

AUTOMOTIVE TECHNOLOGY

Faculty

Waldron

The automotive technology program provides quality training relevant to current trends in automotive repair technology. The program enhances a student's employment potential and opportunities; provides knowledge and skills relevant to current trends in automotive repair; provides a solid foundation for continuing education in related fields; and provides a flexible, career-oriented path of training and education.

Housed in the spacious shop facility of the Neil and Doris McMurry Career Studies Center, the automotive technology program is one of 30 career programs at Casper College designed to prepare students for the work force. Students can earn a one-year certificate or a two-year associate of applied science degree, which includes general education coursework with automotive, machine tool and welding electives.

Note: To graduate with a certificate or degree, students must earn a "C" or better in all major requirements.

Associate of Applied Science Degree Automotive Technology

(Recommended Curriculum)

General Education (Minimum 17 credits)

Credits

General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation (One course minimum)
 - Laboratory science
 - Mathematics
2. Communication (One course minimum)
 - Written or spoken communication
 - CO/M 1505 Communication for Professional Success (highly recommended)
3. Relationship with the World (One course minimum)
 - Human behavior
 - U.S. and Wyoming constitutions..... 1-3
 - Cultural environment
4. General Education Electives
 - Must be chosen from areas 1, 2, or 3 above.
5. Physical Education1

Major Requirements

Automotive Technology certificate
 program requirements 40
 Approved electives 15

Approved electives: AUTO 2800, 2980; CMAP 1500, 1505; MCHT 1610, 1620; WELD 1700, 1710.

A minimum of 64 approved semester credits are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

Automotive Technology Certificate (Certificate Requirements)

Credits

Students beginning the program in the fall semester will register for the fundamental courses listed below.

AUTO	1510	Engine System Fundamentals	5
AUTO	1690	Manual Power Train Fundamentals.....	4
AUTO	1765	Automotive Electrical.....	5
AUTO	2555	Suspension and Steering	4
AUTO	2980	Cooperative Work Experience.....	2
ENGL	0465	Intro to Writing for the Trades.....	1

Students will select from the following courses in the spring semester.

AUTO	1740	Brakes	4
AUTO	1760	Heating and Air Conditioning..... or	
AUTO	2500	Advanced Engine Rebuilding	4
AUTO	2565	Advanced Automotive Electrical.....	5
AUTO	2610	Computerized Fuel Systems	5
AUTO	2980	Cooperative Work Experience.....	2

For specific graduation requirements see "Academic Policies" and "Degree Requirements."