-59 Electrical Safety and Industrial Skills

2.0 units: 36.0 hours lec,  
 This course is an introduction into basic electrical safety and industrial skills associated with the Electrical and Industrial Technology programs offered at Merced College. The course will give students an opportunity to learn industry standard safe working practices in the electrical and maintenance trades as well as the safe operation of industrial equipment. The student will be trained in the safe use of Merced College electrical trainer and equipment that will be used in more advanced Electrical and Industrial Technology classes.

#### Online

32234 - Hamilton, A Online  
 Comments: This 4-week class is held 2/9/26 to 3/6/26. This is a Learning Community and linked to INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, ELCT-59-32234, and ELCT-55-39046. You must register for all sections.

32235 - Hamilton, A Online  
 Comments: This 4-week class is held 2/9/26 to 3/6/26.

### ELCT-60 Commercial Electrical Wiring and Install

3.0 units: 36.0 hours lec,  
 This course details the concepts and procedures and layout. This course covers the codes and ordinances for wiring, load calculations and clean energy integration to residential and commercial buildings. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

#### Merced Campus

39994 - Hamilton, A  
 MTWTh 12:30p-03:50p Hamilton, A AGIT-142  
 Comments: This 4-week class is held 1/12/26 to 2/6/26. This is a Learning Community and linked to ELCT-30-32990, ELCT-53A-32996, ELCT-60-39994, and ELCT-61-39992. You must register for all sections.

39995 - Hamilton, A  
 MTWTh 12:30p-03:50p Hamilton, A AGIT-142  
 Comments: This 4-week class is held 1/12/26 to 2/6/26.

### ELCT-61 Introduction to Residential Wiring Tech Electrical Design

3.0 units: 36.0 hours lec,  
 This course is a study of wiring and installation commercial electrical construction applications. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical

Codes change.

#### Merced Campus

39992 - Hamilton, A  
 MTWTh 12:30p-03:50p Hamilton, A AGIT-141  
 Comments: This 4-week class is held 2/9/26 to 3/6/26. This is a Learning Community and linked to ELCT-30-32990, ELCT-53A-32996, ELCT-60-39994, and ELCT-61-39992. You must register for all sections.

39993 - Hamilton, A  
 MTWTh 12:30p-03:50p Hamilton, A AGIT-141  
 Comments: This 4-week class is held 2/9/26 to 3/6/26.

### Emergency Medical Care (EMER)

#### EMER-50A Emergency Medical Technician 1, Module A

2.5 units: 40.5 hours lec,  
 Limitation on Enrollment: Negative chest xray for TB within 1 year; A CPR course based on American Red Cross Professional Rescuer or American Heart Association Healthcare provider. This is the first of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians. Students will fulfill 0.75 total lab hours per week by arrangement.

#### Merced Campus

49601 TTh 05:30p-08:40p Melander, S PSC-5  
 TTh 08:50p-10:00p Melander, S PSC-5  
 Comments: This 6-week class is held from 01/13/26 to 02/19/26. Section 49601 Lecture and Lab will be offered Face-to-Face, to be held T/Th 5:30p-10:00p in PSC-5. This class may have a web component which requires internet access. Contact: steven.melander@mccd.edu for course-specific questions. Additional fees may apply. MANDATORY REQUIREMENT: An authorization voucher is required to register for this course. A voucher will be issued by the Public Safety Coordinator, when proof of course requirements are submitted via email to Maria Soto at soto.m@mccd.edu. Limited enrollment.

#### Los Banos Campus

79043 MW 05:30p-09:30p LB-B-138  
 F 05:30p-07:55p LB-B-138

#### EMER-50B Emergency Medical Technician 1, Module B

4.5 units: 67.5 hours lec,  
 Limitation on Enrollment: Neg. TB test before start of Module B for clinical rotations. Current CPR based on American Heart Association BLS Healthcare Provider. Must include Adult, Infant, Child CPR and AED. This is the second of two modules designed to teach basic emergency medical procedures and responsibilities, including stabilization of the sick and injured for transportation to medical facilities, care during transport, communication with base-hospital personnel, and transfer of the injured to the base-hospital emergency room. This course meets the requirements of Title 22, Division of California Administrative Code. Students successfully completing EMER-50A and EMER-50B are eligible to take the EMT 1 certifying exam from the National Registry of Emergency Medical Technicians. Students will fulfill 2.25 total lab hours per week by arrangement.

#### Merced Campus

49602 TTh 05:30p-07:30p Melander, S PSC-5  
 TTh 07:30p-10:00p Melander, S PSC-5  
 S 07:00a-04:25p Melander, S PSC-5  
 Comments: This 10-week class is held from 03/24/26 to 05/30/26. Contact: steven.melander@mccd.edu for

course-specific questions. Additional fees may apply. In addition, two Saturdays 8:00a-5:00p with a 1hr lunch included; days/times to be announced at the first class session. **MANDATORY REQUIREMENT:** An authorization voucher is required to register for this course. A voucher will be issued by the Public Safety Coordinator, when proof of course requirements are submitted via email to Maria Soto at soto.m@mccd.edu. Limited enrollment.

49603	TTh	09:30a-11:30a	Melander, S	PSC-5
	TTh	12:30p-03:00p	Melander, S	PSC-5
	S	07:00a-04:25p	Melander, S	PSC-5

Comments: This 10-week class is held from 01/13/26 to 03/19/26. Section 49603 Lecture and Lab will be offered Face-to-Face, to be held T/Th 9:30a-3:00p in PSC-5. This class may have a web component which requires internet access. Contact: steven.melander@mccd.edu for course-specific questions. Additional fees may apply. **MANDATORY REQUIREMENT:** An authorization voucher is required to register for this course. A voucher will be issued by the Public Safety Coordinator, when proof of course requirements are submitted via email to Maria Soto at soto.m@mccd.edu. Limited enrollment.

#### Los Banos Campus

79045	MW	05:30p-08:40p		LB-B-138
	F	05:30p-09:45p		LB-B-138

### English - Non-Credit (ENG)

#### ENG-123 Adult Literacy Level 2

0.0 units: 81.0 hours lec,

In Adult Literacy Level 2, students will read level-appropriate text (400-499 Lexile) with accuracy, at an appropriate fluency rate; write opinion pieces or simple informative text; become familiar with the use of print and digital search tools; and be introduced to guided research.

#### Los Banos Campus

75065	MW	05:00p-07:00p	Cates, K	LB-A-119
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Comments: Students must be at least 18 years old to enroll in this class.

#### ENG-124 Adult Literacy Level 3

0.0 units: 81.0 hours lec,

In Adult Literacy Level 3, students will read level-appropriate text (500-690 Lexile) with accuracy, at an appropriate fluency rate; write guided assignments based on a variety of prompts that attempt to organize, compose, revise, and edit; use print and digital search tools to locate information relevant to a topic; and participate in guided research at the appropriate level.

#### Los Banos Campus

75067	MW	05:00p-07:00p	Cates, K	LB-A-119
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Comments: Students must be at least 18 years old to enroll in this class.

#### ENG-125 Adult Literacy Level 4

0.0 units: 81.0 hours lec,

In Adult Literacy Level 4, students will read level-appropriate text (700-1090 Lexile) with accuracy, at an appropriate fluency rate; write opinion pieces, supporting a logically ordered point of view with facts and reasons based upon source material; use print and digital search tools to locate information relevant to a topic to broaden an understanding of the topic; and participate in guided research at the appropriate level.

#### Los Banos Campus

75069	MW	05:00p-07:00p	Cates, K	LB-A-119
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Comments: Students must be at least 18 years old to enroll in this class.

#### ENG-801 Beginning ESL Skills

0.0 units:

This course is for preliterate and nonliterate ESL students who have no, or very few, English language skills. Emphasis of the course is on aural/

oral skills and visual reinforcement. Course duration is 204 - 288 hours.

#### Los Banos Campus

75033	TTh	05:30p-07:30p	Crosby, D	LB-A-103
Comments: Students must be at least 18 years old to enroll in this class.				
75041	MTWTh	09:00a-12:00p	Hall, Z	LB-A-103

Comments: Students must be at least 18 years old to enroll in this class.

### ENG-802 Advanced-Beginning ESL Skills

0.0 units:

This course is for preliterate and nonliterate ESL students who have minimal English language skills. Emphasis in this course is on aural and oral skills with visual reinforcement. The student will be introduced to reading, writing and math skills. Course duration is 204 - 288 hours.

#### Los Banos Campus

75035	TTh	05:30p-07:30p	Crosby, D	LB-A-103
Comments: Students must be at least 18 years old to enroll in this class.				
75043	MTWTh	09:00a-12:00p	Hall, Z	LB-A-103

Comments: Students must be at least 18 years old to enroll in this class.

### ENG-813 Low-Intermediate ESL Skills

0.0 units:

This course is designed for low-intermediate level students who need more practice with English skills. This course includes practice in listening, speaking, reading, and writing. Course duration is 204 - 288 hours.

#### Los Banos Campus

75037	TTh	05:30p-07:30p	Crosby, D	LB-A-103
Comments: Students must be at least 18 years old to enroll in this class.				
75045	MTWTh	09:00a-12:00p	Okuye, S	LB-A-105

Comments: Students must be at least 18 years old to enroll in this class.

### ENG-815 Intermediate ESL Skills

0.0 units:

This course is for intermediate level students who have learned basic survival skills, but who need instruction that will lead to a relatively sophisticated level of discourse of issues and ideas that reach beyond basic survival. This course will prepare students to take credit courses at Merced College. This course includes practice in listening, speaking, reading, and writing. Course duration is 204 - 288 hours.

#### Los Banos Campus

75039	TTh	05:30p-07:30p	Crosby, D	LB-A-103
Comments: Students must be at least 18 years old to enroll in this class.				
75047	MTWTh	09:00a-12:00p	Okuye, S	LB-A-105

Comments: Students must be at least 18 years old to enroll in this class.

### ENG-820 ESL Workforce Training for Adults

0.0 units: 72.0 hours lec,

This 72-hour course provides intensive language acquisition skills that prepare non-native English speakers to enter the workforce. The focus is on building communication skills and listening strategies that are necessary to succeed at entry-level positions in a variety of job settings. Students will practice conversation skills while learning about the culture of work, follow oral instructions, and learn to meet employment expectations.

#### Los Banos Campus

75099	M	12:00p-02:00p	Okuye, S	LB-A-105
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Comments: Students must be at least 18 years old to enroll in this class.

### English (ENGL)

#### ENGL-01B Introduction to Literature

3.0 units: 54.0 hours lec,

This course introduces representative works from four major genres: short story, novel, drama, and poetry. Students develop analytical and evaluative reading and writing skills while acquiring an appreciation for the cultural context and the aesthetic qualities of literature. Students read texts from various countries and periods in order to encourage an appreciation of literature's range, artistry, and insight into the human experience.

#### **Merced Campus**

29002 TTh 09:20a-12:25p Barba, M LRC-202  
Comments: This is a PUENTE section. Please contact Professor Mike Barba @ barba.m@mccd.edu for information.

#### **ENGL-C1000 Academic Reading and Writing**

4.0 units: 72.0 hours lec,  
Effective Fall 2025, ENGL-C1000 replaces ENGL-01A. In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research. Students also receive instruction in reading processes, information literacy, and disciplinary documentation practices.

#### **Online**

22800 Online  
22801 Online

#### **Merced Campus**

29000 MTW 09:00a-11:00a  
29001 TWTh 01:00p-03:00p

#### **ENGL-C1001 Critical Thinking and Writing**

3.0 units: 54.0 hours lec,  
Effective Fall 2025, ENGL-C1001 replaces ENGL/PHIL-13. In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction texts, refining writing skills and research strategies developed in ENGL C1000 College Reading and Writing (C-ID ENGL 100) or similar first-year college writing course. Readings feature mostly non-fictional essays and books that reflect diverse cultural perspectives on a variety of contemporary issues, such as those involving race, ethnicity, and gender.

