

Engineering/Manufacturing and Industrial Technology

Programs of study related to technologies necessary to design, develop, install, or maintain physical systems. These include engineering, manufacturing, construction, service and related technologies.

CAREER CLUSTERS:

Architecture & Construction

- Architectural Technology*
- Construction Technology*
- Climate Control Technology (HVAC)
- Land Surveying Technology

Manufacturing

- Apprenticeships*
- Automotive Technology*
- Die Design
- Manufacturing Engineering
- Product Development
- Quality Systems Technology
- Skilled Trades
- Tool, Fixture Design*

Science, Technology, Engineering & Mathematics

- Customer Energy Specialist
- Electronic Technology*
- Engineering/Pre-Engineering
- Mathematics*
- Vehicle Design

Transportation, Distribution & Logistics

- Civil Technology
- Plant Maintenance

POSSIBLE CAREERS

Certificate/Associate's Degree

- Aircraft Mechanic
- Air-Traffic Controller
- Auto Mechanic
- Brickmason/Stonemason
- CAD/CAM Designer
- Carpenter
- Civil Technologist
- Climate Control Mechanic
- Computer Hardware Engineer
- Drafting Designer
- Electrician
- Machinist
- Metal Roller & Finisher
- Metallurgical Technician
- Millwright
- Mold Maker
- Oil & Gas Driller
- Pattern & Model Maker
- Plumber & Pipe Fitter
- Printing/Plate Making
- Quality Systems Technician
- Robot Technician
- Surveyor
- Tool & Die Maker
- Vehicle Designer

Bachelor's Degree/Above

- Architect
- Aeronautical Engineer
- Automotive Engineer
- Biomedical Engineer
- Chemical Engineer
- Civil Engineer
- Electronics Engineer
- Industrial Engineer
- Mechanical Engineer
- Nuclear Engineer
- Packaging Engineer
- Petroleum Engineer
- Plastics Engineer
- Quality Control Engineer
- Software Engineer