



# Business & Industry



## Automotive Technology Associate of Applied Science

Program Summary      Certifications      Associate of Applied Science

The Snap-on Automotive program provides entry to an in-demand industry with hands-on training by certified technicians who are experts in the business. Students graduate with advanced skills and the knowledge to take the Automotive Service Excellence (ASE) exam.

<b>AAS 6032 Automotive Technology Associate of Applied Science 60 Hours TSI Required</b>		
<b>Basic Automotive Repair Certificate (16 hours)</b>		
<b>CC 6035</b>	<b>Certificate of Completion</b>	<b>TSI Waived</b>
AUMT 1407	Automotive Electrical Systems	4
AUMT 1410	Automotive Brake Systems	4
AUMT 1416	Automotive Suspension and Steering	4
AUMT 2421	Automotive Electrical Diagnosis and Repair	4

<b>Automotive Repair Technology Certificate (16 Hours)</b>		
<b>CC 6034</b>	<b>Certificate of Completion Ψ</b>	<b>TSI Waived</b>
AUMT 1419	Automotive Engine Repair	4
AUMT 2413	Automotive Drive Train and Axles	4
AUMT 2417	Automotive Engine Performance Analysis I	4
AUMT 2434	Automotive Engine Performance Analysis II	4

<b>Advanced Auto Repair Certificate (14 Hours)</b>		
<b>CC 6038</b>	<b>Certificate of Completion Ψ Ψ</b>	<b>TSI Required</b>
AUMT 1445	Automotive Climate Control Systems	4
AUMT 2425	Automotive Automatic Transmission and Transaxle	4
AUMT 2301	Automotive Management OR	3
AUMT 2389	Internship – Automotive Mechanics Technology	
BCIS 1305	Business Computer Applications	3

<b>Automotive Technology Associate of Applied Science (14 Hours)</b>		
<b>AAS 6032</b>	<b>Associate of Applied Science</b>	<b>TSI Required</b>
ENGL 1301	Composition I	3
MATH	College Level Mathematics*	3
POFT 1220	Job Search Skills	2
ELECTIVE	Social and Behavioral Sciences¶	3
ELECTIVE	Language, Philosophy and Culture or Creative Arts Core¶	3

\*See Core Curriculum for course options

¶ See Course Description for elective options

Ψ Prerequisite CC 6035

Ψ Ψ Must complete CC 6035 & CC 6034



# Business & Industry



## Automotive Technology Certifications (Sequenced)

Program Summary

Certifications

Associate of Applied Science

### Basic Automotive Repair

#### Year 1: Semester 1

Course	Semester Credit Hours
AUMT 1407 Automotive Electrical Systems	4
AUMT 1410 Automotive Brake Systems	4
AUMT 1416 Automotive Suspension and Steering	4
AUMT 2421 Automotive Electrical Diagnosis and Repair	4
Total	16

### Automotive Repair Technology

#### Year 1: Semester 1

Course	Semester Credit Hours
AUMT 1407 Automotive Electrical Systems	4
AUMT 1410 Automotive Brake Systems	4
AUMT 1416 Automotive Suspension and Steering	4
AUMT 2421 Automotive Electrical Diagnosis and Repair	4
Total	16

#### Year 1: Semester 2

Course	Semester Credit Hours
AUMT 1419 Automotive Engine Repair	4
AUMT 2413 Automotive Drive Train and Axles	4
AUMT 2417 Automotive Engine Performance Analysis I	4
AUMT 2434 Automotive Engine Performance Analysis II	4
Total	16



# Business & Industry



## Certificate of Technology

### Year 1: Semester 1

Course	Semester Credit Hours
AUMT 1407 Automotive Electrical Systems	4
AUMT 1410 Automotive Brake Systems	4
AUMT 1416 Automotive Suspension and Steering	4
AUMT 2421 Automotive Electrical Diagnosis and Repair	4
Total	16

### Year 1: Semester 2

Course	Semester Credit Hours
AUMT 1419 Automotive Engine Repair	4
AUMT 2413 Automotive Drive Train and Axles	4
AUMT 2417 Automotive Engine Performance Analysis I	4
AUMT 2434 Automotive Engine Performance Analysis II	4
Total	16

### Year 1: Semester 3 (Summer)

Course	Semester Credit Hours
AUMT 1445 Automotive Climate Control Systems	4
Total	4

### Year 2: Semester 1

Course	Semester Credit Hours
AUMT 2425 Automotive Automatic Transmission and Transaxle	4
AUMT 2301 Automotive Management OR AUMT 2389 Internship – Automotive Mechanics Technology	3
BCIS 1305 Business Computer Applications	3
Total	10



# Business & Industry



## Automotive Technology Associate of Applied Science

Program Summary

Certifications

Associate of Applied Science

### Year 1: Semester 1

Course	Semester Credit Hours
AUMT 1407 Automotive Electrical Systems	4
AUMT 1410 Automotive Brake Systems	4
AUMT 1416 Automotive Suspension and Steering	4
AUMT 2421 Automotive Electrical Diagnosis and Repair	4
Total	16

### Year 1: Semester 2

Course	Semester Credit Hours
AUMT 1419 Automotive Engine Repair	4
AUMT 2413 Automotive Drive Train and Axles	4
AUMT 2417 Automotive Engine Performance Analysis I	4
AUMT 2434 Automotive Engine Performance Analysis II	4
Total	16

### Year 1: Semester 3 (Summer)

Course	Semester Credit Hours
AUMT 1445 Automotive Climate Control Systems	4
Total	4

### Year 2: Semester 1

Course	Semester Credit Hours
AUMT 2425 Automotive Automatic Transmission and Transaxle	4
AUMT 2301 Automotive Management OR AUMT 2389 Internship – Automotive Mechanics Technology	3
BCIS 1305 Business Computer Applications	3
POFT 1220 Job Search Skills	2
Total	12

### Year 2: Semester 2

Course	Semester Credit Hours
ENGL 1301 Composition I	3
MATH College Level Mathematics*	3
ELECTIVE Social and Behavioral Sciences¶	3
ELECTIVE Language, Philosophy and Culture or Creative Arts Core¶	3
Total	12

\*See Core Curriculum for course options

¶ See Course Description for elective options