#### **Online**

22802 Online  
22803 Online

#### **Merced Campus**

29003 TTh 09:20a-12:25p Barba, M LRC-202  
Comments: This is a PUENTE section. Please contact Professor Mike Barba @ barba.m@mccd.edu for information.

#### **Ethnic Studies (ETHN)**

#### **ETHN-20 History of Asian Americans**

3.0 units: 54.0 hours lec,  
This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

#### **Online**

52805 Hoyt, A Online  
Comments: This 8-week class is held from 03/09/26 to 05/01/26.

#### **Fire Technology (FIRE)**

#### **FIRE-63A Basic Firefighter I, Academy A**

8.0 units: 126.0 hours lec,

Limitation on Enrollment: Physician's clearance for strenuous activity. This course provides manipulative and technical training in basic concepts of fire department organization, miscellaneous equipment and tools, fire behavior and extinguishment theory, fire fighter safety, self-contained breathing apparatus, and portable fire extinguishers. The course also provides training in ropes, knots, hitches, hoses, nozzles, appliances, ground ladders, forcible entry, and confined space rescue. Students must supply instructor-approved personal protective equipment (required instructional material). Students will fulfill 3 total lab hours per week by arrangement.

#### **Merced Campus**

49604 MTWThF 08:00a-09:40a Roe, D PSC-2  
MTWThF 10:00a-04:30p Roe, D PSC-2  
Comments: This 8-week class is held 01/12/26 to 03/06/26 on MTWTF from 8:00p-4:30p Requires 180 hours by arrangement to include a 60 minute lunch break; dates to be announced at the first class session. During this course, there are State Fire Training; FSTEP certifications- Material fees \$225; Uniform required; In addition to required textbooks and book bundle-\$35. Instructor signature required. Contact donald.roe@mccd.edu for course-specific questions. Additional hours required.

#### **FIRE-63B Basic Firefighter I, Academy B**

8.0 units: 126.0 hours lec,

Limitation on Enrollment: Physician's clearance for strenuous activity. This course provides manipulative and technical training in basic concepts of ventilation, fire control, salvage and overhaul operations, fire protection water systems, fire protection systems, fire prevention and investigation, communications, vehicle extrication, wildland fire fighting, urban interface, and hazardous materials. Students will fulfill 3 total lab hours per week by arrangement.

#### **Merced Campus**

49605 MTWThF 08:00a-09:40a Roe, D PSC-2  
MTWThF 10:00a-03:00p Roe, D PSC-2  
Comments: This 8-week class is held 03/09/26-5/1/26 on MTWThF from 8:00p-3:00p Requires 180 hours by arrangement to include a 60 minute lunch break; dates to be announced at the first class session. During this course, there are State Fire Training; FSTEP certifications- Material fees \$300. Instructor signature required. Contact donald.roe@mccd.edu for course-specific questions. Additional hours required.

#### **G.E.D. - Non-Credit (GED)**

#### **GED-101 Basic Skills Development and Ged Preparation**

0.0 units:

This 204-288 hours course is designed to build the basic academic skills of adult learners in the areas of reading comprehension, language and evidence-based writing, mathematical reasoning, life, physical, and earth sciences, and social science. Special emphasis is placed on analytical reading skills, problem solving, and test preparation. The content of this course is reflective all new modifications to the GED exam. Subject matter included are the areas covered by the GED exam such as science, social studies, literature, mathematics and writing.

#### **Los Banos Campus**

75071 MTWTh 08:00a-11:00a Deeming, K LB-B-112  
Comments: Students must be at least 18 years old to enroll in this class.

**Guidance (GUID)****GUID-54 Foundations and Strategies for Academic Recovery**

3.0 units: 54.0 hours lec,

This course is appropriate for students wishing to improve their academic standing. Each student will identify his/her educational goal and develop an appropriate plan for achieving that goal. Academic policies will be addressed and strategies to get off and stay off probation, such as, informed decision-making, problem solving, classroom behavior, and behavior modification will also be studied. This course is recommended for all students on academic and/or progress probation.

**Online**

82046	Cambridge, I	Online
82846	Molina, M	Online
82847	Frias, S	Online
82848	Hang, L	Online

**History (HIST)****HIST-04A World History Part 1**

3.0 units: 54.0 hours lec,

This course provides a broad historical survey of humanity's social, political, economic, and intellectual experiences for all major world civilizations from pre-history through at least 1500.

**Online**

52812	Wheeler, J	Online
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**HIST-17A United States History and United States Constitution**

3.0 units: 54.0 hours lec,

This is an extensive survey course of United States history from the period of exploration to the Reconstruction Period. The course covers the social, political, economic, and constitutional development of the nation. Course will emphasize the development of critical and historical thinking skills.

**Online**

52807	Purcell, C	Online
52817	Melo, F	Online
52818	Willison, W	Online
72857	Cook, J	Online

**HIST-17B United States History and California State and Local Government**

3.0 units: 54.0 hours lec,

This course is a continuation of HIST-17A from the end of the Reconstruction Period in 1877 to the present. It examines national, state, and local history from the late 19th century to the present. The course covers the social, political, economic, and constitutional development of the nation.

**Online**

52806	Driskill, D	Online
52819	Jackson, M	Online
72859	Mendez, J	Online

**HIST-20 History of Asian Americans**

3.0 units: 54.0 hours lec,

This course is an interdisciplinary study of Asian Americans from a historical, political, sociological, and aesthetic perspective. Social emphasis is placed on the contributions of Asian Americans scholars and activists by using an intersectional lens to explore the effects of colonialism, imperialism, white supremacy, and racism. This course offers pragmatic historical and political evaluations that aim to introduce students interested in Ethnic Studies, Asian American Studies, Gender Studies, and social movements.

**Online**

52804	Hoyt, A	Online
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**HIST-29 History of California**

3.0 units: 54.0 hours lec,

This course is a survey of the early history of California through to the present, starting with the original peoples of California, the discovery and settlement of the area by the Spanish, the Mexican period, American conquest and occupation, and the gold rush. The course also examines topics including the economic, social, cultural, and political consequences of railroad expansion, and early twentieth-century urbanization. It also includes the impact of the Great Depression and World War II, water projects, protest and reform movements of the 1960's, the rise of conservatism and recent political trends.

**Online**

52811	Hampton, C	Online
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**Health (HLTH)****HLTH-10 Personal Health and Wellness**

3.0 units: 54.0 hours lec,

This course will require students to explore, analyze, personalize, and discuss the following issues as they relate to the essential components of health and wellness: nutrition, physical activity/exercise/fitness, weight control, eating disorders and body image, media influences, mental health, stress, violence, substance use/abuse, sexuality and sexual orientation, sexually transmitted infections, reproductive choices/contraception, relationships, disease prevention, environment, health care, aging, and general public health issues. Students will be taught the knowledge and skills necessary to implement lifestyle behaviors that can improve their health and well-being.

**Online**

02802		Online
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**History - Non-Credit (HST)****HST-900 American Citizenship**

0.0 units:

This course is best suited for non-U.S. citizens. It will provide non-U.S. citizens with a study of the federal and state system of government and the U.S. Constitution, preparing them for the naturalization citizenship interview with United States Citizenship and Immigration Services (US-CIS). The course will include civil rights, voting, historical development of the U.S., types of government, the electoral process, political parties, the executive, legislative, and judicial branches of government, and the relationship between the state and federal systems of government. The student can practice reading, writing, speaking, listening, and pronunciation in English.

**Los Banos Campus**

75077	TTh	05:00p-07:00p	McNally, T	LB-A-119
Comments: Students must be at least 18 years old to enroll in this class.				

**Industrial Technology (INDT)****INDT-25 Fluid Power**

3.0 units: 36.0 hours lec,

This course covers the operational theory and practical applications of hydraulics, pneumatics and vacuum components and systems. This includes adjustment, service, and functional operation of pumps, controls, transmission systems, actuators and fluidics. The design and application of fluidic systems as they relate to industrial machinery will be covered together with systematic methods of trouble shooting.

**Merced Campus**

36225	-	Hutchings, J	
W	05:10p-10:25p	Hutchings, J	AGIT-142
Comments: This 8-week class is held 1/12/26 to 3/6/26.			

**INDT-35 Electrical Wiring: Industrial**

3.0 units: 36.0 hours lec,

This course covers basic wiring for industrial applications. Topics include electrical theory, wiring in accordance with the latest version of the National Electrical Code, blueprint reading, layout of electrical circuits according to blueprints, switches, electrical connections, grounding and electrical safety, materials, appliance connections, industrial wiring and components, power poles and low voltage remote control devices. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

**Merced Campus**

39006	-	Hamilton, A	
	MTWTh	08:00a-11:20a	Hamilton, A AGIT-141
		Comments: This 4-week class is held 1/12/26 to 2/6/26. This is a Learning Community and linked to INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, ELCT-59-32234, and ELCT-55-39046. You must register for all sections.	
39288	-	Hamilton, A	
	MTWTh	08:00a-11:20a	Hamilton, A AGIT-141
		Comments: This 4-week class is held 1/12/26 to 2/6/26.	

**INDT-40 Commercial Refrigeration Systems**

3.0 units: 36.0 hours lec,

This course presents Commercial Refrigeration Systems to students. Systems studied will range from fractional to large tonnage refrigeration systems. Medium and low temperature systems, multiple defrost methods, and energy efficiency will be studied. Diagnostic and repair procedures on commercial systems and related equipment will be covered.

**Merced Campus**

36960	-	Nagano, J	
	T	05:10p-10:00p	Nagano, J AGIT-138B
		Comments: This 8-week class is held 3/9/26 to 5/1/26.	

**INDT-41 Industrial Power Transmission**

3.0 units: 36.0 hours lec,

This course covers industrial power transmission systems. The components studied are gear reduction systems, torque multiplication systems, direct drive, belt drive, chain drive, bearings, seals, and related components.

**Merced Campus**

39001	-	Nagano, J	
	MTWTh	12:30p-03:50p	Nagano, J AGIT-139
		Comments: This 4-week class is held 2/9/26 to 3/6/26. This is a Learning Community and linked to INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, ELCT-59-32234, and ELCT-55-39046. You must register for all sections.	
39289	-	Nagano, J	
	MTWTh	12:30p-03:50p	Nagano, J AGIT-139
		Comments: This 4-week class is held 2/9/26 to 3/6/26.	

**INDT-53 Heat Pump Systems**

3.0 units: 36.0 hours lec,

This course studies the operation, installation, and service of heat pump systems.

**Merced Campus**

39061	-	Nagano, J	
	T	05:10p-10:00p	Nagano, J AGIT-138B
		Comments: This 8-week class is held 1/12/26 to 3/6/26. This is a Learning Community and linked to INDT-50-39247, and INDT-53-39061. You must register for all sections.	
39062	-	Nagano, J	
	T	05:10p-10:00p	Nagano, J AGIT-138B
		Comments: This 8-week class is held 1/12/26 to 3/6/26.	

**INDT-56 Industrial Facilities Maintenance**

3.0 units: 36.0 hours lec,

This course is designed to provide industrial maintenance and electrical technician students with the skills they need to be successful. Students will gain skills in:print reading, safety, troubleshooting, mechanical system components, boiler systems,industrial refrigeration systems and industrial

facility electrical systems,

**Merced Campus**

39005	-	Nagano, J	AGIT-141
	MTWTh	12:30p-03:50p	Nagano, J AGIT-141
		Comments: This 4-week class is held 1/12/26 to 2/6/26. This is a Learning Community and linked to INDT-35-39006, INDT-41-39001, INDT-56-39005, ELCT-56-39007, ELCT-59-32234, and ELCT-55-39046. You must register for all sections.	
39287	-	Nagano, J	AGIT-141
	MTWTh	12:30p-03:50p	Nagano, J AGIT-141
		Comments: This 4-week class is held 1/12/26 to 2/6/26.	

