

# Merced College

## Diagnostic Radiologic Technology Program

### Information/Application Handbook



New applications are accepted at any time upon completion of all prerequisites.  
Admission requirements and procedures are subject to change.

revised: September 2009

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# Diagnostic Radiologic Technology Program

## Mission Statement/Goals

### Mission Statement

The Mission of the Merced College Diagnostic Radiologic Technology Program is to prepare our students for careers as diagnostic radiographers by providing a continually-improving educational program which is accredited by the \*JRCERT and by instilling in our students a commitment to continued professional growth and lifelong learning.

### Goals

In support of this Mission, the Diagnostic Radiologic Technology Program:

1. will uphold the standards for satisfactory educational preparation for entry into the program
2. will provide a curriculum which
  - A. emphasizes the principles of radiation protection for patient, self, and others
  - B. supports and assesses the knowledge and skills required to intelligently perform the tasks typically required for entry level practice into the profession
3. will encourage students to develop
  - A. effective communication skills
  - B. critical thinking skills to enhance their problem solving skills
  - C. a commitment for life-long learning in preparation for a complex and changing society
4. will advocate and expect ethical and compassionate treatment of patients

### Program SLOs (Student Learning Outcomes)

Upon completion of the Diagnostic Radiologic Technology Program, students will be able to:

1. Demonstrate critical thinking skills
2. Demonstrate effective communication skills
3. Employ the principles of radiation protection measures
4. Demonstrate entry level clinical competency
5. Evaluate and adhere to the ethical and compassionate treatment of patients
6. Demonstrate an appreciation of life-long learning
7. Distinguish between correct and incorrect answers on practice national exam questions

\*Joint Review Committee on Education in  
Radiologic Technology  
20 N. Wacker Dr., Suite 2850  
Chicago, IL 60606-3182  
(312) 704-5300  
email: [mail@jrcert.com](mailto:mail@jrcert.com)

## Important: Read Carefully



1. Please keep in mind that the Diagnostic Radiologic Technology Program is a demanding full-time program because of the time commitment, some students may find it difficult to work while attending. Students are also expected to complete intense homework assignments. Transportation to clinical areas may involve extensive travel and is the responsibility of the students. Clinical assignments may include day, evening, and weekend hours.
2. Applications meeting the required criteria, may be submitted to the Allied Health Office (AHC-126) at any time upon completion of **all** program prerequisites and **documentation (transcripts)** to verify them. **Only completed packets will be accepted.**
3. Each **Fall**, a **minimum** of 20 students will be accepted into the program. The 20 students selected will be the first 20 names on the list (the Application List is available at [www.mccd.edu/alliedhealth/rwaitlist.htm](http://www.mccd.edu/alliedhealth/rwaitlist.htm)). Should one of these students decline to accept, the next student on the list will assume that position.
4. If you are accepted into the program and for whatever reason you must decline, your seat will go to the next student on the waiting list. Meanwhile, your name will remain at the top of the list for the following year's selection. This procedure, however, applies **ONE TIME ONLY**. Should you decline acceptance twice in a row, your name will then be placed at the bottom of the list.
5. Any student who is dropped from the R.T. Program due to academic weakness **will not** be allowed readmission into the R.T. Program.

## Disclaimer

**Be sure to read ALL of the information contained in this booklet.**

**DISCLAIMER:** Merced College reserves the right to revise Diagnostic Radiologic Technology Program Degree Prerequisites and/or Selection Procedures

**It is the Student's Responsibility To:**

- 1) Meet program prerequisites,
- 2) Follow proper application procedures,
- 3) Keep informed on revisions made regarding A.S. Degree requirements, Program Pre-requisites/Requirements and, selection process.
- 4) Keep us informed as to any changes in address and/or telephone number. After two repeated attempts to reach the student by phone and mail, the college reserves the right to select the next person on the selection list.

# About the Program

## 1. Length of Program

The Diagnostic Radiologic Technology Program is a full-time program to which students are admitted each Fall Semester. The program is 29 consecutive months in length, composed of five semesters and two twelve week summer sessions. **IMPORTANT:** Please keep in mind that the Diagnostic Radiologic Technology Program is a demanding full-time program and some students may find it difficult to work while attending. Students are also expected to complete intense homework assignments.

A flow chart is located in this handbook for your information. The flow chart outlines the specific courses, tentative times and days for each specific course.

## 2. Instruction

The first semester is comprised of lecture/theory and lab/practicum taught in the energized lab on campus (In the course of learning about radiographic position (classes/labs/demonstrations and/or practice) students might be palpated in areas that are routinely used as external positioning landmarks). Beginning with the second semester, students will be assigned to a clinical facility for clinical experience, in addition to classroom instruction and practicum facilities, Merced College utilizes clinical facilities from Madera (south) to as far (north) as Tracy and Manteca, including Merced, Turlock, Modesto, and Sonora. Students will be assigned to a minimum of three different facilities throughout the duration of their training. By application and acceptance into this Program the student has agreed to accept clinical assignments in whichever hospital/clinic he/she is assigned, regardless of geographical distance. Clinical assignments are made with primary concern being to provide each individual student the best well-rounded clinical experience possible. **IMPORTANT:** Transportation to clinical areas may involve extensive travel and is the responsibility of the student.

