



Agricultural Sciences

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www.kirkwood.edu/agscience

www.facebook.com/kirkwoodagsciences

Diesel Technologies

Department: Agricultural Sciences

Degree: Associate of Applied Science

Entry time: Fall

Length: 2 years

- One of the **largest schools** in the nation for number of **Ag program graduates**.
- Many job opportunities with local industry upon graduation..
- **Limited class sizes** allow for **one-on-one instruction**.
- Hands-on experience with various brands of industry-approved equipment.
- 13 agriculture-related student organizations among the **80+ clubs** on campus.
- **Required internships** that provide industry contacts and potential full-time job opportunities.

8-25

Program Description

The Diesel Technologies program offers a 2-year A.A.S. degree for students entering the workforce in agricultural equipment, heavy truck and trailer, or heavy equipment maintenance and repair. Today's technicians not only diagnose and fix mechanical problems, but they also must understand and troubleshoot the computer-controlled systems found in diesel engines, power trains, hydraulic systems, suspensions, and braking systems. The program also provides industry training and professional development for graduates. Currently, more than 50 Midwestern businesses employ one or more former Kirkwood students who participated in our program.

Career Opportunities

Diesel technician
Shop/service technician
Service manager
Owner/operator
Shop foreman/manager

Sample Classes

Hydraulics
Technical Procedures for Power Mechanics Technicians
Fundamentals of Internal Combustion Engines
Fundamentals of Electricity
Welding Fundamentals
Equipment Servicing
Fundamentals of Air Conditioning
Diesel Engines I and II
Advanced Diesel Electronics

Internship

As a Diesel Technologies student, you will complete a summer internship, allowing you to apply your lab and classroom skills in an actual work environment.

Tool Requirements

As a student in the Diesel Technologies program, you will be required to purchase a minimum standard set of professional-grade tools moving into the third semester of your program. Tools will be supplied to you during your first two semesters in the program. A complete tool list with associated costs and vendors is available at www.kirkwood.edu/dieseltech to help you plan for this purchase.

Scholarships

Kirkwood will help you pay for college! Kirkwood awards more scholarships than any other community college in Iowa. For more information and to apply, visit www.kirkwood.edu/scholarships.

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