**INDT-60 Electrical Codes and Ordinances**

3.0 units: 54.0 hours lec,

This is a course in the interpretation and application of the National Electrical Code (NEC), and other national, state and local electrical codes and ordinances which regulate the installation, alteration and maintenance of electrical circuits, systems and equipment. Students may petition, through the Office of Admissions and Records, to retake the course as the National Electrical Codes change.

**Online**

32809		Hamilton, A	Online
		Comments: This 8-week class is held 3/9/26 to 5/1/26.	

**Kinesiology (KINE)****KINE-01 Introduction to Kinesiology**

3.0 units: 54.0 hours lec,

This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed. Career opportunities in the areas of teaching, coaching, allied health, and fitness professions.

**Online**

02800			Online

**KINE-14 Beginning Volleyball**

1.0 units:

Advisory: Good general health; absence of medical conditions that would prevent planned physical activity. This course begins with the basic skills and court positions necessary to enjoy the sport. Each class session begins with warm-up exercises and "dry-land" drills. Skill period ends with class participation in a volleyball match.

**Merced Campus**

02703	M	05:30p-06:50p	GYM-1
		Comments: This 8-week class meets from 3/9/26 to 5/1/26.	

**KINE-24A Beginning Swimming**

1.0 units:

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. This course is a general introduction to swimming and aquatics. It is designed for the beginner or non-swimmer who wants to learn aquatic fundamentals and receive stroke instruction in the front crawl, elementary backstroke, and sidestroke.

**Merced Campus**

02704	MW	10:00a-10:50a	ATHL-POOL
		Comments: This 8-week class meets from 3/16/26 to 5/23/26.	

**KINE-35 Flexibility and Cardiovascular Fitness**

2.0 units:

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. Practical applications of all aspects of flexibility and cardiovascular conditioning are presented and performed. A system of class presentation is used to insure a gradual, safe, and total physiological adaptation of the student to exercise. A gradual, progressive, safe, and eventually total body fitness experience is pursued. Geriatric fitness adaptations are emphasized.

**Online**

02801			Online

72861 Talley, E Online

**Mathematics (MATH)****MATH-02 Precalculus**

4.0 units: 72.0 hours lec,

This course is designed to prepare students for calculus. Topics of study include polynomials, complex numbers, algebra of functions, inverse functions, exponential, logarithmic, trigonometric functions and their graphs, systems of equations and inequalities, topics in analytic geometry, and polar coordinates.

**Merced Campus**

12950 MW 11:00a-12:25p Mitchell, P SCI-111  
 Comments: This 12-week class is held from 02/09/26 to 05/01/26 and meets both in-person and Online. Scientific calculator required; see syllabus for specifics.

**Medical - Non-Credit (MED)****MED-717 Medical Assisting**

0.0 units:

This entry level course designed for the adult students who desire vocational training in the field of medical assisting. Course instruction includes an overview of the career of medical assisting, knowledge of medical law and ethics, oral and written communication skills, medical terminology, anatomy and physiology, and administrative and clinical office procedures. This course is 768 to 960 hours in duration and is open entry format.

**Los Banos Campus**

75903 TTh 04:30p-08:30p Jimenez, K LB-B-138  
 M 02:45p-06:45p Mehat, S INT-INT  
 W 04:30p-08:30p Mehat, S INT-INT  
 Comments: Students must be at least 18 years old to enroll in this class. All prospective students are required to attend a mandatory orientation to participate in this tuition-free program. Please refer to this link to our website <https://www.mccd.edu/schools-programs/adult-education-non-credit/medical-assistant/> for orientation details (dates, times, modalities).

**Management (MGMT)****MGMT-50A Challenges of Leadership: Difficult People/ Tough Conversations**

0.5 units: 9.0 hours lec,

This course is designed to equip the participant with skills needed to deal with the various challenges of leading people. Special emphasis will be placed on practical and proven tools to deal with difficult people and have tough conversations. The topic of accountability will be explored in regard to individual performance and organizational success. Participants will learn about progressive discipline and how to resolve performance problems. Pass/No Pass only.

**Online**

92864 Staff, M Online  
 Comments: This 2-week course is held 03/02/26 to 03/13/26.

**Merced Off-Campus**

99724 Th 08:00a-12:15p Staff, M BRC-121  
 Comments: This course is held 03/05/26 and 03/12/26.

**MGMT-50K Generational Diversity: Managing Cross Generational Teams**

0.5 units: 9.0 hours lec,

America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

**Online**

92851 Staff, M Online

Comments: This 2-week course is held 02/02/26 to 02/12/26.

**Merced Off-Campus**

99723 Th 08:00a-12:15p Staff, M BRC-121  
 Comments: This course is held 02/05/26 and 02/12/26.

**MGMT-50L Authentic Leadership: Know Yourself/ Lead Your People**

0.5 units: 9.0 hours lec,

This course is designed to help participants recognize the importance of authenticity in leadership. Participants will learn what followers look for in a leader. The importance of trust in a leader and on a team will be explored. The connection of authenticity and employee engagement will be defined. Pass/no pass only.

**Online**

92842 Staff, M Online  
 Comments: This 2-week course is held 04/20/26 to 05/01/26.

**Merced Off-Campus**

99729 Th 08:00a-12:15p Orona, C BRC-121  
 Comments: This course is held 04/23/26 and 04/30/26.

**MGMT-50P Emotional Intelligence**

0.5 units: 9.0 hours lec,

This course is an introduction to the principles of Emotional Intelligence (EQ). EQ is the ability to identify and understand your emotions and those of others and use this understanding to guide your behavior and manage relationships. Topics covered include the five competencies of EQ: self-awareness, self-regulation, motivation, and effective relationships. Pass/No Pass only.

**Online**

92846 Staff, M Online  
 Comments: This 2-week course is held 03/30/26 to 04/10/26.

**Merced Off-Campus**

99725 Th 08:00a-12:15p Carey, M BRC-121  
 Comments: This course is held 04/02/26 and 04/09/26.

**Marketing (MKTG)****MKTG-30 Principles of Marketing**

3.0 units: 54.0 hours lec,

This course provides a broad understanding of the promoting, pricing, and distribution of products and services. Promotional mixes are studied including sales promotion, advertising, packaging, personal selling, public relations, and publicity. A study is made of understanding customer needs and behaviors; developing a product and/or service mix to satisfy customer needs, and profitability. Legal, political, cultural, social, economic, competitive, and ethical aspects of marketing are discussed.

**Online**

92830 Benson, L Online  
 Comments: This 8-week course is held 01/12/26 to 03/06/26.

**MKTG-33 Advertising**

3.0 units: 54.0 hours lec,

This is an introductory course in advertising principles and techniques. Areas of study will include advertising agencies, preparation of advertisements, including copyrighting, illustration and layouts, media selection, budgeting for advertising, psychology and persuasion of advertisements, and the use of advertising as a tool in sales promotion.

**Online**

92880 Benson, L Online  
 Comments: This 8-week course is held 03/09/26 to 05/01/26.

**Music: General (MUSG)****MUSG-15 Music Appreciation**

3.0 units: 54.0 hours lec,

A survey of art & popular music in western civilization. Topics studied include but are not limited to elements of music, basic musical forms, music

periods, styles, and the role of music and musicians in the western world.

**Online**

52822 Wallace, E Online  
52825 Wallace, E Online

Comments: This 8-week class is held from 03/09/26 to 05/01/26.

## Nutrition (NUTR)

### NUTR-12 Culture and Cuisine of the World

3.0 units: 45.0 hours lec,

This course will explore both traditional and contemporary food customs and cultures of people around the world. Comparisons of food patterns related to social, religious, economic, and geographic significance will be studied. The availability, distribution and preparation of food throughout the world is considered as well as nutritional status of various cultures as it relates to agricultural, food safety and health factors. Opportunities to explore cultural food identity and experiences will be offered.

**Merced Campus**

32920 - Tassey, E  
W 11:00a-02:10p Tassey, E SU-SDR  
Comments: This 8-week class is held 1/12/26 to 3/6/26.

### NUTR-44 Food Safety and Sanitation

2.0 units: 36.0 hours lec,

This beginning course is designed to teach basic food safety principles of personal and institutional sanitation. This includes the proper storage, preparation, and service as well as HACCP, food allergies, regulations and pest management. An emphasis is placed on the Supervisor's role in maintaining high standards for these principles. This course meets the California Retail Food Code requirement section numbers 113947.1 through 113947.6. This course is required by the Dietary Service Supervisory and Certified Dietary Manager Programs. Students in those programs are required to take and pass the ServSafe Food Handler and ServSafe Manager Exam or equivalent. This course is highly recommended to those interested in working in Food Service industry as well as application to lifelong learning.

**Online**

32846 Tassey, E Online  
Comments: This 8-week class is held 1/12/26 to 3/6/26.

### NUTR-45 Introduction to Medical Nutrition Therapy

2.0 units: 36.0 hours lec,

This course is designed to acquaint students with therapeutic and modified diets used in health care facilities. Topics include nutrition for disease states as well as normal nutrition needs. Students will become familiar with principles of nutrition intervention and client care. Students will be able to evaluate menus to meet the nutritional needs of patients. Cultural considerations and the management of long term care residents will be emphasized. This course is required for the student planning a career in food service supervision and plans to become a Certified Dietary Manager. It is especially beneficial for those planning employment in health care institutions and is recommended for nursing students.

**Online**

32870 Bates, K Online  
Comments: This 8-week class is held 3/9/26 to 5/1/26.

### NUTR-50 Baking Basics and Business

1.5 units: 18.0 hours lec,

This is a course designed to introduce basic bakery production. With the growing interest and demand in the food industry it is imperative that students are introduced to basics of food safety practices, quantifying recipes and understand the business sense to provide a quality product. This lecture and laboratory class will plan baked items to prepare, consider costs involved making that product and in the foods laboratory will produce the product. Sensory evaluation techniques and quality control will be taught and practiced.

**Merced Campus**

32948 - Goodwin, M  
W 11:00a-02:10p Goodwin, M SU-SDR

Comments: This 8-week class is held 3/9/26 to 5/1/26.

## Political Science (POLS)

### POLS-C1000 American Government and Politics Political System

3.0 units: 54.0 hours lec,

Effective Fall 2025, POLS-C1000 replaces POSC-01. This course is an introduction to government and politics in the United States and California. Students examine the constitutions, structure, and operation of governing institutions, civil liberties and civil rights, political behaviors, political issues, and public policy using political science theory and methodology. Emphasis is placed upon various roles of the national and state government, constitutional rights and obligations of citizens, and the evolution and development of California state political institutions.

**Online**

52824 Online  
Comments: This is a 8 week course it is held from 3/9-5/1.

## Psychology (PSYC)

### PSYC-01B Introduction to Psychological Research Methods

3.0 units: 54.0 hours lec,

This course reviews psychological methods of research. Attention will be focused on foundations of experimental design, procedures and methodology for collecting research data, and techniques used to analyze, report, and present findings in APA format. Research design will also be examined through a review of past psychological research and various branches of modern Psychology.

**Online**

52808 Staff, M Online  
Comments: This 8-week course is held 03/09/26 to 05/01/26.

### PSYC-05 Introduction to Statistics in Psychology

3.0 units: 54.0 hours lec,

The theory of parametric and nonparametric statistical methods and their application to psychological data. Topics include: descriptive statistics, probability and sampling distributions; statistical inference and power, linear correlation and regression, chi-square; t-tests; and one-way analysis of variance (ANOVA). Application of both hand-computation and statistical software printouts to data in a psychology context, including the interpretation of the relevance of the statistical findings.