## 3. Number of Students Accepted

A minimum of 20 students are accepted each Fall semester. Student selections will be made according to the current waiting list.



## 4. A.S. Degree

Once the student is accepted into the program, it is his/her responsibility to assure completion of A.S. degree requirements prior to the end of the **second Fall** semester in the program. At the end of the second Fall semester, the student is awarded an Associate in Science Degree in Diagnostic Radiologic Technology.

## 5. Certificate of Completion

At the end of the seventh semester, students that have successfully completed all coursework, will receive a Certificate of Completion in Diagnostic Radiologic Technology and are then eligible to write the National Licensure Registry examination.

## 6. Cost of Program

An estimate of the cost of the program is provided (see next page). Tuition fees are subject to change. Non-residents of California pay tuition set by the College.

The first semester is the most costly semester for textbooks. Most of the textbooks purchased in the first semester will be utilized throughout the duration of the program.

## 7. **Financial Expenditures**

Legal residents of the State of California are required to pay nominal fees. In addition, students may expect other miscellaneous fees and expenses during the length of the program.

### A. **Fees**

–	Enrollment Fee (entire program)	1846.00
	Contact Admissions and Records for details. Fees subject to change as per the State Legislature	
–	ASMC (optional)	70.00
–	Health Fee (regular semester \$17 x 5; summer \$13 x 2)	111.00
–	Parking (optional; regular semester \$20 x 5; summer \$10 x 2)	120.00

### B. **Additional Expenses - (estimates only)**

–	Identification Markers	16.00
–	Liability/Malpractice Insurance (entire program)	30.00
–	College ID Badge	2.00
–	Program Pin (optional)	53.00
–	Radiation Monitoring (\$20 x 5 semesters)	100.00
–	Books (entire program)	1200.00
–	CPR Certification	55.00
–	Physical & Immunizations	180.00
–	Uniforms (entire program)	250.00
–	Background Clearance (criminal/financial/social security trace)	65.00
–	Drug Screening	35.00

### C. **Licensing**

–	ARRT Examination	200.00
–	State Registration (CDPH-RHB)	75.00
–	Fluoroscopy State Permit (CDPH-RHB)	75.00
–	Fluoroscopy examination (ARRT)	100.00
	Total	\$4,583.00

Fees are subject to change. Non-resident students are required by state law to pay non-resident tuition. Consult the Merced College catalog for current fees or Merced College Admissions and Records.

## 8. **Drop/Withdrawal Refunds**

Students withdrawing from courses within the first two weeks of class meetings may apply for a full refund of all fees except International Student Insurance, Audit, Credit by Exam, ID Card, or other fees not listed on the typical registration form for classes in the credit mode.

**9. Character Requirement**

Eligibility for the ARRT examination requires the candidate to be of good moral character. Conviction of a misdemeanor or felony may indicate a lack of good moral character for eligibility purposes and will require a thorough review. Students should begin the review process as early as possible, as the ethics review may be delayed until all court conditions have been completed, including probation and summary discharge. For more information, visit [www.rrt.org](http://www.rrt.org).

**10. Background Clearance**

A background clearance will be required upon acceptance into the program. This will include criminal offense, criminal history, sex offender check and social security trace.

**11. Drug Screening**

Is required by clinical facilities, therefore with acceptance into the Diagnostic Radiologic Technology Program you agree to a 10 panel drug screen test. Failure to pass either of these screenings may cancel admission to the program.

**12. General Information**

Location:

Diagnostic Radiologic Technology faculty offices are located in the Allied Health Center (AHC 126) at the Merced College main campus.

Office Hours: Monday - Thursday 7:30a - 4:00p; Fridays 7:00a - 3:30p

Office Phone Number:

Voice: (209) 384-6309

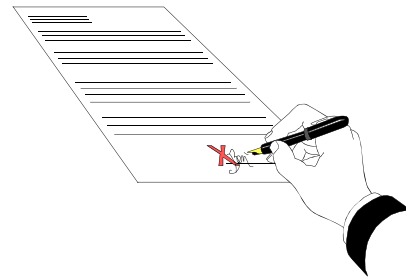
FAX: (209) 384-6167

Mailing Address:

Merced College  
Attn: RT Program, Box #7  
3600 M St.  
Merced, CA 95348-2806

E-mail:

Norma DeLaTorre-Davis, Program Secretary  
[delatorre.n@mccd.edu](mailto:delatorre.n@mccd.edu)



Merced College  
Diagnostic Radiologic Technology Program  
**Course Flow Chart**

