

Associate in Applied Science Automotive Technology (Apprentice)

AUT.AAS

FIRST YEAR/FIRST SEMESTER			
Course #	Course Name	Credits	Notes
AUT-101	Automotive Fundamentals	3	
AUT-111	Automotive Brake Systems	3	
AUT-121	Steering & Suspension Systems	4	
CIS-105	Computer Literacy	3	
ELECTIVE	Diversity: Humanities Education Elective	3	
FIRST YEAR/SECOND SEMESTER			
ENG-101	English Composition I	3	Must test into ENG-101 or complete all appropriate prerequisites
AUT-131	Automotive Heating and Air Conditioning	3	
AUT-141	Automotive Electrical/Electronic Principles	4	
MTH....	Mathematics General Education Elective	3 or 4	Must test into College level Math or complete all appropriate prerequisites
ELECTIVE	Social Science General Education Elective	3	
SECOND YEAR/FIRST SEMESTER			
ENG-102	English Composition II	3	Prerequisite: ENG-101
AUT-242	Automotive Electrical/Electronic Systems	4	
AUT-253	Automotive Engines	4	
AUT-261	Manual Drive Trains and Axles	4	
PHY-103	Physics I (for the Non-Science major)	4	
SECOND YEAR/SECOND SEMESTER			
AUT-262	Automatic Transmissions & Transaxles	4	
AUT-271	Advanced Automotive Systems I	4	
AUT-272	Advanced Automotive Systems II	4	Corequisite: AUT-271
AUT-286	Automotive Capstone Practicum (360 hours)	3	Corequisite: AUT-272
TOTAL CREDITS		66/67	

PROGRAM DESCRIPTION

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

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 CCC is fully certified as a master training program by the ASE Education Foundation.

CONTACT PERSON

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