**Online**

52803 Gargano, G Online  
Comments: This 8-week course is held 03/09/26 to 05/01/26.

### PSYC-09 Human Development

3.0 units: 54.0 hours lec,

This course is an introduction to the scientific study of human development from conception through death. It examines the interplay of biological, psychological, social, and cultural forces on the developing human being.

**Online**

52827 Salazar, R Online  
Comments: This 8-week course is held 03/09/26 to 05/01/26.  
Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.

52842

Bluett-Murphy, V Online  
Comments: This 8-week course is held 01/12/26 to 03/06/26.  
Open Educational Resources/Zero Textbook Cost: All learning materials provided at no cost to students.

### PSYC-22 Human Sexuality

3.0 units: 54.0 hours lec,

This course explores the psychology of human sexuality. Human sexuality is examined from psychological, biological, sociocultural, and historical perspectives. Scientific research is presented concerning all aspects of human sexuality in contemporary society. Specific topics include sexual anatomy and physiology, gender, sexual orientations, contraception, sex-

ually transmitted infections, sexual dysfunction, and sex for sale.
<b>Online</b>
52830 Hernandez, R Online Comments: This 8-week course is held 03/09/26 to 05/01/26.
52831 Staff, M Online Comments: This 8-week course is held 03/09/26 to 05/01/26.

### PSYC-C1000 Introduction to Psychology

3.0 units: 54.0 hours lec,  
Effective Fall 2025, PSYC-C1000 replaces PYSC-01A. This course is an introduction to psychology, which is the study of the mind and behavior. Students focus on theories and concepts of biological, cognitive, developmental, environmental, social, and cultural influences; their applications; and their research foundations.

<b>Online</b>
52801 Clifford, J Online Comments: This 8-week course is held 03/09/26 to 05/01/26.
52823 Staff, M Online Comments: This 8-week course is held 03/09/26 to 05/01/26.
52826 Grimes, J Online Comments: This 8-week course is held 03/09/26 to 05/01/26.

### Real Estate (REAL)

#### REAL-42 Real Estate Principles

3.0 units: 54.0 hours lec,  
This course is an analysis of principles of real estate in California, history of California real estate, property, contracts, agency, listings, real estate financing, deeds, liens and encumbrances, escrows and title insurance, land descriptions, real estate mathematics, and real estate licensing and state regulations.

<b>Merced Campus</b>
92940 W 05:30p-08:50p Navarro, R B&E-218 Comments: This 5-week course is held 01/12/26 to 02/12/26.

#### REAL-43 Real Estate Practices

3.0 units: 54.0 hours lec,  
This course is an analysis of problems related to establishing and conducting a real estate business, which includes but is not limited to preparing and evaluating listings, prospecting, advertising, the selling process, closing the sale, financing real estate, exchanges and specializing brokerage, income properties, management and leasing, taxes, land utilization, and professional and public relations.

<b>Merced Campus</b>
92941 W 05:30p-08:50p Navarro, R B&E-218 Comments: This 5-week course is held 02/17/26 to 03/20/26.

#### REAL-44 Legal Aspects of Real Estate

3.0 units: 54.0 hours lec,  
This course focuses on California real estate laws. Topics include: principal legal aspects of ownership, acquisition and transfer of real property, legal descriptions, contracts, escrow procedures, forms for trusts and foreclosures, liens, legal instruments, property ownership and management, real estate security devices, property rights, landlord-tenant law, land-use controls, and title insurance. This course satisfies the education requirements for the California Real Estate Salesperson and Broker exam and license. Field trips may be required.

<b>Merced Campus</b>
92942 W 05:30p-08:50p Navarro, R B&E-218 Comments: This 5-week course is held 03/23/26 to 05/01/26.

### Registered Nurse (REGN)

#### REGN-01 Transition LVN to RN

2.0 units: 18.0 hours lec,  
Limitation on Enrollment: California VN licence. Registered Nursing 01 is a series of lectures and discussions that provides the concepts and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Incorporates best practices, professional standards, and legal and ethical responsibilities

of the professional nurse as applied in various health care settings. Emphasis will be placed upon the registered nurse as a decision-making member of the health care team and the responsibilities to be assumed by such a practitioner.

<b>Online</b>
42901 Carroll, J Online

### REGN-02 Clinical Skills Transition Lvn to Rn

1.0 units:  
Limitation on Enrollment: California VN license, CPR Certificate, and Acceptance into the REGN Program. Registered Nursing 02 consists of practice in the clinical setting with the skills and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Emphasis is placed on nursing skills related to first year RN nursing concepts in clinical practice.

<b>Merced Off-Campus</b>
49006 - Taylor, L

### Sociology (SOC)

#### SOC-01 Introduction to Sociology

3.0 units: 54.0 hours lec,  
This course provides an introduction into what it means to be socio-logically mindful and to think sociologically while understanding the difference from other ways of seeing the social world. The course begins with the understanding of the differences between personal troubles and public issues, and how sociologist apply various theoretical perspectives to a wide range of issues, such as: culture; socialization; social structure of society; deviance; issues of feminization; family; gender; race; inequality; economics; politics and population; and the relationship between the individual and society. The course accents international comparisons to show how similar institutions are structures and function differently in different societies around the world.

<b>Online</b>
52809 Mirfakhraie, R Online Comments: This 8-week class is held from 03/09/26 to 05/01/26.

#### SOC-02 Contemporary Social Problems

3.0 units: 54.0 hours lec,  
SOC-02 introduces fundamental theories and methodologies employed in the study of contemporary social problems. An emphasis is placed on analysis of causes and possible solutions to such problems as poverty, discrimination, crime, delinquency, alcoholism, drug abuse, suicide, family, and politics. A global perspective focuses on the international influences and contributions to various contemporary social problems.

<b>Online</b>
52833 Shaw, M Online Comments: This 8-week class is held from 03/09/26 to 05/01/26.

### Sociology - Non-Credit (SOCL)

#### SOCL-760 Career and Life Planning

0.0 units:  
This course is designed for students who function at limited levels of cognitive development. It is designed to help students acquire positive workplace attitudes, skills, and habits. This course is 364- 455 hours in duration and may require a work experience component.

<b>Los Banos Campus</b>
75091 MTWThF 08:30a-02:30p Huerta, I OFLL-KINGS Comments: Students must be at least 18 years old to enroll in this class.
75093 MTWThF 08:30a-02:30p Huerta, I OFLL-KINGS Comments: Students must be at least 18 years old to enroll in this class.



## Statistics (STAT)

### STAT-C1000 Introduction to Statistics

3.0 units: 54.0 hours lec,

Effective Fall 2025, STAT-C1000 replaces MATH-10. This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines.

#### Online

12826	Saad, B	Online
Comments: This 12-week class is held from 01/12/26 to 04/03/26.		
12827	Mitchell, P	Online
Comments: This 12-week class is held from 02/09/26 to 05/01/26. Scientific calculator required; see syllabus for specifics.		
12830	Diaz, L	Online
Comments: This 8-week class is held from 03/09/26 to 05/01/26.		

## Theatre Arts (THTR)

### THTR-20 Rehearsal and Performance in Production

3.0 units: 18.0 hours lec, 108.0 hours lab.

Limitation on Enrollment: Enrollment by audition or interview. Instructor signature required. This course covers the audition, rehearsal, and performance period of a theatre production. Students will participate in a show as a performer, choreographer, or assistant director. The course focuses on concepts, processes, and techniques in performance and directing. Emotional development of dramatic characters and justification of physical actions will be stressed. Read-throughs will help students develop proficiency with script analysis on technical and literary levels.

#### Merced Campus

59000	-	McCue-Bryx, L	THTR-1
Comments: This 13-week class is held from 01/12/2026-04/19/2026.			

### THTR-21 Technical Theatre in Production

3.0 units: 18.0 hours lec,

Limitation on Enrollment: Limitation on enrollment: Enrollment by interview. Instructor signature required. This course covers the interview, rehearsal, and performance period of a production. Students will participate in a show as a stage manager, assistant stage manager, or part of the running crew. They will focus on learning and applying skills in one of the following areas: stage management, scenery, properties, costumes, lighting, sound, or makeup. Understanding the basic concepts, processes, and techniques of technical theatre will deepen students' appreciation of theatre as a collaborative endeavor. Production team members practice leadership and problem-solving skills by role-playing common scenarios encountered during shows. Additionally, students develop textual analysis, research, and notation skills through completing beginning documentation and collection practices.

#### Merced Campus

59001	-	McCue-Bryx, L	THTR-1
Comments: This 13-week class is held from 01/12/2026-04/19/2026.			

## Truck Driver Training (TRK)

### TRK-769 Class A CDL Permit Training

0.0 units:

In TRK 769, students will learn the material necessary to successfully pass the DMV Commercial Learners Permit test, which will include the option for multiple Class A endorsements. In addition, students will gain knowledge and develop additional skills necessary to become a profes-

sional truck driver.

#### Merced Campus

95940	MTWTh	08:00a-05:00p	Blount, R	BRC-123
	F	08:00a-05:00p	Blount, R	OFML-MISC
Comments: Students must be at least 18 years old to enroll in this class. This 2-week class is held from 01/12/26 to 01/26/26 Due to the high demand for this tuition-free program we require all prospective students to attend a mandatory orientation and participate in a lottery system to select the final participants. Please refer to this link to our website <a href="https://www.mccd.edu/schools-programs/adult-education-non-credit/truck-driving/">https://www.mccd.edu/schools-programs/adult-education-non-credit/truck-driving/</a> for a list of future orientation details (dates, times, modalities).				

## TRK-770 Class A CDL Behind-the Wheel Training

0.0 units:

In TRK 770, students will learn safe operational and driving skills, for a Class A commercial driver's license (CDL), through behind the wheel operations. In addition, students will gain knowledge and develop skills necessary to become a professional truck driver.

#### Merced Campus

95941	MTWThF	08:00a-05:00p	Blount, R	OFML-MISC
Comments: Students must be at least 18 years old to enroll in this class. This 14-week class is held from 01/27/26 to 05/01/26 Due to the high demand for this tuition-free program we require all prospective students to attend a mandatory orientation and participate in a lottery system to select the final participants. Please refer to this link to our website <a href="https://www.mccd.edu/schools-programs/adult-education-non-credit/truck-driving/">https://www.mccd.edu/schools-programs/adult-education-non-credit/truck-driving/</a> for a list of future orientation details (dates, times, modalities).				

## Virtual Office (VIRT)

### VIRT-51 Social Media

3.0 units: 45.0 hours lec,

The student will learn how to use social media platforms effectively for a business setting.

#### Online

92855	Pirtle, T	Online
Comments: This 5-week course is held 01/12/26 to 02/12/26. This class is a Learning community and linked to AOM-43-92881, AOM-50B-92884, AOM-50C-92831, AOM-52C-92815, AOM-56-92843, AOM-58A-92857, and VIRT-51-92855 classes. You must register for all sections.		
92856	Pirtle, T	Online

Comments: This 5-week course is held 01/12/26 to 02/12/26.

## Vocational Nursing (VOCN)

### VOCN-46A Applied Mathematics for Pharmacology

1.0 units: 18.0 hours lec,

This is an introductory pharmacology course which includes an introduction to the professional context of drug administration, and study of the metric, apothecary, and household systems of measurement. Nursing responsibility to patient safety is included. Completion of this course requires accurate interpretation of doctors order, reading medication bottles, calculating drug dosages, and the reason for their application.

