

at a glance



**Kirkwood**  
COMMUNITY COLLEGE

**Agricultural Sciences**

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# Diesel Truck Technology

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 from the Diesel Truck Technology program.
- **Hands-on learning** on all aspects of a **truck and trailer** – from the front end to the rear.
- **Limited class sizes** to allow for **one-on-one instruction**.
- **Various brands** of industry-approved equipment.
- 13 agriculture-related student organizations among the **80+ clubs** on campus.
- **Required internship opportunities** providing great industry contacts, which could lead to a full-time position after graduation.

## Program Description

Prepare for entry-level employment or job advancement in fields related to the repair and maintenance of diesel trucks and other diesel-powered equipment. This comprehensive program stresses skill development, theoretical knowledge, applications and leaderships skills, providing many options for employment.

## Career Opportunities

Tractor-trailer truck driver  
Diesel mechanic  
Parts management  
Sales  
Safety inspector

## Sample Classes

Hydraulics  
Technical Procedures for Power Mechanics Technicians  
Truck Engines  
Fundamentals of Internal Combustion Engines  
Fundamentals of Electricity  
Welding Fundamentals  
Truck Clutches  
Truck Electronics  
Cooling Systems  
Air Brakes and ABS  
Steering and Suspension  
Trailer Servicing  
Diesel Fuel Systems

## Internships

As a Diesel Truck Technology student you will complete an internship during your final semester allowing you to apply your lab and classroom skills in an actual work environment.

## Tool Requirements

As a student in the Diesel Truck Technology 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/dieseltruck](http://www.kirkwood.edu/dieseltruck) to help you plan for this purchase.

## Additional Program Information

A commercial driver's license (CDL) is recommended for this program. As a student in the program, you can take Kirkwood's Continuing Education CDL program.

## 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](http://www.kirkwood.edu/scholarships).

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