Automotive Technology - AAS

West Burlington Campus, and select courses available at the Keokuk Campus

Related programs:
Automotive Technology - Diploma
Automotive Technology - AAS
Automotive Technology Management - AAS

Program Information

The Automotive Technology program is an Automotive Service Excellence (ASE) certified program. This certification assures the student that the program meets the standards set by National Automotive Technicians Education Foundation (NATEF) regarding equipment, tools, scheduling, instructors, and curriculum.

In order for a technician to become ASE certified, they must have two years experience in addition to passing tests in the various areas of automotive repair. However, by attending the SCC Automotive Technology program, students may take these tests at any time during their education. If a student passes these tests, they will become ASE certified pro-tem upon graduation. After just one year of experience in the field, they become officially ASE certified.

The Automotive Technology - Automotive Mechanics diploma is awarded after successful completion of the first two semesters.

Third Party Credentials earned after successful completion of coursework:

- Automotive Service Pollution Prevention
- Engine Repair Entry-Level Certification
- Suspension & Steering Entry-Level Certification
- Brakes Entry-Level Certification
- Automatic Transmission/Transaxle Entry-Level Certification
- Manual Drive Train & Axles Entry-Level Certification
- Electrical/Electronic Systems Entry-Level Certification
- Heating & Air Conditioning Entry-Level Certification
- Engine Performance Entry-Level Certification

*Diploma can be earned one time.

Please view the technical standards for this course.

For specific information regarding program rules and expectations, please view the Automotive Program Handbook.

Instructor and Staff

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Program Requirements

Fall Semester I		Credit
AUT-106	Introduction to Automotive Technology	2
AUT-126	Fundamentals of Automotive Servicing	2
AUT-405	Automotive Suspension and Steering	5
AUT-505	Automotive Brake Systems	5
HSC-181	First Aid/CPR for Non-Health Care Workers	1.5
MAT-702	Introduction to Math Applications	3
Semester Total.. 18.5		

Spring Semester I		Credit
AUT-166	Automotive Engine Repair	6
AUT-244	Manual Drivetrains I	3
AUT-610	Automotive Electrical I	4
ENG-110	Writing for the Workplace	3
ELT-295	AC/DC Fundamentals	2
Semester Total.. 18		

Summer Semester		Credit
Take 1 of 2 courses:		
SOC-114	Conflict Resolution in the Workplace	3
SOC-115	Social Problems	3
Take 1 of 3 courses:		
HUM-287	Leadership Development Studies	3
HIS-251	US History: 1945 to Present	3
PHI-105	Introduction to Ethics	3
Semester Total.. 6		

Fall Semester II		Credit
AUT-625	Automotive Electrical II	8
AUT-800	Engine Performance	8
Take 1 of 2 courses:		
PSY-111	Introduction to Psychology	3
SOC-110	Introduction to Sociology	3
Semester Total.. 19		

Spring Semester II		Credit
AUT-190	Hybrid Fundamentals	2
AUT-207	Automatic Transmissions/Transaxles	6
AUT-246	Manual Drivetrains II	3
AUT-700	Automotive Heating and Air Conditioning	2.5
AUT-911	Internship	4
Semester Total.. 17.5		

Program Total...79