#### Online

42802	Carroll, J	Online
42804	Carroll, J	Online

#### Merced Campus

49003	M	10:00a-12:50p	Brown, S	AHC-130
49004	M	10:00a-12:05p	Tafoya, G	AHC-130
49005	W	01:00p-03:05p	Roe, L	AHC-128



**Los Banos Off-Campus**

79863	MTWTh	02:10p-03:15p	Opinski, C	OFLL-HBPG
	MTWTh	03:25p-06:45p	Opinski, C	OFLL-HBPG
Comments: This 4-week class is held from 01/26/26 to 02/19/26 and is a Learning Community course which requires registration in: WELD-55-79869, WELD-01-79801, WELD-54-79863, WELD-02-79807, WELD-58-79887, WELD-46-79839.				
	LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. Open Educational Resources/Zero Textbook Cost.			
79865	MTWTh	02:10p-03:15p	Opinski, C	OFLL-HBPG
	MTWTh	03:25p-06:45p	Opinski, C	OFLL-HBPG
This 4-week class is held from 01/26/26 to 02/19/26.				
	LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. Open Educational Resources/Zero Textbook Cost.			

**WELD-55 Equipment Operation and Safety Safety**

3.0 units: 36.0 hours lec,

This course is an introduction to the welding program. It gives students the opportunity to familiarize themselves with commonly used equipment found in industry. In addition to familiarizing themselves with industry standard equipment, they will be trained in lab procedures which will ensure students in advanced classes can use the equipment without reserve.

**Merced Campus**

39128	MTWTh	07:30a-09:45a	Scroggins, B	AG-10
	MTWTh	09:45a-05:00p	Scroggins, B	IT-6
Comments: This 2-week class is held 1/12/26 to 1/23/26.				
	This is a Learning Community and linked to WELD-55-39128, WELD-01-39409, WELD-02-39124, WELD-58-39162, WELD-54-39126, WELD-56-39131, and WELD-46-39146. You must register for all sections.			
39129	MTWTh	07:30a-09:45a	Scroggins, B	AG-10
	MTWTh	09:45a-05:00p	Scroggins, B	IT-6
Comments: This 2-week class is held 1/12/26 to 1/23/26.				

**Los Banos Off-Campus**

79869	-	Xiong, F		
	MTWTh	08:00a-03:25p	Xiong, F	OFLL-HBPG

**WELD-56 Welding Design and Fabrication Construction**

5.0 units: 54.0 hours lec,

This course covers the application of basic metal and fabrication as it relates to the structural steel industry.

**Merced Campus**

36166	-	Col, D		
	TTh	05:00p-10:25p	Col, D	IT-6
Comments: This 8-week class is held 3/9/26-5/1/26.				
39131	-	Col, D		
	MTWTh	08:00a-04:30p	Col, D	IT-6
Comments: This 3-week class is held 3/30/26 to 4/17/26.				
	This is a Learning Community and linked to WELD-55-39128, WELD-01-39409, WELD-02-39124, WELD-58-39162, WELD-54-39126, WELD-56-39131, and WELD-46-39146. You must register for all sections.			
39133	-	Col, D		
	MTWTh	08:00a-04:30p	Col, D	IT-6
Comments: This 3-week class is held 3/30/36 to 4/17/26.				

**Los Banos Off-Campus**

79875	MTWTh	08:00a-11:10a	Xiong, F	OFLL-HBPG
	MTWTh	11:40a-06:10p	Xiong, F	OFLL-HBPG
Comments: This 4-week class is held from 03/23/26 to 04/16/26 and is a Learning Community course which requires				

registration in: WELD-55-79869, WELD-01-79801, WELD-54-79863, WELD-02-79807, WELD-58-79887, WELD-46-79839.

LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. Open Educational Resources/Zero Textbook Cost.

79877	MTWTh	08:00a-11:10a	Xiong, F	OFLL-HBPG
	MTWTh	11:40a-06:10p	Xiong, F	OFLL-HBPG
This 4-week class is held from 03/23/26 to 04/16/26 and is a Learning Community course which requires				

79879	FS	08:00a-11:20a	Opinski, C	OFLL-HBPG
79881	FS	11:50a-06:55p	Opinski, C	OFLL-HBPG
Comments: This 10-week class is held from 02/07/26 to 04/10/26 and is a Learning Community course which requires				

**WELD-58 Fundamentals of Gas Tungsten Arc Welding**

2.0 units: 18.0 hours lec,

This course provides introductory skills in Gas Tungsten Arc Welding (GTAW) as it relates to welding aluminum, stainless, and carbon steels.

**Merced Campus**

36165	TTh	05:10p-06:10p	Col, D	AG-11
	TTh	06:10p-09:15p	Col, D	IT-6
Comments: This 8-week class is held 1/12/26 to 3/6/26.				
39132	MTWTh	08:00a-10:05a	Col, D	AG-10
	MTWTh	10:05a-04:30p	Col, D	IT-6
Comments: This 2-week class is held 2/23/26 to 3/6/26.				
39162	MTWTh	08:00a-10:05a	Col, D	AG-10
	MTWTh	10:05a-04:30p	Col, D	IT-6
Comments: This 2-week class is held 2/23/26 to 3/6/26. This is a Learning Community and linked to WELD-55-39128, WELD-01-39409, WELD-02-39124, WELD-58-39162, WELD-54-39126, WELD-56-39131, and WELD-46-39146. You must register for all sections.				

**Los Banos Off-Campus**

79887	MTWTh	01:55p-02:45p	Xiong, F	OFLL-HBPG
	MTWTh	02:55p-06:05p	Xiong, F	OFLL-HBPG
Comments: This 4-week class is held from 02/23/26 to 03/19/26 and is a Learning Community course which requires				

79889	MTWTh	01:55p-02:45p	Xiong, F	OFLL-HBPG
This 4-week class is held from 02/23/26 to 03/19/26 and is a Learning Community course which requires				

79891	FS	08:00a-10:20a	Opinski, C	OFLL-HBPG
	FS	10:50a-06:15p	Opinski, C	OFLL-HBPG
Comments: This 4-week class is held from 01/16/26 to 02/06/26 and is a Learning Community course which requires				

79893	FS	08:00a-10:20a	Opinski, C	OFLL-HBPG
Comments: This 4-week class is held from 01/16/26 to 02/06/26. LOCATION: Hacienda Business Park; 60 G Street, Suites A and B; Los Banos. Open Educational Resources/Zero Textbook Cost.				

**WELD-60 Fundamentals of Smaw and Gtaw In Pipe and Tube Welding**

3.0 units: 36.0 hours lec,

This course will provide introductory skills in Shielded Metal Arc Welding and Gas Tungsten Arc Welding as it relates to pipe and tube welding.

**Merced Campus**

39220	MTWTh	08:00a-10:10a	Russell, C	AG-11
	MTWTh	10:20a-01:40p	Russell, C	IT-6A
Comments: This 4-week class is held 1/12/26 to 2/6/26. This is a Learning Community and linked to WELD-60-39220, WELD-61-39222, WELD-62-39224, and WELD-63-39226. You must register for all sections.				
39221	MTWTh	08:00a-10:10a	Russell, C	AG-11
	MTWTh	10:20a-01:40p	Russell, C	IT-6A

Comments: This 4-week class is held 1/12/26 to 2/6/26.

**WELD-61 Gas Tungsten Arc Welding of Pipe Stainless Steel and Carbon Pipe and Tube Welding**

4.0 units: 36.0 hours lec,

This course will provide introductory skills in Gas Tungsten Arc Welding. As it relates to stainless steel and carbon pipe and tube; including standard fitting applications.

**Merced Campus**

39222	MTWTh	08:00a-10:10a	Russell, C	AG-11
	MTWTh	10:20a-05:10p	Russell, C	IT-6A
Comments: This 4-week class is held 2/9/26 to 3/6/26. This is a Learning Community and linked to WELD-60-39220, WELD-61-39222, WELD-62-39224, and WELD-63-39226. You must register for all sections.				
39223	MTWTh	08:00a-10:10a	Russell, C	AG-11
	MTWTh	10:20a-05:10p	Russell, C	IT-6A

Comments: This 4-week class is held 2/9/26 to 3/6/26.

**WELD-62 Welding Procedures in Shielded Metal Arc, Gas Metal Arc, and Flux Core Arc Welding of Carbon Pipe**

5.0 units: 45.0 hours lec,

This course will prepare students with introductory skills in Shielded Metal Arc Welding, Gas Metal Arc Welding, and Flux Cored Arc Welding of carbon pipe in all positions and progressions.

**Merced Campus**

39224	MTWTh	08:00a-10:00a	Russell, C	AG-11
	MTWTh	10:10a-04:30p	Russell, C	IT-6A
Comments: This 5-week class is held 3/9/26 to 4/10/26. This is a Learning Community and linked to WELD-60-39220, WELD-61-39222, WELD-62-39224, and WELD-63-39226. You must register for all sections.				
39225	MTWTh	08:00a-10:00a	Russell, C	AG-11
	MTWTh	10:10a-04:30p	Russell, C	IT-6A

Comments: This 5-week class is held 3/9/26 to 4/10/26.

**WELD-63 Fitting and Layout for the Pipe And Tube Industry**

3.0 units: 36.0 hours lec,

This course will provide students with the introductory skills in the fitting and layout of pipe and tube as well as fit up and tacking.

**Merced Campus**

39226	MTWTh	08:00a-10:50a	Russell, C	AG-11
	MTWTh	11:00a-03:15p	Russell, C	IT-6A
Comments: This 3-week class is held 4/13/26 to 4/30/26. This is a Learning Community and linked to WELD-60-39220, WELD-61-39222, WELD-62-39224, and WELD-63-39226. You must register for all sections.				
39227	MTWTh	08:00a-10:50a	Russell, C	AG-11
	MTWTh	11:00a-03:15p	Russell, C	IT-6A

Comments: This 3-week class is held 4/13/26 to 5/1/26.

**Workforce Training (WRK)**
**WRK-712 Essential Skills for Job Retention**

0.0 units:

This course is designed to prepare students for 21st Century Workforce. The course focuses on the importance of essential skills and expectations that employers are seeking within job applicants. Course content includes: preparing a resume and cover letter, understanding the application process, interviewing competencies, and maintaining successful employment.

**Merced Campus**

95999	MTW	12:00p-02:00p	Montague, K	AGIT-141
Comments: Students must be at least 18 years old to enroll in this class. This 3-week class is held from 04/06/26 to 04/24/26.				

# Spring 2026 Off Campus Classes

## Accounting (ACTG)

### ACTG-31 Computerized Accounting

2.0 units: 18.0 hours lec,

Prerequisite: \*Required\* Take ACTG-04A or ACTG-51. Minimum grade C,P;

\*Advised\* Previously taken AOM-30 and ENGL-C1000 (formerly ENGL-01A) is advised

Advisory: AOM-30 and ENGL-85A or ENGL-85AC. This course provides instruction in computer-assisted accounting. Topics include general ledger setup, accounts receivable setup, accounts payable setup, transactions and reports, financial statement analysis, depreciation, and payroll.

#### Online

92031 Magana, J Online

## Administrative Office Mgmt (AOM)

### AOM-30 Introduction to Computer Applications

3.0 units: 36.0 hours lec,

This course is intended for students seeking an introduction to application software used in the workplace with emphasis on business situations. Computer applications including word processing, spreadsheets, databases, and presentation managers will be covered.

#### Online

92307 Zdanowski, M Online  
92310 Zdanowski, M Online  
92801 Garcia Martinez, J Online

### AOM-43 Essentials of Business Communication

3.0 units: 45.0 hours lec,

Prerequisite: \*Advised\* Previously taken AOM-30 and AOM-50B is advised

This course covers the business writing patterns of routine, persuasive, and negative messages. Students learn the basic training in listening, speaking, and non-verbal communication in order to develop the skills needed in everyday business communication. Given a scenario, students create e-mail, memos, letters, proposals, reports, and an ePortfolio. Students also learn about doing business with other cultures and giving oral business presentations.

#### Online

92882 Staff, M Online

### AOM-50B Document Formatting

3.0 units: 36.0 hours lec,

Students will learn the (1) development of basic computerized keyboarding techniques and (2) fundamental knowledge of word processing software to properly format memorandums, letters, envelopes, tables, and reports.