FALL - 18 week semester	SPRING - 18 week semester	SUMMER - 11 - 12 week session
<b>RADT-41</b> (3/1) 4 units Introduction to Medical Imaging (lecture - 54 hrs. / lab - 54 hrs.)  <b>RADT-42*</b> (3/1) 4 units Radiologic Procedures I (lecture - 54 hrs. / lab - 54 hrs.) <u>8 units</u>	<b>RADT-40</b> (2/1) 3 units Radiologic Science I (lecture - 36 hrs. / lab - 54 hrs.)  <b>RADT-43A*</b> (3/1) 4 units Radiologic Procedures II (lecture - 54 hrs. / lab - 54 hrs.)  <b>RADT-43B</b> 5 units Clinical Education I (clinical experience - 270 hrs.) <u>12 units</u>	<b>RADT-44A*</b> (1.5/0.5) 2 units Radiologic Science II (lecture - 27 hrs. / lab - 27 hrs.)  <b>RADT-44B</b> 3.5 units Clinical Education II (clinical experience - 189 hrs.) <u>5.5 units</u>
<b>RADT-45A</b> (0.5/0.5) 1 unit Radiologic Procedures III (lecture - 9 hrs. / lab - 27 hrs.)  <b>RADT 45B</b> 5.5 units Clinical Education III (clinical experience - 297 hrs.)  <b>RADT-45C</b> (2/-) 2 units Advanced Radiologic Procedures I (lecture - 54 hrs.)  <b>RADT-45D</b> (1.5/-) 1.5 unit Radiologic Pathology (lecture - 27 hrs.) <u>10 units</u>	<b>RADT-67A</b> (2/-) 2 units Advanced Radiologic Procedures II (lecture - 36 hrs.)  <b>RADT-67B</b> 10 units Advanced Clinical Education I (clinical experience - 540 hrs.)  <b>RADT-67D</b> (2/-) 2 units Fluoroscopy (lecture - 40 hrs.) <u>14 units</u>	<b>RADT-68A</b> (2/-) 2 units Radiologic Science III (lecture - 36 hrs.)  <b>RADT-68B</b> 7 units Advanced Clinical Education II (clinical experience - 378 hrs.) <u>9 units</u>
<b>RADT-69A</b> (2/-) 2 units Integrative Study in Radiography (lecture - 36 hrs.)  <b>RADT-69B</b> 9 units Advanced Clinical Education III (clinical experience - 486 hrs.)  <b>RADT-69C</b> (1/-) 1 unit Sectional Anatomy (lecture - 18 hrs.)  <b>RADT-69D</b> (0.5/-) .5 unit Principles of Venipuncture (lecture - 9 hrs.) <u>12.5 units</u>	<p style="text-align: center;">468 Total Lecture hours - 26 units 270 Total Lab hours - 5 units 2,160 Total Clinic hours - 40 units</p> <p style="text-align: center;"><b>TOTAL UNITS - 71 units</b></p> <p>* labs are divided into two groups; two instructors are scheduled per lab; one for positioning lab and one directs a formal radiographic critique session</p>	<p><b>NOTE:</b></p> <p><b>RADT-49LABC &amp; COOP-41AMIA</b> are <b>NOT</b> required program courses</p> <p><b>RADT-50</b> is a program prerequisite</p>

Merced College - Diagnostic Radiologic Technology Program

**Class Schedule**

Semester/Session	Course	Monday	Tuesday	Wednesday	Thursday	Other
<b>FALL Freshman</b> 18 weeks	RADT-41 Lec	8:30 - 11:30				
	RADT-41 Lab	12:00 - 3:00				
	RADT-42 Lec		8:30 - 11:30			
	RADT-42 Lab (1 session only)		12:00 - 3:00	12:00 - 3 :00		
	Open Skills Lab (by arrangement)					
<b>SPRING Freshman</b> 17 clinical weeks	RADT-40 Lec	8:00 – 9:50				
	RADT-40 Lab	11:00 - 1:50				
	RADT-43A Lec		8:00 - 10:50			
	RADT-43A Lab (one session only)		11:00 - 1:50		8:00 - 10:50	
	RADT-43B Clinic	16 hrs/week	2 days/week	8 hrs/day		270 hrs. total
<b>SUMMER Sophomore</b> 11 - 12 clinical weeks	RADT-44A Lec		9:00 – 2:35			
	RADT-44A Lab					
	RADT-44B Clinic	17 hrs/week	2 days/week	8.5 hrs/day		189 hrs. total
<b>FALL Sophomore</b> 17 clinical weeks	RADT-45A Lec				10:30 – 2:10	1st - 9 weeks
	RADT-45A Lab					
	RADT-45C Lec				10:30 - 3:15	2nd - 9 weeks
	RADT-45D Lec				8:30 - 9:45	
	RADT-45B Clinic	17 hrs/week	2 days/week	8.5 hrs/day		297 hrs. total
<b>SPRING Intern</b> 18 clinical weeks	RADT-67A Lec			8:00 - 9:50		
	RADT-67D Lec			10:00 - 12:05		
	RADT-67B Clinic	28 hrs/week	4 days/week	7 hrs/day		540 hrs. total
<b>SUMMER Intern</b> 11 - 12 clinical weeks	RADT-68A Lec			9:00 - 12:05		
	RADT-68B Clinic	28 hrs/week	4 days/week	7 hrs/day		378 hrs. total
<b>FALL Intern</b> 18 clinical weeks	RADT-69A Lec			10:00 - 12:00		
	RADT-69C Lec			8:30 – 9:30		
	RADT-69D Lec					1 Saturday 8:00 – 5:20
	RADT-69B Clinic	28 hrs/week	4 days/week	7 hrs/day		486 hrs. total

**DISCLAIMER:** The Diagnostic Radiologic Technology Program reserves the right to revise class schedules at any time. This schedule is to be used as general reference only.

