



Industrial Engineering

The Industrial Engineering Center of Excellence is for high school juniors and/or seniors interested in knowledge and skills necessary to assemble, install, troubleshoot, repair and modify machinery and automated systems that are computer or electronically controlled in both manufacturing and facilities environments.

What will I learn?

- Safety for Industry
- Interpreting Engineering Drawings
- DC / AC Circuits
- Industrial Equipment Mechanisms
- Metal Process for Maintenance
- Industrial Electricity and Controls
- Customer Relations
- Heating and Air Conditioning
- Electronic Circuits for Maintenance
- Programmable Logic Controllers
- Maintenance Management
- Building Service Maintenance

Employment Opportunities:

According to O*Net Online, the job outlook for the Heating and Air Conditioning Mechanics and Installers field should grow 15% by 2026. The 2017 average national pay was an annual salary of \$47,080. The job outlook for Energy Engineers shows a field growth of 5 to 9% by 2026 with a 2017 average national pay of \$97,250.

Certification:

Students will have the opportunity to earn EPA Section 608 Universal Certification.