#### Online

92511 Blackmore, C Online  
92884 Garcia Martinez, J Online  
92885 Blackmore, C Online

### AOM-50C Learn to Type

1.0 units: 9.0 hours lec,

This course provides an introduction to the keyboard for non-typists.

#### Online

92831 Garcia Martinez, J Online  
92832 Staff, M Online

### AOM-52C Keyboarding Speed & Accuracy

1.0 units: 9.0 hours lec,

Prerequisite: \*Advised\* Previously taken AOM-50C is advised

This course is designed to increase keyboarding speed and accuracy

through individualized evaluation. The course helps bridge the speed gap between each level of keyboarding instruction. It is designed for the student who wishes to gain keyboarding speed and accuracy.

#### Online

92815 Garcia Martinez, J Online  
92816 Staff, M Online

## AOM-56 Office Procedures

3.0 units: 45.0 hours lec,

Students will learn the skills, strategies, and techniques needed to perform the common office procedures within any form of business.

#### Online

92843 Pirtle, T Online  
92844 Pirtle, T Online

## AOM-58A Website Development

2.0 units: 18.0 hours lec,

This is an introductory course in the planning, design, and creation of a website.

#### Online

92857 Garcia Martinez, J Online  
92858 Garcia Martinez, J Online

## Ag Environmental Horticulture (AGEH)

### AGEH-24 Work Experience in Landscape Horticulture

1.0 units: .

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job in ag environmental horticulture. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in ag environmental horticulture before enrolling in the course.

#### Merced Off-Campus

33012 - Codd, A  
33013 - Codd, A

## Agriculture Animal Science (AGAS)

### AGAS-01 Elements of Animal Science

3.0 units: 54.0 hours lec.

This course is a survey of the livestock industry, supply of animal products, and their uses in animal production. There is a special emphasis on the origin, characteristics, adaptation, and contributions of farm animals to the agriculture industry. The student will analyze the economic trends and career opportunities in animal agriculture. Field trips will be required.

#### Online

31038 Casso, C Online

### AGAS-24 Work Experience in Animal Science

1.0 units: .

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job specific to the field of animal science. Students must work or volunteer 54 hours per unit of credit attempted. Students must have an established work site in the animal science or related field prior to enrolling in the course.

#### Merced Off-Campus

33021 - Maddux, M  
33022 - Maddux, M  
33023 - Maddux, M  
33024 - Maddux, M

## Agriculture Business (AGAB)

### AGAB-08 Agricultural Computer Applications

3.0 units: 36.0 hours lec,  
This course explores computer use in the workplace with emphasis on agribusiness situations. Computer applications including word-processing, spreadsheets, databases, and presentation managers will be covered. Also included will be accessing information through the Internet and World Wide Web, telecommunications, an introduction to web page design and other software appropriate to agribusiness.

**Online**  
32955 Casso, C Online

## Agriculture Plant Science (AGPS)

### AGPS-01 Elements of Plant Science

4.0 units: 54.0 hours lec,  
Introduction to plant science including structure, growth processes, propagation, physiology, growth media, biological competitors, and post-harvest factors of food, fiber, and ornamental plants. Laboratory required.

**Online**  
32068 Codd, A Online

### AGPS-05 Soil Science

3.0 units: 36.0 hours lec,  
This course provides a basic knowledge of the physical, chemical, and biological properties of soils and their characteristics. The course includes factors of fundamental soil properties, soil and plant relationships, principles of soil formation, fertilizers and soil management, salinity, pH, erosion management, and nonagricultural uses.

**Online**  
32560 Bell, S Online  
32599 Bell, S Online  
32815 Bell, S Online  
72009 Armenta, E Online

## Allied Health (ALLH)

### ALLH-24 Work Experience in Allied Health

1.0 units:  
This course enables students to earn college credit for learning and/or improving skills or knowledge on the job in allied health. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in allied health prior to enrolling in the course.

**Merced Off-Campus**  
43001 - Zhou, J  
43002 - Zhou, J  
43003 - Roe, L  
43004 - Roe, L

### ALLH-63 Nurse Assistant

6.0 units: 63.0 hours lec,  
Limitation on Enrollment: 1. Orientation Workshop 2. CPR Card-Module AC 3. Negative TB Screening test within past 6 months or negative chest x-ray within past year 4. Physical within past 6 months 5. DOJ fingerprint clearance 6. Penal Code Violations Clearance. The course provides clinical instruction and practice of basic nursing skills required of nursing assistants employed in skilled nursing facilities and extended care facilities. The course emphasizes care of the older adult client, assistance with the activities of daily living, bathing, dressing, exercise movement, eating, eliminating safety measures, cardiopulmonary resuscitation and rehabilitation techniques. Meets State Department of Health Services requirements for eligibility to take the Nursing Assistant Certification examination.

**Atwater**  
47201 W 02:00p-05:45p Mehat, S OFML-AHS  
S 06:30a-03:20p Mehat, S AHC-131  
S 06:30a-03:20p Mehat, S OFML-ATW  
47202 W 02:00p-05:45p Mehat, S OFML-AHS  
Su 06:30a-03:20p Sanchez Urzua, A AHC-131  
Su 06:30a-03:20p Sanchez Urzua, A OFML-AHS

## Art (ART)

### ART-15 Design: 2-D Foundations

3.0 units: 36.0 hours lec,  
This studio survey class is a required foundation course for the study of the Visual Arts. Lectures and studio projects explore and analyze concepts related to the elements and principles of current and historical design theories. Philosophical, social and cultural implications are examined. Subject matter is directly linked to topics in 2-D, fine art, graphic design, commercial art, and photography, with broader applications to professional fields of 3-D, applied arts, environmental design, architecture, interior design and fashion. Required for Art Majors.

**Online**  
52030 Isha, D Online

### ART-24A Fundamentals of Drawing

3.0 units: 36.0 hours lec,  
This studio survey course introduces the principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Students will focus on perceptually based drawing, observational skills, technical abilities, conceptual thinking and critical analysis. Historical and contemporary developments, critical trends, materials, and approaches in drawing will be examined for their philosophical and cultural implications. Required for Art majors.

**Online**  
52031 Disch, S Online

### ART-24B Intermediate Drawing

3.0 units: 36.0 hours lec,  
Prerequisite: \*Required\* Take ART-24A. Minimum grade C,P.  
\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.  
This course is an exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

**Online**  
52032 Disch, S Online

## Biology (BIOL)

### BIOL-01 General Biology for Non-Majors

4.0 units: 54.0 hours lec,  
Limitation on Enrollment: This course is not open to students having a C or better in BIOL-04A. This is an introductory-level course designed for non-majors. Areas stressed include the origin of life, structure and function of cells, basic processes of life, reproduction, ecology, microbiology, evolution, classification, genetics, and metabolic processes.

**Online**  
12304 Goodfellow, K Online  
12305 Goodfellow, K Online  
12306 Kain, D Online  
12307 Alkhouri, J Online  
12308 White, S Online  
12309 Modafferi, E Online  
12310 Macias, M Online  
12311 Macias, M Online  
72025 Bush, B Online  
72027 Doscher, E Online

## Chemistry (CHEM)

### CHEM-02A Introductory Chemistry

4.0 units: 54.0 hours lec,  
Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

This is an introduction to the general principles of inorganic chemistry, atomic and molecular structure, states of matter, solutions, and radioactivity. The class is designed for students majoring in liberal studies; nursing or agriculture.

**Online**

12318	Tenn, B	Online
12320	Fregene, P	Online
12321	Fregene, P	Online
12322	Fregene, P	Online
12325	Le, T	Online
12326	Le, T	Online
12328	Guillory, J	Online
12329	Guillory, J	Online

**CHEM-02B Introductory Chemistry: Introduction to Organic and Biochemistry**

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Previously taken CHEM-02A is required.  
\*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

This is a continuation of CHEM-02A with emphasis on organic and biochemistry. The structure, nomenclature, and properties of organic compounds such as alkanes, alkenes, arenes, alcohols, thiols, amines, aldehydes, ketones, carboxylic acids and their derivatives are covered. Structure, properties and reactions of biochemical compounds such as carbohydrates, proteins, and lipids are covered and followed through major and minor metabolic pathways. This course is intended for students in liberal studies, agriculture, and health-related fields. This course is not designed for chemistry or science majors.

**Online**

12330	Weathers, A	Online
12331	Weathers, A	Online

**CHEM-04A General Chemistry I**

5.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take CHEM-02 is required.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

\*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

This course is designed to teach general principles of chemistry emphasizing nomenclature, chemical equations, stoichiometry, concentration, gas laws, atomic structure, bonding, intermolecular forces, and crystalline solids. It is designed for the student majoring in chemistry, physics, biology, engineering, pre-med, or related fields. A student who has not successfully completed the prerequisite of CHEM-02A but has completed a high school chemistry course with a grade of "B" or higher may consider submitting a prerequisite challenge.

**Online**

12332	Weathers, A	Online
12333	Weathers, A	Online

**Child Development (CLDV)****CLDV-04L Observation and Assessment Practicum**

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Take CLDV-01; Minimum grade C,P;  
\*Required\* Take CLDV-03

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Limitation on Enrollment: As per California Law SB792, all volunteers, students, and employees of educational/service facilities must provide documentation verifying required immunizations and negative TB test. These requirements must be met prior to the start of class. Introduces the appropriate use of assessment and observation tools and strategies to document young children's development and learning. The use of findings to inform and plan learning environments and experiences are emphasized. Recording strategies, rating systems, portfolios, and multiple

assessment tools will be discussed, along with strategies for collaboration with families and professionals. (Approved for C-ID ECE 200)

**Online**

62840	Valdez, S	Online
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**CLDV-07L Practicum**

3.0 units: 18.0 hours lec,

Prerequisite: \*Required\* Take CLDV-01, CLDV-02, CLDV-03, CLDV-04L, CLDV-07 Minimum grade C,P.

Limitation on Enrollment: As per California Law SB792, all volunteers, students, and employees of educational/service facilities must provide documentation verifying required immunizations and negative TB test. These requirements must be met prior to the start of class. Demonstration of developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. Includes exploration of career pathways, professional development, and teacher responsibilities.

**Online**

72055	 Heft, A	Online
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**Computer Science (CPSC)****CPSC-01 Introduction to Computer Information Systems**

4.0 units: 54.0 hours lec,

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and MATH-C, MATH-61 or MATH-62 is advised.

An introduction to the basics of computing systems, impact of computers on our society, and the future of computing. Focus on using applications, algorithm design, programming basics, database management systems, networking, ethics and security, information systems, internet and web technologies, and computer systems hardware and software components. Application of these concepts and methods through hands-on projects developing computer-based solutions to problems.

**Online**

12100	Cantrell, B	Online
12804	Kapur, N	Online

**CPSC-05A Application Development and Programming**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

An introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience with a modern application programming language and development platform.

**Online**

12101	Stoykov, A	Online
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**CPSC-06 Programming Concepts and Methodology I**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

\*Advised\* Previously taken CPSC-01 and ENGL-C1000 (formerly ENGL-01A) is advised.

This course introduces the discipline of computer science using a high level language; provides an overview of computer organization and an introduction to software engineering. Topics include methodologies for program design, development, style, testing, and documentation; algorithms,

control structures, methods, and elementary data structures. These skills will be used to solve a variety of application problems.

**Online**

12102	Hogan, G	Online
12103	Stoykov, A	Online

**CPSC-39 Programming Concepts and Methodology II**

4.0 units: 54.0 hours lec,  
Prerequisite: \*Required\* Take CPSC-06 or ENGR-14 or CPSC-14. Minimum grade C,P;

This course is a continuation course in Computer Science which introduces further aspects of software design and implementation. Abstract data types, fundamental data structures and associated algorithms: lists, stacks, queues and trees. Students will be expected to design, implement, test and analyze a number of programs.