# Program Prerequisites/Application Requirements

All courses listed below must be completed prior to submitting an application.

<b>Merced College Courses</b>
ALLH 67 - Medical Terminology
BIOL 16 - General Human Anatomy
CHEM 2A - Introductory Chemistry
@ENGL 1A - College Composition & Reading
@MATH C - Intermediate Algebra
*RADT 50 - Career Exploration in Medical Imaging

All program prerequisites must be passed with a grade of "C" or better and the combined GPA must be **2.35** or higher

\*If all other pre-requisite course work has been completed, a student who has successfully completed the RADT-50 course may submit their application as soon as the instructor of record has determined his or her grade.

# Grade will be based on supervisor's evaluation. This option may not work for everyone. Please contact the Allied Health Office 384-6309 for further details.

Students who have successfully completed a pre-requisite course through CREDIT BY EXAMINATION must either submit the completed credit by exam petition (with assigned grade listed) or a transcript indicating a grade for the specified course.

@Effective Summer 2010-ENGL-1A and Math C will be program prerequisites. MATH A, ENGL A, and ENGL 41/41L will be dropped.

# Diagnostic Radiologic Technology Career Exploration

To receive credit for this requirement, the applicant may choose to complete **ONE** of the two options listed below:

- 1) An applicant may choose to enroll in a 1-unit RADT-50 - Career Exploration in Medical Imaging course. This course is offered **ONLY** at Merced College. You must register for this class at Admissions & Records. The student is required to attend an orientation meeting prior to the start of the semester: dates, times, and location are listed in the Merced College Schedule of Classes.

The student is required to purchase a RADT-50 Handbook and malpractice insurance at the bookstore. The handbook and receipt verifying purchase of malpractice insurance policy (2 copies of malpractice insurance receipt are required) must be brought to the orientation meeting for RADT-50. Students must also provide 2 copies (TB screening must be done within 6 months) of their TB screening test or negative chest x-ray results (only final results are acceptable, in process documentation is not acceptable) at this orientation.

The instructor of record will arrange for the student to complete 54 hours of volunteer time in the x-ray department of the assigned clinical facility (also, the student must complete 2 hours of consultation time with the instructor of record - which is the mandatory orientation meeting). If the applicant chooses this option and successfully meets all the course requirements he/she will receive credit for 1-unit on their transcript.

## **VERY IMPORTANT:**

**Students that do not bring 2 copies of their malpractice insurance (\$10) receipt and TB screening or negative chest x-ray results must attend another orientation meeting.**

- 2) Completing a minimum of 54 hours of actual experience (volunteer or paid experience) in a radiology department is required to receive this credit. Direct experience includes any activity that required direct care, handling or transporting of radiology patients. Experience in ancillary imaging modalities such as, Sonography, MRI, CT, Nuclear Medicine, Radiation Therapy, or Cardiac Cath also meets this criteria. Upon completion of the experience, written verification must be submitted on the **Verification of Diagnostic Radiologic Technology Career Exploration** form (**pgs. 21 & 22**).

**This option may not work for everyone. Please contact the Allied Health Office 384-6309 for further details.**

Experience in supportive functions such as clerical or housekeeping duties in a radiology department  
**DO NOT**  
meet the criteria.

# How to prepare for application

**STEP 1:** Read all of the information contained in this packet, **CAREFULLY**.

**STEP 2:** Send for a copy of all your transcripts, including:

- 1) College transcripts from ***other*** schools (not Merced College). To see a Counselor (unofficial copy may be used), **however, transcripts attached to your application MUST be official unless you have taken ALL of your course work at Merced College.**

It is the applicants' responsibility to obtain a copy of course descriptions or college catalogs, describing courses taken at other Colleges to assist in establishing equivalencies. Contact the Admissions & Records Office for information regarding foreign transcript evaluation services.

**STEP 3:** Make an appointment to see an **Allied Health Counselor** (209) 381-6478. If possible, bring with you:

- 1) This information/application packet
- 2) Transcripts
- 3) College catalog, course descriptions
- 4) If prior military service, DD214

**STEP 4:** When meeting with Counselor, review:

- 1) Basic Information - any questions you may have.
- 2) Transcripts (equivalency - fill out equivalency check-off sheet)
- 3) Military credits
- 4) Foreign transcripts - Formal Evaluation
- 5) Program Prerequisites
- 6) General Education Requirements
- 7) Competency requirements

# When Can I Apply?

When Program Prerequisites have been met, prepare and submit a COMPLETED application to the Allied Health Office (Allied Health Center-126) either by mail or in person. Application forms are contained in the back of this packet.

