

Albia Area Career Academy

A partnership between IHCC, Albia CSD, Eddyville-Blakesburg-Fremont CSD, Moravia CSD and Seymour CSD

Career Connections offer many benefits

- Students get a head start in their college education preparing for a rewarding career in a high demand field.
- Students receive hands-on instruction.
- Students may earn both high school and college credit at the same time.
- All courses are offered at no cost to students.

Machine Technology

The Machine Technology program will give you an introductory knowledge of the machinist trade. You will study the basic machine tools in theory and have the opportunity to apply your knowledge through hands-on lab activities using industry-quality machines. With this knowledge and skill set, you will have the potential to earn two or more industry certifications from the National Institute for Metalworking Skills (NIMS).

Courses

Machine Shop Practices
Machine Operations I
Machine Operations II
Machine Trade Print Reading I
Machine Trade Print Reading II
Engine Lathe Theory



Automotive Technology

In the Diesel Power Technology program, you will be introduced to skills in a variety of mechanical, electrical, and computer systems necessary to diagnose, repair and maintain agriculture equipment, trucks and other types of heavy construction equipment. You will study diesel engines, transmissions, hydraulics, drivelines, power dividers, brakes, air conditioning, agriculture and marine industries. After graduation, you will be prepared to work in a variety of diesel and power equipment areas including agriculture dealerships, trucking companies and service and repair facilities.

Diesel Technology

In the Diesel Power Technology program, you will be introduced to skills in a variety of mechanical, electrical, and computer systems necessary to diagnose, repair and maintain agriculture equipment, trucks and other types of heavy construction equipment. You will study diesel engines, transmissions, hydraulics, drivelines, power dividers, brakes, air conditioning, agriculture and marine industries. After graduation, you will be prepared to work in a variety of diesel and power equipment areas including agriculture dealerships, trucking companies and service and repair facilities.

Courses for Automotive & Diesel Programs

Auto Maintenance & Inspection
Basic Auto Electricity
Basic Automotive Air Conditioning
Adapters, Tools, & Measurements
Automotive Brake Systems

