

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 Education 1

Major Requirements

Automotive Technology certificate program requirements.	40
*Approved electives	15

* Approved electives may be any other AUTO, WELD,, and/or MCHT courses.

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

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."

ONLY COURSES NUMBERED 1000 OR ABOVE CAN BE USED TOWARD THE ASSOCIATE OF ARTS, ASSOCIATE OF SCIENCE, ASSOCIATE OF BUSINESS, ASSOCIATE OF FINE ARTS AND ASSOCIATE OF APPLIED SCIENCE DEGREES.