## YOUR APPLICATION MUST INCLUDE:

- 1) Check-off Sheet
- 2) Application
- 3) Program Prerequisite - Equivalency Check-Off Form (**must be initialed by Counselor if courses were completed at a college other than Merced College**)
- 4) Confirmation Form
- 5) Unofficial Transcript from Merced College
- 6) Official Transcript(s) from other colleges

### IF APPLICABLE:

- 7) Verification of Diagnostic Radiologic Technology Career Exploration Form (This form must be submitted if student has chosen to arrange his/her Career Exploration experience in lieu of taking the 1 unit RADT-50 course).

**\*Review of Application Packet (approximately 2 - 3 working days),**

If it is determined all Program Prerequisites / Application Requirements **have been met** you will receive a ***Waiting List/Status Report***.

If it is determined Program Prerequisites **have not been met**, or an incomplete application packet is submitted:

Your application packet will be returned to you with an explanation.  
Official application date will become null and void.

### **Send application to:**

Merced College  
Attn: Norma DeLaTorre-Davis #7  
3600 "M" Street  
Merced, CA 95348-2806  
Ph: (209) 384-6309  
Fx: (209) 384-6167

# Selection Process

**All** applicants will be placed on a waiting list. While waiting for admission, students are highly encouraged to enroll in the classes which are Associate of Science Degree requirements. Associate of Science degree General Education Requirements must be completed prior to the end of the **second Fall** semester in the program. See a current copy of the Merced College catalog for Associate Degree Breadth Requirements. Be sure to see a Counselor to assure these requirements are completed.

Should you at any time wish to be taken off the waiting list, please contact the Allied Health Office as soon as possible. If you have a change of address or telephone number, please contact the office immediately. If you are next in line to go into the program, and we are unable to reach you by mail or telephone, your seat will be awarded to the next person on the waiting list, and your name will be removed from the list. If you have any questions, please call 384-6309, or 384-6371.

If you are taking courses at another college, please be sure courses you may wish to transfer are equivalent to those courses required by Merced College. Regarding equivalency, please call and make an appointment to see an **Allied Health Counselor**, at (209) 381-6478 (make sure you get verification in writing!). Bring original transcripts, catalog and/or course descriptions. You may also order a current Merced College catalog at the Bookstore (209) 384-6280, to review Merced College course descriptions and General Education requirements.

## Selection Results

**A minimum of 20 applicants on the waiting list will be notified by mail around mid-April.** If any person admitted into the program declines, an alternate will be called according to their order on the waiting list until a full class has been designated.

## Technical Standards/Health Evaluation

Upon acceptance, students will be required to provide a Statement of Physical Condition and a Health Evaluation form signed by a medical provider (student's choice) stating their history and physical condition is adequate for participation in the program.

# Transcript Information

With the **exception** of Merced College transcripts, **only Official copies** of your transcripts are acceptable to the Allied Health Division.

A copy of your official transcript will be kept in the Allied Health Office with your application file. It is ***your*** responsibility to take another official copy of your transcript to Admissions and Records. An official updated transcript may be required **PRIOR TO APPLICATION FOR AN A.S. DEGREE IN DIAGNOSTIC RADIOLOGIC TECHNOLOGY.**

## **Foreign Transcripts**

Merced College does **NOT** translate, or evaluate foreign transcripts, with the exception of those from the Philippines.

All documents from candidates with degrees from countries other than the U.S. must be evaluated by a Foreign Transcript Evaluation Agency before your application can be considered for selection. The following agency does foreign transcription evaluations.

Educational Records Evaluation Services (ERES)  
777 Campus Commons Rd., Suite 200  
Sacramento, CA 95825-8309  
Tel: (916) 565-7475 Fax: (916) 565-7476  
edu@eres.com

**No** foreign transcripts will be accepted for credit without an official translation - **No** **Exceptions.**

# Competency Requirements

Students in the Diagnostic Radiologic Technology Program **must** graduate with an Associate in Science Degree. In order to graduate, you must achieve competency in the areas of reading, writing, mathematics, and computer and information literacy through the following:

- a) **READING COMPETENCY:** You must receive a grade of “C” or better in ENGL-01A or the equivalent.
  
- b) **WRITING COMPETENCY:** You must receive a grade of “C” or better in ENGL-01A, or the equivalent.
  
- c) **MATH COMPETENCY:** You must receive a grade of “C” or better in MATH-C (or MATH-D) or a grade of “C” or better in any course which has the prerequisite of Math C, or the equivalent.
  
- d) **COMPUTER AND INFORMATION LITERACY:** Students completing the Diagnostic Radiologic Technology Program, fulfill this requirement.

**NOTE:** Competency satisfied at other colleges cannot be considered due to the differences in competency requirements at each college.

Students with completed Associate Degree, Bachelor Degrees or higher, (with verification) may be awarded credit for Competency Requirements. However, remember, if competency was met with courses other than those specified above which meet program prerequisites (English 1A, Math C) these prerequisite courses must still be fulfilled.

