

## Automotive Technology - AAS

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Related programs:

[Automotive Technology - Diploma](#)

[Automotive Technology - AAS](#)

[Automotive Technology Management - AAS](#)

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.

\*Diploma can be earned one time.

### Where will this take me?

Automotive Diagnostic Expert  
Automotive Parts Sales  
Automotive Repair Technician  
Automotive Service Advisor  
Insurance Adjuster  
Transmission Specialist

### Instructor and Staff

Wes Carpenter  
Assistant Professor  
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AAS, Lincoln Technical Institute  
BA, Western Illinois University  
ASE Master Tech  
ASE Advanced Engine Performance  
GM and Ford Certified

*Southeastern Community College values diversity in all its forms. Please visit <https://www.scciowa.edu/non-discrimination-statement.aspx> to view our non-discrimination statement.*

*For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit SCC's financial aid website at <http://www.scciowa.edu/admissions/costaid/finaid/gainemp.aspx>*

Timothy Hunter

Instructor

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AAS, Indian Hills Community College

ASE Master Tech

## West Burlington Campus (Keokuk campus offers select courses)

### 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
<b>Take WBL-110 as 1 credit:</b>		
WBL-110	Employability Skills	1-3
Semester Total.....		19

Summer Semester		Credit
<b>Take 1 of these courses:</b>		
SOC-114	Conflict Resolution in the Workplace	3
SOC-115	Social Problems	3
<b>Take 1 of these courses:</b>		
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
<b>Take 1 of 2 courses:</b>		
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.....		80