

Automotive Technology (Apprentice)

AUT.AAS

CODE	COURSE	CREDITS	CODE	COURSE	CREDITS
First Year/First Semester			Second Year/First Semester		
AUT-101	Automotive Fundamentals	3	ENG-102	English Composition II	3
AUT-111	Automotive Brake Systems	3	AUT-242	Automotive Electrical/Electronic Systems	4
AUT-121	Steering & Suspension Systems	4	AUT-253	Automotive Engines	4
CSC-101	Computer Literacy	3	AUT-261	Manual Drive Trains and Axles	4
.....	Diversity: Humanities Education Elective	3	PHY-103	Physics I (for the Non-Science major)	4
		16			19
Second Semester			Second Semester		
ENG-101	English Composition I	3	AUT-262	Automatic Transmissions & Transaxles	4
AUT-131	Automotive Heating and Air Conditioning	3	AUT-271	Advanced Automotive Systems I	4
AUT-141	Automotive Electrical/Electronic Principles	4	AUT-272	Advanced Automotive Systems II	4
MTH.....	Mathematics General Education Elective	3/4	AUT-286	Automotive Capstone Practicum (360 hours)	3
.....	Social Science General Education Elective	3			15
		16/17		Total Minimum Credits	66

Note: The program accepts students each semester.

PROGRAM DESCRIPTION

This open enrollment curriculum is designed to prepare students for careers as service technicians in the automotive industry.

PROGRAM GOALS

- To provide students with quality state of the art education in the latest automotive technologies that are incorporating increasingly sophisticated computer-controlled and electronic systems.
- To provide students with safety education in the workplace by passing several safety evaluations in the automotive program.
- To prepare students to qualify for entry-level employment as a "C" class technician.
- To provide students with a General Education foundation.

PROGRAM STUDENT LEARNING OUTCOMES

- At the end of the program, the graduate will be able to:
1. Work safely in an automobile repair facility.
 2. Perform basic techniques involved in diagnosis and repair of automobiles.
 3. Explain basic principles of automotive technology.

PROGRAM REQUIREMENTS

Applicants must complete the required application form, submit official high school records and college transcripts and arrange to take the College Placement Test. Students should have good mechanical skills. Toward the end of the program, a 360-hour practicum is required.

CERTIFICATION

The Automotive Technology program at Camden County College is fully certified as a master training program by the National Institute for Automotive Service Excellence.

EMPLOYMENT OPPORTUNITIES

The program prepares students to work at all automotive service facilities, whether independent service organizations or new car dealerships.

Graduates of this program experience a very high job placement rate in the automotive industry as an:

- Automotive technician
- Automotive service writer
- Automotive parts counter specialist

CONTACT PERSON

Christopher Gallo, Director
 (856) 227-7200, ext. 4544
 email: cgallo@camdencollege.edu

Highlights

The automotive instructors have won many awards and are recognized nationally for their teaching and automotive expertise.