# Additional Tips

## Placement Testing

Applicants should consult the Guidance Division for information and schedules concerning Placement Tests. Placement testing is required for all new students enrolling in credit coursework at Merced College. Students with Associate or Bachelor degrees or students having completed College level English and Math may be exempted from testing, as well as students with SAT/ACT scores at given levels. Contact the Guidance Division office for details. All students requesting testing exemptions must submit to the Guidance Division office, transcripts or ACT/SAT scores documenting their exemption status, and complete a "Matriculation Refusal Form" (*this may affect your registration priority status*).

In some cases, placement tests taken at other colleges may be used in place of the Merced College placement tests. Due to the difference in testing instruments used by community colleges, students are advised to meet with a counselor for purposes of this determination. **Placement tests cannot be used to meet program prerequisites.** They are used primarily by counselors to facilitate the placement of students into college coursework.

## Registration

Once selected for the program, the student is informed as to which Diagnostic Radiologic Technology courses he/she must register in. New students will be required to apply for College admission and complete appropriate registration procedures, and obtain a student I.D. card.

## Military Credit

To receive credit for military training/courses, you will need to make an appointment to see the Evaluator at Admissions and Records **(209) 384-6194**. At the time of your appointment, you will need to bring your DD214, certificates, other documentation reflecting education received. Students having served in the military may be eligible for two units of PE and 2 units of health credit (see following page) by submitting copies of their DD214.

**NOTE: YOU MUST HAVE A MINIMUM OF 12 UNITS COMPLETED AT MERCED COLLEGE BEFORE YOU MAY APPLY FOR MILITARY CREDIT.**

## Credit by Examination

Credit by Examination is also an acceptable method for satisfying program prerequisites. Please review current catalog requirements, or see a Counselor for further information. \*Students who have successfully completed a pre-requisite course through CREDIT BY EXAMINATION must either submit the completed credit by exam petition (with assigned grade listed) or a transcript indicating a grade for the specified course.

## Advanced Placement

If you have completed courses in an approved JRCERT Diagnostic Radiologic Technology Program at another school, Advanced Placement may be considered. Note: Advanced Placement Students must also meet Merced College's Associate Degree requirements, and program prerequisites, Advanced placement criteria is contingent upon space availability.

## More tips

- A Health course taken previously as a 2-unit course will not meet the Area E (Lifelong Understanding & Self-Development requirement). A student has THREE options available, to meet the 3-unit requirement:
  - 1) Retake the 3-unit Health course, or
  - 2) Request a "Credit Exam" at the Records & Admissions Office. The Credit Exam will award 1-unit credit upon completion, to provide you with a (total) 3-unit Health course, or
  - 3) Take a different course which meets the Area E requirement.
  
- When taking **Anatomy & Physiology**: preferably, they should be taken as two separate courses, 4-units each with a lab, as opposed to a combination Anatomy/Physiology course.



Name: \_\_\_\_\_

## Check-Off Sheet

(submit this form with your completed application)

**\*You may submit your application to the  
Allied Health Office, AHC-126  
Monday - Thursday 7:30a - 4:00p or Fridays 7:00a - 3:30p**

### Application Forms

- Application
- Program Prerequisites - Equivalency Check-Off Sheet
- Confirmation Form
- Career Explorations Forms (successful completion of RADT-50 satisfies this option)
- Unofficial Transcript from Merced College
- Official Transcript(s) from other colleges
- G.P.A Check-off Sheet (for your own use - do not submit)
- Merced College - Course Completion Record (for your own use - do not submit)

***Also available upon request:***

- Advanced Placement Procedure - (If you are wishing to transfer in from another approved JRCERT Diagnostic Radiologic Technology Program)
- List of College and Hospital based Diagnostic Radiologic Technology Programs offered in the State.

Merced College  
Allied Health Division #7  
3600 M St.  
Merced, CA 95348-2806

**Diagnostic Radiologic Technology Program Application**

**Social Security #** \_\_\_\_\_

**Datatel #** \_\_\_\_\_

<b>For Office Use ONLY</b> <b>COMPLETE</b> Application received on:
Date: _____
Time: _____
Initials: _____
GPA: _____

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Last	First	MI	(Former Names)
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Address	City	State	Zip
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Mailing address if different from above

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Telephone	Message	Date of birth
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College or University Attended	Address	From	To
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If applicable, Degrees completed (include name of school)

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**I hereby certify that I have attended only the schools listed, and that all statements in this applications are complete and true.**

Date \_\_\_\_\_

Signature \_\_\_\_\_

## Program Prerequisites - Equivalency Check-Off Sheet

**Students MUST submit this with their application.**

For students who have completed program requirements from a school other than Merced College, courses must be checked for equivalency by a Merced College Allied Health Counselor and initialed, prior to submitting application.

✓	Program Requirements	Course Name	Grade	Other College/ University	Merced College Counselor Initial
	ALLH 67 - Medical Terminology				
	BIOL 16 - General Human Anatomy				
	CHEM 2A - Introductory Chemistry				
	@ENGL 1A - College Composition & Reading				
	@MATH C - Intermediate Algebra				
	*RADT 50 - Career Exploration in Medical Imaging				

***or***

	#Verification of Diagnostic Radiologic Technology Career Exploration form (54 hours of direct patient care, handling or transporting of radiology patients)				
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All program prerequisites must be passed with a grade of "C" or better and the combined GPA must be **2.35** or higher

\*If all other pre-requisite course work has been completed, a student who has successfully completed the RADT-50 course may submit their application as soon as the instructor of record has determined his or her grade.

