

Automotive Mechanics

Why should I major in Automotive Mechanics?

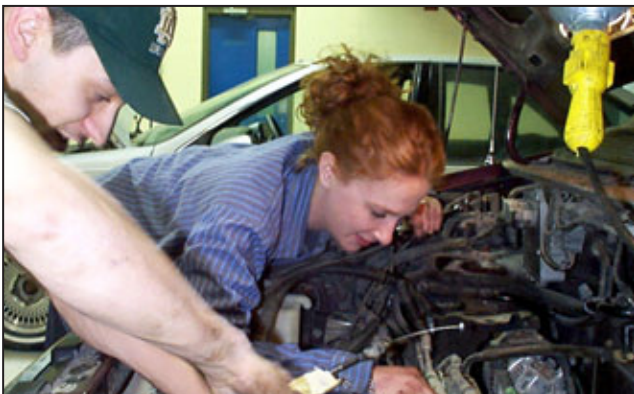
Today's high-tech vehicles require well-trained technicians. Students in Iowa Western's Automotive Mechanics program participate in a program of study designed to build the skills needed to become competent entry-level maintenance mechanics. Ford Motor Company's maintenance and light repair curriculum has been incorporated into this major. Students gain valuable hands-on experience in our live-lab.

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

Graduates of our one-year A.S.E. (Automotive Service Excellence) nationally certified Automotive Mechanics program earn a diploma. Other options include earning your Associate of Applied Science (AAS) degree through our two-year Automotive Technology program, or choosing from one of several short-term certificate programs.

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

By earning your diploma in our Automotive Mechanics program, you'll be qualified to enter directly into the work force. If obtaining an advanced degree is your goal, it is recommended that you major in our Automotive Technology program where you will earn an Associate in Applied Science degree. You can then transfer these credits toward a bachelor's degree, which you would earn from another institution.



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

The need for more technicians will continue to increase at an above average rate and those who are certified will be in even higher demand. Traditionally, 100 percent of Iowa Western graduates have located positions in the field, finding employment in dealerships, independent garages, and self-employment earning starting wages of up to \$17 an hour.

The Iowa Western Automotive Technology program is nationally certified by N.A.T.E.F. (National Automotive Technicians Education Foundation) and A.S.E. (Automotive Service Excellence), 13505 Dulles Technology Dr., Suite 2, Herndon, VA, 20171-3421. The program is locally endorsed by the Lake Manawa Auto Dealers Association.

Program of Study

The Automotive Mechanics program of study is a one-year program admitting students in the spring and fall semesters. A combination of theory classes and hands-on training in the lab and shop prepare students to become entry-level vehicle maintenance mechanics. Graduates of this program are awarded a diploma.

- * Students must complete the curriculum described below:
- * Students must complete 7.5 semester credit hours of laboratory instruction and/or internship.
- * All internships must be approved by the automotive program chair prior to registration.
- * Students must complete a minimum of 42 contact hours of parts procurement orientation as a component of Automotive Lab I, II, or III as scheduled by the program chair.

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RECOMMENDED COURSE SEQUENCE

First Semester		Cr.
AUT 112	*Automotive Shop Practices	2
AUT 130	*Automotive Maintenance and Inspection Procedures	2
AUT 603	Basic Automotive Electricity	3
AUT 632	Automotive Electrical/Electronic Systems	3
AUT 895	Automotive Career Seminar I	.5
AUT 881	Automotive Lab I	3
	Mathematics Requirement (MAT 110 or higher)	3
		16.5
Second Semester		Cr.
AUT 503	Automotive Brake Systems	3
AUT 403	Automotive Suspension and Steering	3
AUT 155	Automotive Engine Design and Systems	2
AUT 222	Basic Automotive Drive Lines	2
AUT 896	Automotive Career Seminar II	.5
AUT 882	Automotive Lab II	3
	Communications Requirement (ENG 105, 110 or 111)	3
		16.5
Summer Term I		Cr.
AUT 704	Automotive Heating and Air Conditioning	4
AUT 876	Service Management	1.5
AUT 878	Automotive Lab III <u>OR</u>	1.5
AUT 900	Automotive Internship I	1.5
		7

*Required for all students in their first semester of the program.

40 semester hours required

**For More Information,
contact the Admissions Office:
712.325.3277 or 800.432.5852, ext. 3277
or the Program Chair at 712.388.6806
www.iwcc.edu**