

## **Automotive Technology Degree (ATD)**

The Automotive Technology Degree prepares you for a variety of technical and managerial positions in transportation-related industries. MWCC's comprehensive program in computerized automotive service technology is not manufacturer specific. The combination of specialized and general training gives students maximum employment flexibility. According to the Bureau of Labor Statistics, opportunities are expected to be very good for those who complete formal automotive training. The Automotive Technology program has National ASE Certification in the areas of brakes, electrical/electronic systems, engine performance, and suspension and steering from the National Automotive Technicians Education Foundation (NATEF), in accordance with standards developed and recognized by the National Institute for Automotive Service Excellence (ASE).

Number	Suggested Course Order	Cr	Semester	Grade	Prerequisites/Notes
AUT120	Performance and Diagnosis I	5			RDG100, MAT090 (or concurrent), or placement
AUT122	Brakes	4			RDG100, MAT090 (or concurrent), or placement
AUT123	Electrical Systems I	4			RDG100, MAT090 (or concurrent), or placement
AUT125	Engine Repair	5			RDG100, MAT090 (or concurrent), or placement
AUT121	Performance and Diagnosis II	5			AUT120 or permission of division dean
AUT124	Electrical Systems II	4			AUT123 or permission of division dean
AUT127	Suspension and Steering	4			RDG100, MAT090 (or concurrent), or placement
AUT130	Automatic and Manual Drivetrains	4			RDG100, MAT090 (or concurrent), or placement
ENG101	English Composition I	3			ENG100, RDG100, FYE101, or placement
MGT110	Small Business Management	3			ENG100, MAT092, RDG100, FYE101, or placement
CIS127	Computer Technologies	3			ENG100, RDG100, FYE101, or placement
ENG102	English Composition II	3			ENG101
MAT126	Topics in Mathematics ( <i>or higher</i> )	3			MAT096 or placement
	Health Elective	2/3			<b>Electives:</b> BIO101, BIO103, BIO112, BIO230, CHC101, CHC108, CHC220, EXS201, PER126, PER127, PER130
	Humanities Elective	3			<b>Electives:</b> ART, ASL, FRE, ENG, HUM, MUS, PHL, SPA, THE
	General Elective	3			<b>Electives:</b> Any course (see page 66 for exceptions) Recommended AUT204
	Social Science Elective	3			<b>Electives:</b> ANT, DSI, PSY, SOC, GEO, HIS, POL, ECO, SSC
	Science Elective	3/4			<b>Electives:</b> BIO, BTC, CHE, EAS, EGM, NRD, PHY
<b>Total: 64/66 credits</b>					

See page 80 of the college catalog for program competencies and technical standards.

**Campus/format:** A majority of this program can be completed during the day at the Gardner Campus.

**Helpful hints:** Students enrolled in the Automotive Technology Degree curriculum may gain work experience through co-operative education.

**Transfer options:** This program prepares students for immediate career entry. However, transfer agreements exist with Charter Oak State College and the University of Phoenix.

Visit MWCC's transfer services website: <http://transfer.mwcc.edu>.

3 Plus ONE eligible-go to: [www.mwcc.edu/3PlusONE](http://www.mwcc.edu/3PlusONE).

**Special requirements:** Students are required to purchase safety glasses, safety shoes, and a basic tool set which can cost \$2,500. Also, students will be required to enroll in late afternoon classes. Technical standards must be met with or without accommodations.

**Career options:** Service technician; service manager; race team pit crew member; diesel mechanic; shop manager or owner; repair service writer; motorcycle, boat, and small engine mechanic; or other automotive industry career.

**Earning potential:** \$11.96 to \$21.56 per hour.