# Grade will be based on supervisor's evaluation. This option may not work for everyone. Please contact the Allied Health Office 384-6309 for further details.

Students who have successfully completed a pre-requisite course through CREDIT BY EXAMINATION must either submit the completed credit by exam petition (with assigned grade listed) or a transcript indicating a grade for the specified course.

@Effective Summer 2010-ENGL-1A and Math C will be program prerequisites. MATH A, ENGL A, and ENGL 41/41L will be dropped.

<b>Remember: Pertinent transcripts and documents must be attached, verifying prerequisites have been met.</b>
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# Confirmation

Name \_\_\_\_\_ (please print)

I have read all of the material contained in the Diagnostic Radiologic Technology Information booklet and understand the Application, Selection Process for the Fall.

I understand that A.S. Degree requirements are subject to change every school year.

I understand Merced College reserves the right to revise Program Prerequisites and/or Selection Procedures at **ANYTIME**.

I understand it is my responsibility to meet program prerequisites, insure equivalency, follow proper application procedures, provide transcripts, keep informed on revisions regarding Degree Requirements, Program Prerequisites, and Selection Process.

I understand that if I submit an application packet that is incomplete, or does not meet program prerequisites/application requirements, it will be returned to me with an explanation of why it was returned and the date of submission of my application becomes null and void.

I understand that after my application is accepted and verified, it is my responsibility to notify Merced College, Allied Health Office, of any changes in address and/or telephone number.

I understand that if I am admitted into the program, failure to notify the Allied Health Office with a "Confirmation of Acceptance" in the allotted time prescribed constitutes grounds to assign my position to an alternate. My name will also be removed from the waiting list.

I understand that if I am admitted into the program and I must decline acceptance, my slot will go to the next student on the waiting list. I also understand that my name will remain at the top of the list for the following year's selection and that this procedure will apply **ONE TIME ONLY**. Should I choose to decline acceptance twice in a row, my name will then be placed at the bottom of the list.

I understand that upon acceptance into the program I will be required to have a Background Clearance/Drug Screening (10 panel). Failure to pass either of these screenings will cancel admission to the program unless cleared prior to the first day of class. You will also need to provide a Statement of Physical Condition and a Health Evaluation form signed by a medical provider (of my choice) stating my history and physical condition is adequate for me to participate in this program.

I understand that if I fail due to academic weakness, I will not be allowed re-admission.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Authorized **Allied Health** Personnel

# Diagnostic Radiologic Technology Program

## Verification of Career Exploration

**\*\*Successful completion of RADT-50  
(Career Exploration in Medical Imaging) satisfies this  
option (see page 9).**

Name of Prospective Student: \_\_\_\_\_

Name of Clinical Facility: \_\_\_\_\_

Address of Clinical Facility: \_\_\_\_\_

Phone Number of Supervisor: \_\_\_\_\_

Month and Year of Service: **From:** \_\_\_\_\_ **To:** \_\_\_\_\_

Check the box that most closely represents the number of volunteer or paid experience hours the prospective student has accrued in\* direct experience in the radiology department.

- This student has completed **54** hours or more of **Direct Experience**.
- This student has **NOT** completed 54 hours or more of **Direct Experience**, therefore does **not** meet this requirement.

\*Direct experience includes any activity that requires direct care, handling or transporting of radiology patients. Experience in ancillary imaging modalities such as Sonography, MRI, Nuclear Medicine, Radiation Therapy, or Cardiac Cath also meets this criteria.

Experience in supportive functions such as clerical or housekeeping duties in radiology department does not meet this criteria.

Supervisor's Name: \_\_\_\_\_ **PLEASE PRINT**

Supervisor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

# Diagnostic Radiologic Technology Career Exploration Evaluation

1. Did the student make significant progress toward meeting the following objectives?

At the completion of the student's career exploration experience, the student will be able to:

A. Evaluate the clinical experience and decide whether or not to commit to an extended course of study in Diagnostic Radiologic Technology.

YES ( )

NO ( )

B. Identify and briefly describe the function of the different imaging modalities offered in the clinical facility.

YES ( )

NO ( )

C. Accurately engage in all procedures involved in the processing of radiographic images?

YES ( )

NO ( )

2. Did the student follow dress and personal grooming standards that will reflect positively on our profession?

YES ( )

NO ( )

## FOR QUESTIONS 3 THROUGH 6 USE THIS RATING SCALE:

**0**

**1**

**2**

**3**

**4**

Unacceptable

Unsatisfactory

Requires Improvement

Satisfactory

Exceptional

3. Did the student relate well with others in the department?

\_\_\_\_\_

4. Did the student have an enthusiastic attitude concerning work?

\_\_\_\_\_

5. Was the student dependable?

\_\_\_\_\_

6. How would you rate the student's overall potential?

\_\_\_\_\_

## COMMENTS:

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## Merced College - Diagnostic Radiologic Technology Program

