



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.

AAS 6032 Automotive Technology Associate of Applied Science 60 Hours TSI Required		
Basic Automotive Repair Certificate (16 hours)		
CC 6035	Certificate of Completion	TSI Waived
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

Automotive Repair Technology Certificate (16 Hours)		
CC 6034	Certificate of Completion Ψ	TSI Waived
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

Advanced Auto Repair Certificate (14 Hours)		
CC 6038	Certificate of Completion Ψ Ψ	TSI Required
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

Automotive Technology Associate of Applied Science (14 Hours)		
AAS 6032	Associate of Applied Science	TSI Required
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



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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



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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	3
AUMT 2389 Internship – Automotive Mechanics Technology	3
BCIS 1305 Business Computer Applications	3
Total	10



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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