**Online**

12106	Kanemoto, K	Online
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**Computer Tech and Info Systems (CTIS)****CTIS-04 Programming With Python**

3.0 units: 36.0 hours lec,

An introduction to the fundamental concepts and models of application development including the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Hands-on experience. Python is a dynamic, object oriented language, is perfect for beginner and also meets industry needs.

**Online**

12805	Anbananthan, S	Online
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**CTIS-11 Linux System Administration**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken CPSC-01 is advised. This course will provide a student with the knowledge and skills required to build, maintain, troubleshoot and support server hardware and software technologies. The course also provides hands-on training of the Linux/Unix operating system. Topics include: installation, management, configuration, security, documentation, utilities, DOS, hacking and file protection on workstations in a LAN environment. This prepares CompTia Linux+ and Server+

**Online**

12800		Online
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**CTIS-17 Systems and Network Administration**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15 and CTIS-16 is advised. Demonstrate proficiency in network architecture, protocols, and services. Configure and secure network devices, including routers, switches, and firewalls. Implement virtualization technologies, including VMware, to optimize resource allocation. Administer server environments, encompassing Windows and Linux, within virtualized settings. Manage directory services, such as Active Directory and LDAP, for user and resource management. Utilize platform services, including cloud computing and containerization, to enhance scalability and efficiency. Develop comprehensive backup and disaster recovery plans for virtualized systems and platform services. Effectively troubleshoot common network, system, directory, and virtualization issues. Apply industry best practices in virtualization, virtual networking, directory services, and system administration.

**Online**

12806	Adame, A	Online
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**CTIS-18 Network Security and Automation**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15 and CTIS-16 is advised.

Cisco Certified Networking Associate (CCNA) curriculum describes the architecture, components, operations, and security to scale for large, complex networks, including wide area network (WAN) technologies. The

course emphasizes network security concepts and introduces network virtualization and automation. Students learn how to configure, troubleshoot, and secure enterprise network devices and understand how application programming interfaces (API) and configuration management tools enable network automation.

**Online**

12810	Shi, J	Online
12811	Shi, J	Online

**CTIS-20 Introduction to Information Systems Security**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15 is advised.

An introduction to the fundamental principles and topics of Information Technology Security and Risk Management at the organizational level. It addresses hardware, software, processes, communications, applications, and policies and procedures with respect to organizational Cybersecurity and Risk Management. Preparation for the CompTIA Security+ certification exams.

**Online**

12801	Shi, J	Online
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**CTIS-21 Introduction to Cyber Security: Ethical Hacking**

3.0 units: 36.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15 and CTIS-20 is advised.

This course that introduces students to the concepts, principles, and techniques, supplemented by hands-on exercises, for attacking and disabling a network within the context of properly securing a network. The course emphasizes network attack methods with the emphasis on student use of network attack techniques and tools and appropriate defenses and countermeasures. Students receive course content information through a variety of methods: lecture and demonstration of hacking tools will be used in addition to a virtual environment. Students experience a hands-on practical approach to penetration testing measures and ethical hacking.

**Online**

12807		Online
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**CTIS-23 Cyber Network Defense**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-15, CTIS-20, and CTIS-16 is advised.

This course equips students with the knowledge and skills required to secure networks effectively. With this course, a network professional can demonstrate the skills required to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security threats. The course will cover core security technologies, the installation, troubleshooting and monitoring of network devices to maintain integrity, confidentiality and availability of data and devices, and competency in the technologies that networking uses in its security structure.

**Online**

12812	Celly, B	Online
12813	Celly, B	Online

**CTIS-27 Cloud Security and AI: Foundational Conc**

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-09 and CTIS-20 is advised.

This course provides a broad overview of cloud security, allowing students to gain critical insights into issues such as techniques to implement security controls, threat protection, data security, key management, and identity and access management. In addition, students will explore AI-driven security solutions, such as threat detection, anomaly detection, and automated response systems. This course also covers networks in cloud and hybrid environments as part of an end-to-end infrastructure, with a focus on leveraging AI to enhance security monitoring, optimize network traffic, and identify vulnerabilities in real-time.

**Online**

12802	Ruiz, P	Online
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### CTIS-32 Threat Hunting, Incident Response and Crisis Management

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-20 and CTIS-22 is advised.

In this course students will explore an introduction to cyber incident response using industry-recognized tools. Topics covered include incident response case studies, incident response tools used in industry, advanced persistent threats, documentation and technical reporting, timeline analysis, case management, and hunting, gathering, and foraging for cyber threats. Hands-on assignments will be used to help students develop introductory technical skills relevant to entry-level cybersecurity professionals.

**Online**

12808

Online

### CTIS-35 Security Policies and Compliance

3.0 units: 27.0 hours lec,

Prerequisite: \*Advised\* Previously taken CTIS-20 is advised.

This course enable students to learn how to write security policies for an organization and to be able to adapt an existing security policy to organizational needs. The students will understand the various areas that need to be addressed in implementing these policies. This course is for information technology professionals who are responsible for either creating, implementing, or complying with security policies.

**Online**

12803

Online

### Diagnostic Medical Sonography (SONO)

#### SONO-45B Clinical Experience IV

9.0 units:

Prerequisite: \*Required\* Take SONO-45C

Limitation on Enrollment: Enrollment in the Diagnostic Medical Sonography program. This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, scanning techniques, instrumentation, work efficiency and image evaluation of basic vascular sonography is provided. Clinical experience in abdominal, obstetric and gynecological, and superficial structures imaging is also provided.

**Merced Off-Campus**

47207

- Zelinsky, C

### Education (EDUC)

#### EDUC-24 Work Experience in Education

1.0 units:

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job in education or a related field. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in education or a related field prior to enrolling in the course.

**Merced Off-Campus**

63201

- Pimentel, M

### Education - Non-Credit (EDU)

#### EDU-508 Mature Driver Improvement

0.0 units:

This course is designed primarily for drivers age 55 and older. Students receive classroom instruction on driving safety, road courtesy, improving driving performance, and safe driving techniques for emergencies. This course is 8 hours in duration.

**Mariposa**

95633 M

08:30a-04:30p Rentfrow, R

OFML-MARIP

**Atwater**

95632 W 08:30a-04:30p Rentfrow, R OFML-ATW

### Emergency Medical Care (EMER)

#### EMER-10 Paramedic I

12.5 units: 220.5 hours lec,

Prerequisite: \*Required\* Take EMER-11

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Limitation on Enrollment: EMT course, within the last collegiate calendar year, passed with a grade of B or better, and successfully pass entrance examination. OR, If NREMT certification held for greater than one (1) year- proof of field experience and successful completion of entrance examination. NREMT 1 Certification (current), and maintained throughout coursework. Minimum 18 years of age. Live scan background clearance. Health screen clearance. BLS Healthcare Provider card (current) and maintained throughout the course. Based upon State and Federal Regulations, CA Title 22. This course introduces the student to the roles and responsibilities of the Paramedic within the EMS system, apply basic concepts of development, pathophysiology, pharmacology, patient assessment, medication administration, airway and ventilation concepts, the pulmonary, cardiac, neurological, and endocrine systems to be able to formulate a "field impression" of patient status. Students will fulfill 13.5 total lab hours per week by arrangement.

**Online**

42306 TTh 10:00a-02:15p Melander, S Melander, S

PSC-3  
Online

### EMER-31 Paramedic Field Experience

9.0 units:

Prerequisite: \*Required\* Take EMER-10 and EMER-11 and EMER-20 and EMER-21; Minimum Grade C,P;

\*Required\* Take EMER-30

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Limitation on Enrollment: Health Screening Clearance. Current NREMT certification maintained throughout course. Current BLS Health Care Provider card maintained throughout course. Live Scan Clearance. Based upon State and Federal Regulations, CA Title 22. Description: This course is the final course in the paramedic series and occurs completely in the field under the direct supervision of a certified pre-arranged paramedic preceptor. It assists the student in developing and refining skills. A wide variety of client activities are taught, including: medical histories, physical examination, client management, triage, trauma care and supportive care of the sick or injured in a field setting. This course is part of a program of study to prepare paramedics as described in California Code of Regulations, Title 22, Division 9, Chapter 4 and lists the required hours and subjects to be covered as set forth by the Department of Transportation curriculum.

**Merced Off-Campus**

47261

- Parker, K

### Kinesiology (KINE)

#### KINE-35 Flexibility and Cardiovascular Fitness

2.0 units:

Limitation on Enrollment: Good general health; absence of medical conditions that would prevent planned physical activity. Practical applications of all aspects of flexibility and cardiovascular conditioning are presented and performed. A system of class presentation is used to insure a gradual, safe, and total physiological adaptation of the student to exercise. A gradual, progressive, safe, and eventually total body fitness experience is pursued. Geriatric fitness adaptations are emphasized.

**Online**

02101  
02102  
02103  
02104  
02105  
02801

Online  
Online  
Online  
Online  
Online  
Online

72155	McCall, S	Online
72157	Talley, E	Online
72861	Talley, E	Online

## Management (MGMT)

### MGMT-50A Challenges of Leadership: Difficult People/Tough Conversations

0.5 units: 9.0 hours lec.

This course is designed to equip the participant with skills needed to deal with the various challenges of leading people. Special emphasis will be placed on practical and proven tools to deal with difficult people and have tough conversations. The topic of accountability will be explored in regard to individual performance and organizational success. Participants will learn about progressive discipline and how to resolve performance problems. Pass/No Pass only.

#### Merced Off-Campus

99724 Th 08:00a-12:15p Staff, M BRC-121

### MGMT-50K Generational Diversity: Managing Cross Generational Teams

0.5 units: 9.0 hours lec.

America has multiple generations working side by side in the workplace. This course is designed to equip students with knowledge and skills to work with and lead cross-generational teams. Pass/No Pass only.

#### Merced Off-Campus

99723 Th 08:00a-12:15p Staff, M BRC-121

### MGMT-50L Authentic Leadership: Know Yourself/Lead Your People

0.5 units: 9.0 hours lec.

This course is designed to help participants recognize the importance of authenticity in leadership. Participants will learn what followers look for in a leader. The importance of trust in a leader and on a team will be explored. The connection of authenticity and employee engagement will be defined. Pass/no pass only.

#### Merced Off-Campus

99729 Th 08:00a-12:15p Orona, C BRC-121

### MGMT-50P Emotional Intelligence

0.5 units: 9.0 hours lec.

This course is an introduction to the principles of Emotional Intelligence (EQ). EQ is the ability to identify and understand your emotions and those of others and use this understanding to guide your behavior and manage relationships. Topics covered include the five competencies of EQ: self-awareness, self-regulation, motivation, and effective relationships. Pass/No Pass only.

#### Merced Off-Campus

99725 Th 08:00a-12:15p Carey, M BRC-121

## Physical Science (PHSC)

### PHSC-02L Survey of Chemistry and Physics Laboratory

1.0 units:

Prerequisite: \*Required\* Take PHSC-02.

\*Advised\* Previously taken ENGL-C1000 (Formerly ENGL-01A) is advised.

\*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra is advised.

This introductory laboratory is designed to provide a hands-on exploration in parallel with the topics covered in the introduction to Survey of Chemistry and Physics lecture course - Physical Science 2. Emphasis will be placed on (1) classical science experimentation, (2) laboratory activities in the real world, and (3) support of the laboratory activities through use of modern technologies. This course is intended for non-science majors.

#### Online

12336

Khurana, P

Online

## Physics (PHYS)

### PHYS-04A Physics I

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take MATH-04A OR MATH-04AS;

Minimum grade C,P;

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) and MATH-04B is advised.

This course is a calculus-based physics course intended for physics and engineering majors as well as some chemistry and math majors. PHYS-04A is the first semester of a three-semester sequence intended to give a technical introduction to physics with emphasis on concepts and principles of physics and problem-solving. PHYS-04A includes the areas of mechanics, wave motion, fluids, and thermal phenomena.