Web Site Address: [www.mccd.edu/alliedhealth](http://www.mccd.edu/alliedhealth)

### G.P.A Check-Off Sheet

**Must be satisfied prior to application to the program\***. Indicate with (x) if minimum prerequisites have been met. *This worksheet is for your personal use.*

1.  Completion of the following courses

A = 4 points

C = 2 points

B = 3 points

D = 1 point

Merced College Course	* Equivalent Course or higher(list) completed at another college	Course Grade	Course Units	Grade Points
ALLH 67 - Medical Terminology <span style="float: right;">3 units</span>				
BIOL 16 - Anatomy w/ lab <span style="float: right;">4 units</span>				
CHEM 2A - Introductory Chemistry <span style="float: right;">4 units</span>				
*ENGL 1A - College Composition & Reading <span style="float: right;">4 units</span>				
*MATH C - Intermediate Algebra <span style="float: right;">5 units</span>				
**RADT 50 - Career Exploration in Medical Imaging (formerly COOP 41 ART - Cooperative Ed. in R.T.) <span style="float: right;">1 unit</span>				
<b>TOTALS</b>				
<b>YOUR G.P.A HERE</b>				

2.  Minimum of 2.35 G.P.A.

**G.P.A. = Grade Points divided by Course Units**

Program prerequisites (all courses listed above) are used to calculate G.P.A. This allows G.P.A. to be determined equally, by using the same criteria and formula for all applicants.

If prerequisites were completed at a school other than Merced, Modesto or Columbia Colleges, please check with a Merced College Counselor regarding equivalency.

\*\* RADT 50 - in lieu of this course, a student may fulfill this requirement by completing a minimum of **54** hours of actual experience (volunteer or paid experience) in a radiology department and submitting a **Verification of Patient Care Experience** forms (pgs. 21 & 22). This option may not work for everyone. Please contact the Allied Health Office 384-6309 for further details.

\* Effective Summer 2010-ENGL 1A and Math C will be the program prerequisites and MATH A, ENGL A, and ENGL 41/41L will be dropped.

MERCED COLLEGE  
Diagnostic Radiologic Technology Program - Course Completion Record

**Associate Degree/Program Prerequisite/Diagnostic Radiologic Technology Program Course Completion**

**THIS FORM IS TO HELP YOU KEEP TRACK OF YOUR PROGRESS.**

*If course has been completed, fill in appropriate lines. If there is a question about equivalency, please check with a Merced College Allied Health Counselor.*

<i>Program Prerequisites / Degree Requirements</i>	Sem./Yr.	College	Equivalent Course
<b>AREA A - Language &amp; Rationality</b> 6			
A1 - ENGL 1A (program prerequisite)			
A2 - MATH C (program prerequisite)			
<b>AREA B - Natural Sciences</b> 6			
B1 - CHEM 2A (program prerequisite)			
B2 - BIOL 16 (program prerequisite)			
<b>AREA C - Humanities</b> 3			
C1 -			
<b>AREA D - Social &amp; Behavioral Sciences</b> 6			
D1 -			
D2 -			
<b>AREA E - Lifelong Understanding &amp; Self-Development</b> 5			
E1 - [3]			
E2 - (1 unit) [1]			
E2 - (1 unit) [1]			
<b>Program Prerequisites (also meets competency skills)</b>			
Writing - ENGL 1A - College Composition & Reading *	4		
Math - MATH C - Intermediate Algebra or higher *	5		
<b>Additional Program Prerequisites</b>			
ALLH 67 - Medical Terminology	3		
RADT 50 - Career Exploration in Medical Imaging or Career Exploration in R.T.	1		
Computer & Information Literacy (met as part of program)	X		

\* See page 23 information

MERCED COLLEGE  
Diagnostic Radiologic Technology Program - Course Completion Record

<b>Diagnostic Radiologic Technology Program MAJOR REQUIREMENTS</b>	Sem./Yr.	College	Equivalent Course
RADT-41 Introduction to Medical Imaging	4		
RADT-42 Radiologic Procedures I	4		
RADT-40 Radiologic Science I	3		
RADT-43A Radiologic Procedures II	4		
RADT-43B Clinical Education I	5		
RADT-44A Radiologic Science II	2		
RADT-44B Clinical Education II	3.5		
RADT-45A Radiologic Procedures III	1		
RADT-45B Clinical Education III	5.5		
RADT-45C Advanced Radiologic Procedures I	2		
RADT-45D Radiologic Pathology	1.5		
RADT-67A Advanced Radiologic Procedures II	2		
RADT-67B Advanced Clinical Education I	10		
RADT-67D Fluoroscopy	2		
RADT-68A Radiologic Science III	2		
RADT-68B Advanced Clinical Education II	7		
RADT-69A Integrative Study in Radiography	2		
RADT-69B Advanced Clinical Education III	9		
RADT-69C Sectional Anatomy	1		
RADT-69D Principles of Venipuncture	.5		