

Diesel Mechanics

Why should I major in Diesel Mechanics?

Careers in diesel mechanics offer high wages and the challenge of skilled repair work. Diesel mechanics repair and maintain the diesel engines that power transportation equipment, such as heavy trucks, buses and locomotives. Iowa Western's program emphasizes all phases of the diesel truck, including engines, transmissions, drive axles and most importantly, the electronic system. Our diesel mechanics program will prepare you for entry-level jobs in the field.



What type of degree will I earn at Iowa Western if I enroll in this program?

Graduates of this one-year program receive a diploma. Other options include the two-year Diesel Technology program, which awards an Associate of Applied Science (AAS) degree.

If I major in Diesel Mechanics, can I transfer to a four-year college or university?

With your diploma from Iowa Western, you will be able to enter directly into the work force in entry-level positions. If obtaining an advanced degree is your goal, it is recommended that you major in our Diesel Technology program, where you will earn your Associate of Applied Science degree which will qualify you for more advanced positions. Your credits also may be transferred to a bachelor degree-granting institution if obtaining a bachelor's degree is your goal.

What is the job outlook for Diesel Mechanics graduates and what type of jobs will I be qualified for?

Many opportunities are available for the Diesel Technology graduate in the trucking, agricultural and heavy equipment industries. Employers nationwide are seeking skilled, competent mechanics familiar with diesel engines, power trains, air brakes, and electrical and diesel fuel injection systems. Besides a high rate of employment, students can expect higher-than-average starting wages between \$8 and \$12 an hour.

Program of Study

The Diesel Mechanics program of study equips students with necessary skills to become entry-level diesel mechanics. It emphasizes the maintenance of over-the-road diesel trucks. Students receive instruction through a combination of theory classes and practical experience. Graduates of this program are awarded a diploma.

- * Students must complete the curriculum described below:
- * Students must complete 15 semester credit hours of laboratory courses.

RECOMMENDED COURSE SEQUENCE

First Semester		Cr.
DSL 324	Introduction to Diesel	4
DSL 144	Electrical Systems	4
DSL 846	Diesel Lab I	1-6
	General Elective	3
		12-17
Second Semester		Cr.
DSL 654	Hydraulics/Air Brakes	4
DSL 674	Chassis/Driveline	4
DSL 856	Diesel Lab II	1-6
	Communications Requirement (ENG 105, 110 or 111)	3
		12-17
Summer Term		Cr.
DSL 744	Air Conditioning/Refrigeration	4
DSL 863	Diesel Lab III	1-3
		5-7

41 semester hours required

**For More Information,
contact the Admissions Office:
712.325.3277 or 800.432.5852, ext. 3277
or the Program Chair at 712.325.3369
www.iwcc.edu**