#### Online

12337

Pourtarvirdi, Z

Online

### PHYS-04B Physics II

4.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Take PHYS-04A, MATH-04B; Minimum grade C,P;

\*Required\* Take MATH-04B

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) advised.

PHYS-04B is a continuation of PHYS-04A with emphasis on the areas of electricity, magnetism, and light.

#### Online

12338

Pourtarvirdi, Z

Online

## Psychology (PSYC)

### PSYC-95S Statistics Support

1.0 units:

Prerequisite: \*Required\* Concurrent enrollment in PSYC-05

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

A review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis. Intended for students who are concurrently enrolled in Introduction to Statistics in Psychology.

#### Online

52037

Gargano, G

Online

52063

Gargano, G

Online

## Radiologic Technology (RADT)

### RADT-12B Clinical Education I

5.0 units:

Prerequisite: \*Required\* Take RADT-12A

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course provides clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection application, patient information management, work efficiency and image evaluation is provided.

#### Merced Off-Campus

47203 - Lang, K

### RADT-16B Advanced Clinical Education I

9.0 units:

Limitation on Enrollment: Enrollment in the Diagnostic Radiologic Technology Program. This course provides continued clinical experience for application of theoretical principles and concepts covered in previous and current didactic coursework. Clinical experience in patient care and handling, positioning skills, equipment utilization, radiation protection

application, patient information management, work efficiency and image evaluation is provided.

#### **Merced Off-Campus**

47204 - Abarca, R

#### **RADT-24 Work Experience in Radiology**

1.0 units:

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job in diagnostic radiologic technology. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must be enrolled in the Diagnostic Radiologic Program and have an established work site in diagnostic radiologic technology before enrolling in the course.

#### **Merced Off-Campus**

43005 - Lang, K

#### **RADT-50 Career Exploration in Medical Imaging**

1.0 units:

Prerequisite: \*Advised\* Previously taken ALLH-67 and BIOL-16 is advised.

Limitation on Enrollment: Negative TB screening test or chest x-ray (within last 6 months); some facilities may require criminal background and drug screening clearances; some facilities may require current immunizations. This course allows students to sample an experience in a medical imaging setting in order to enhance their understanding of the challenges and opportunities in considering a career in diagnostic medical imaging. The instructor of record will be responsible for arranging the student's clinical placement during the course's orientation meeting.

#### **Merced Off-Campus**

43007 - Lang, K

#### **Registered Nurse (REGN)**

#### **REGN-01 Transition LVN to RN**

2.0 units: 18.0 hours lec,

Prerequisite: \*Required\* Take BIOL-16, BIOL-18, BIOL-20 and ENGL-C1000 (formerly ENGL-01A). Math prerequisite - Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

Limitation on Enrollment: California VN licence. Registered Nursing 01 is a series of lectures and discussions that provides the concepts and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Incorporates best practices, professional standards, and legal and ethical responsibilities of the professional nurse as applied in various health care settings. Emphasis will be placed upon the registered nurse as a decision-making member of the health care team and the responsibilities to be assumed by such a practitioner.

#### **Online**

42901 Carroll, J Online

#### **REGN-02 Clinical Skills Transition Lvn to Rn**

1.0 units:

Prerequisite: \*Required\* Take Regn-01; Minimum Grade C,P;

Limitation on Enrollment: California VN license, CPR Certificate, and Acceptance into the REGN Program. Registered Nursing 02 consists of practice in the clinical setting with the skills and principles necessary to facilitate the transition of the Licensed Vocational Nurse to the changing role of the Registered Nurse. Emphasis is placed on nursing skills related to first year RN nursing concepts in clinical practice.

#### **Merced Off-Campus**

49006 - Taylor, L

#### **REGN-03 Work Experience in Registered Nursing**

1.0 units: 18.0 hours lec.

This course enables students to earn college credit for learning or improving skills or knowledge on-the-job in registered nursing. This course is designed for students in the Registered Nursing program who obtain

positions as externs. Fifty-four (54) hours, either paid or volunteer, are required per unit of credit attempted. Students must have an established work site in registered nursing prior to enrolling in the course.

#### **Merced Off-Campus**

43008	-	Roe, L
43009	-	Roe, L
43010	-	Roe, L

#### **Statistics (STAT)**

#### **STAT-C1000E Introduction to Statistics**

4.0 units: 54.0 hours lec,

Prerequisite: \*Advised\* Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

\*Advised\* Previously taken ENGL-C1000 (formerly ENGL-01A) is advised.

Effective Fall 2025, STAT-C1000E replaces MATH-10S. This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines. This course has embedded support. Also included is a review of the core prerequisite skills, competencies, and concepts needed in statistics. Topics include concepts from prealgebra, elementary and intermediate algebra and the development of critical thinking skills needed for statistical analysis.

#### **Online**

12228	Diaz, L	Online
12229	Albert, M	Online

#### **Tutorial (TUTR)**

#### **TUTR-35 Tutorial Seminar**

1.0 units:

This is a course designed to provide tutors in the Merced College Tutorial program with the opportunity to explore more fully their experiences in the program. Tutors will receive instruction in the areas of tutorial technique, group organizations, relationships with faculty and peers, evaluation techniques and content tutoring.

#### **Online**

22026	Flatt, S	Online
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#### **Virtual Office (VIRT)**

#### **VIRT-51 Social Media**

3.0 units: 45.0 hours lec,

The student will learn how to use social media platforms effectively for a business setting.

#### **Online**

92855	Pirtle, T	Online
92856	Pirtle, T	Online

#### **Vocational Nursing (VOCN)**

#### **VOCN-44 Principles and Practices of Nursing Care II**

14.0 units: 144.0 hours lec,

Prerequisite: \*Required\* Take VCN-42; Minimum grade C,P;

\*Required\* Take VCN-47C

Limitation on Enrollment: Enrollment in the Vocational Nursing Program; current CPR card; a negative TB skin test or negative chest x-ray. This course emphasizes theoretical principles of Maslow's basic human needs of safety, hygiene, rest, activity, comfort and self-actualization as it relates to common and complex health problems occurring in individuals of all age groups. Pathophysiology and psychosocial assessment and management of medical-surgical disorders are stressed. General pharmacological and nutritional considerations are included. Clinical experience is

integrated. This is part of the third semester of a three semester course.

**Online**

41019

Suleiman, S

Online

## Welding Technology (WELD)

### WELD-01 Fundamentals of Shielded Metal Arc Weld Shielded Metal Arc Welding

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Previously taken WELD-54 and WELD-55 or must be taken concurrently.

This course teaches the fundamentals of Shielded Metal Arc Welding as well as Carbon Arc Cutting as it relates to structural steel.

**Los Banos Off-Campus**

79801	MTWTh	08:00a-10:10a	Xiong, F	OFLL-HBPG
	MTWTh	10:25a-01:40p	Xiong, F	OFLL-HBPG
79803	MTWTh	08:00a-10:10a	Xiong, F	OFLL-HBPG
	MTWTh	10:25a-01:40p	Xiong, F	OFLL-HBPG

### WELD-02 Fundamentals of Gas Metal & Flux Cored

3.0 units: 36.0 hours lec,

Prerequisite: \*Required\* Previously taken WELD-54 and WELD-55 or must be taken concurrently.

This course provides introductory skills in Gas Metal and Flux Cored Arc Welding. Safety in all aspects of welding will also be covered.

**Los Banos Off-Campus**

79807	MTWTh	08:00a-10:05a	Xiong, F	OFLL-HBPG
	MTWTh	10:15a-01:25p	Xiong, F	OFLL-HBPG
79809	MTWTh	08:00a-10:05a	Xiong, F	OFLL-HBPG
	MTWTh	10:15a-01:25p	Xiong, F	OFLL-HBPG

### WELD-46 Advanced Arc Welding Procedure

1.0 units:

Prerequisite: \*Advised\* Previously taken WELD-01 (formerly WELD-06) and WELD-02 (formerly WELD-07) are advised, but not required.

This course is designed to emphasize the skills and techniques of Shielded Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding, Air Carbon Arc Cutting and Oxyacetylene flame cutting as related to pipe and structural members. Included will be welding assembly print interpretation, weld symbol interpretation, and weld joint preparation. Students will be prepared to take an AWS Welder Certification Test during this course.

**Los Banos Off-Campus**

79839	MTWTh	08:00a-11:30a	Xiong, F	OFLL-HBPG
	MTWTh	12:00p-03:00p	Xiong, F	OFLL-HBPG
79841	MTWTh	08:00a-11:30a	Xiong, F	OFLL-HBPG
	MTWTh	12:00p-03:00p	Xiong, F	OFLL-HBPG
79843	FS	08:00a-11:30a	Opinski, C	OFLL-HBPG
	FS	12:00p-05:20p	Opinski, C	OFLL-HBPG
79845	FS	08:00a-11:30a	Opinski, C	OFLL-HBPG
	FS	12:00p-05:20p	Opinski, C	OFLL-HBPG

### WELD-54 Print Reading and Sketching for Welder's

2.0 units: 18.0 hours lec,

This course is designed to prepare students to read and interpret industrial prints as well as give those students basic skills in sketching as it relates to the communication of reading prints.

**Los Banos Off-Campus**

79863	MTWTh	02:10p-03:15p	Opinski, C	OFLL-HBPG
	MTWTh	03:25p-06:45p	Opinski, C	OFLL-HBPG
79865	MTWTh	02:10p-03:15p	Opinski, C	OFLL-HBPG
	MTWTh	03:25p-06:45p	Opinski, C	OFLL-HBPG

### WELD-55 Equipment Operation and Safety Safety

3.0 units: 36.0 hours lec,

This course is an introduction to the welding program. It gives students the opportunity to familiarize themselves with commonly used equipment found in industry. In addition to familiarizing themselves with industry standard equipment, they will be trained in lab procedures which will

ensure students in advanced classes can use the equipment without reserve.

**Los Banos Off-Campus**

79869	-	Xiong, F	
	MTWTh	08:00a-03:25p	Xiong, F

### WELD-56 Welding Design and Fabrication Construction

5.0 units: 54.0 hours lec,

Prerequisite: \*Required\* Previously taken WELD-54 and WELD-55 or must be taken concurrently.

This course covers the application of basic metal and fabrication as it relates to the structural steel industry.

**Los Banos Off-Campus**

79875	MTWTh	08:00a-11:10a	Xiong, F	OFLL-HBPG
	MTWTh	11:40a-06:10p	Xiong, F	OFLL-HBPG
79877	MTWTh	08:00a-11:10a	Xiong, F	OFLL-HBPG
	MTWTh	11:40a-06:10p	Xiong, F	OFLL-HBPG
79879	FS	08:00a-11:20a	Opinski, C	OFLL-HBPG
79881	FS	11:50a-06:55p	Opinski, C	OFLL-HBPG

### WELD-58 Fundamentals of Gas Tungsten Arc Welding

2.0 units: 18.0 hours lec,

Prerequisite: \*Required\* Previously taken WELD-01 (formerly WELD-06) and WELD-02 (formerly WELD-07) or must be taken concurrently.

This course provides introductory skills in Gas Tungsten Arc Welding (GTAW) as it relates to welding aluminum, stainless, and carbon steels.

**Los Banos Off-Campus**

79887	MTWTh	01:55p-02:45p	Xiong, F	OFLL-HBPG
	MTWTh	02:55p-06:05p	Xiong, F	OFLL-HBPG
79889	MTWTh	01:55p-02:45p	Xiong, F	OFLL-HBPG
79891	FS	08:00a-10:20a	Opinski, C	OFLL-HBPG
	FS	10:50a-06:15p	Opinski, C	OFLL-HBPG
79893	FS	08:00a-10:20a	Opinski, C	OFLL-HBPG



SPRING  
**2026**  
**SCHEDULE**