

Automotive Technology Management - AAS

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

(319) 208-5109
wcarpenter@sccciowa.edu

Related programs:

[Automotive Technology - Diploma](#)

[Automotive Technology - AAS](#)

[Automotive Technology Management - AAS](#)

Austen Totsch
Instructor - Automotive Technology
(319) 208-5108
atotsch@sccciowa.edu

Program Information

This is an option of the Automotive Technology Program allowing student to pursue a management track in their second year.

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

In order for a technician to become ASE certified, he/she 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 they pass 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.

After successful completion of the first two semesters, the Auto Mechanics Diploma will be awarded.

*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

Wes Carpenter
Assistant Professor - Automotive Technology

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Program Requirements

	Credit	Spring II Semester	Credit
AUT-625 Automotive Electrical II	8	Semester Total.....	17.5
AUT-800 Engine Performance	8		
AUT-190 Hybrid Fundamentals	2	Program Total.....	133
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		

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

Take 1 of 2 courses:

PSY-111 Introduction to Psychology	3
SOC-110 Introduction to Sociology	3
Semester Total.....	42.5

	Credit
AUT-625 Automotive Electrical II	8
AUT-800 Engine Performance	8
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

Take 1 of 2 courses:

PSY-111 Introduction to Psychology	3
SOC-110 Introduction to Sociology	3
Semester Total.....	36.5

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

Spring II Semester	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