



Automotive Technology Associate of Applied Science (A.A.S.) 2018–2019

DESCRIPTION:

The Automotive Technology Associate of Applied Science Degree is designed to give students a broad overview of the fundamentals and skills necessary for maintenance, diagnosis and repair of cars and light trucks. For more information, see csc.edu/academics/departments/automotive-technology.

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program.

ONGOING REQUIREMENTS:

Students must maintain the minimum GPA required by the College.

OPPORTUNITIES FOR GRADUATES:

Career:

Columbus State's Automotive Technology programs prepare students for entry-level positions as Service Technicians or Service Advisors. Through classroom and hands-on experiences, the curriculum prepares graduates for a wide variety of job opportunities in new car dealerships, independent repair shops, franchise repair shops, and fleet repair facilities. Courses are designed to help students prepare for Automotive Service Excellence (ASE) certification examinations G1, A1, A4, A5, A6, A7 and A8.

Transfer:

N/A

DEGREE REQUIREMENTS (AUTOMOTIVE TECHNOLOGY A.A.S.):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
AUTO 1101 Basic Auto Systems*	AU/SP/SU	2	
AUTO 1106 Auto Shop Orientation & Service*	AU/SP/SU	2	
AUTO 1160 Electrical Systems: Theory 1*	AU/SP/SU	2	
AUTO 1140 Suspension & Steering Systems: Theory	AU/SP/SU	2	
AUTO 1150 Brake Systems: Theory	AU/SP/SU	2	
AUTO 1170 Heating & Air Conditioning Systems: Theory	AU/SP/SU	2	
COLS 1100 First Year Experience Seminar	AU/SP/SU	1	
MATH 1101 Math for Applied Tech & Construction Sciences	AU/SP/SU	3	
Semester Credits		16	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
AUTO 1180 Engine Performance Theory 1	AU/SP	2	• Upon Completion of the second semester the student may be eligible for the MLR Certificate
AUTO 1240 Suspension & Steering Systems: Diagnosis	AU/SP	2	
AUTO 1250 Brake Systems: Diagnosis	AU/SP	2	
AUTO 1260 Electrical Systems: Theory 2	AU/SP	2	
AUTO 2399 Maintenance & Light Repair Shop Experience	AU/SP	2	
ENGL 1100 Composition 1	AU/SP/SU	3	
Semester Credits		13	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
AUTO 1110 Engines: Theory	AU/SP/SU	2	
AUTO 1210 Powertrain Systems Service	AU/SP/SU	2	
AUTO 2120 Automatic Transmissions: Theory	AU	2	
AUTO 2280 Engine Performance: Theory 2	AU/SP	2	
COMM Elective	AU/SP/SU	3	
CSCI 1101 Computer Concepts & Applications	AU/SP/SU	3	
Semester Credits		14	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
AUTO 2130 Manual Trans: Theory	SP	2	
AUTO Elective	AU/SP/SU	5	
HUM Elective	AU/SP/SU	3	
SBS Elective	AU/SP/SU	3	
Semester Credits		13	

SUMMER SEMESTER

Course	Term	Credits	Milestones/Progress Check
AUTO 2270 Heating & Air Conditioning: Diagnosis	AU/SP/SU	2	• Upon completion of the summer semester the student may be eligible for the AST Certificate
BMGT Elective	AU/SP/SU	3	
NAT Elective	AU/SP/SU	4	
Semester Credits		9	
Total		65	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
Requirements subject to change.