Diesel Equipment Technology

Time to Completion 2 Semesters

Fall Semester Courses
- MECH 21 Hydraulics
- MECH 22A Diesel Engines
- MECH 26 Power Equipment Electrical Systems
- MECH 30 Equipment Mechanics Skills
- MECH 33 Power Equipment Air Conditioning
- MECH 31 Equipment Safety

Spring Semester Courses
- MECH 23 Diesel Fuel Systems Diagnostics
- MECH 24 Power Trains
- MECH 27 Applied Diesel Technical Skills
- MECH 32 Applied Electrical & Hydraulic
- MECH 35 Compact Power Equipment 3
- WELD 06 Fundamentals of Oxy-Fuel Welding & Shielded Metal Arc Welding
- MECH 51 Truck Brakes and Chassis

Welding Technology

Time to Completion 1 Semester

- DRFT 44 Blue Print Reading Drafting
- MATH 85 Applied Mathematics
- WELD 06 Fundamentals of Oxy-Fuel & Shielded Metal Arc Welding
- WELD 07 Fundamentals of TIG & MIG Welding
- WELD 40A Welding Design & Construction
- WELD 40B Welding Design & Construction
- WELD 46 Advanced Arc Welding Procedures

Mechanized Agriculture

Time to Completion 2 Semesters

Fall Semester Courses
- MECH 12 Agriculture Equipment
- MECH 21 Hydraulics
- MECH 22A Diesel Engines
- MECH 26 Power Equipment Electrical Systems
- MECH 30 Equipment Mechanics Skills
- MECH 33 Power Equipment Air Conditioning

Spring Semester Courses
- MECH 23 Diesel Fuel Systems Diagnostics
- MECH 24 Power Trains
- MECH 27 Applied Diesel Technical Skills
- MECH 32 Applied Electrical & Hydraulic
- WELD 06 Fundamentals of Oxy-Fuel & Shielded Metal Arc Welding

Industrial Electrical Technician

Time to Completion 2 Semesters

Fall Semester Classes
- INDT 25 Fluid Power
- ELCT 41 Industrial Motor and Equipment Control
- ELCT 42A Principles and Applications of PLCs
- ELCT 47 Electrical Motors, Generators, Transformers & AC Dist.
- INDT 49 Electrical Codes and Ordinances
- ELCT 52 Introduction to Electricity and Electronics
- ELCT 55 Electrical Conduit Bending

Spring Semester Classes
- ELCT 53A Solar Installer
- ELCT 56 Introduction to Mechatronics
- INDTS 35 Electrical Wiring: Residential and Industrial
- INDT 41 Industrial Power Transmission

Computer Networking

Time to Completion 2 Semesters

Fall Semester Courses
- ELCT 30 Exploring the World of Electricity and Electronics
- ELCT 31 Foundations of Electronics – DC and AC Circuits
- ELCT 40A Networking for Home and Small Businesses
- ELCT 40B Working at a Small-to-Medium Business or ISP
- ELCT 44 Electronics Project Design, Fabrication and Repair
- ELCT 51A Personal Computer Configuration, Assembly and Repair
- CPSC 30 Computer Applications

Spring Semester Courses
- ELCT 34 Digital Logic, Circuits, & Systems
- ELCT 36 Networking Topologies and Cabling
- ELCT 40C Routing and Switching in the Enterprises
- ELCT 40D Designing and Supporting Computer Networks
- ELCT 51B A+ Certification Training

CAD Mechanical Design

Time to Completion 2 Semesters

Fall Semester Courses
- DRFT 04B Introduction to 3D Design
- DRFT 04C Introduction to Parametric Modeling
- DRFT 08 Production Methods
- DRFT 44 Print Reading and Sketching
- INDTS 38 Industrial Technology Computer

Spring Semester Courses
- DRFT 04A Fundamentals of Computer Aided Drafting
- DRFT 04D Advanced Parametric Modeling
- DRFT 05 Technical Graphics
- DRFT 10 Rendering and Animation
- DRFT 25 Descriptive Geometry
- DRFT 35 Capstone Design Project

Automotive Technology

Time to Completion 2 Semesters

Fall Semester Classes
- AUTO 04 Automotive Mechanics
- AUTO 42 Automotive Electrical Systems
- AUTO 63 Basic Auto Electronics
- AUTO 32 Wheel Alignment and Suspension
- AUTO 33 Automotive Brake Systems

Spring Semester Classes
- AUTO 41 Automotive Engines
- AUTO 43 Automotive Fuel Systems
- AUTO 46 Automotive Transmissions
- AUTO 36 Automotive Manual Trans. and Drive Trains