



Automotive Technology Ford Asset Associate of Applied Science (A.A.S.)

2018–2019

DESCRIPTION:

The Ford ASSET Associate Degree trains students to diagnose, service, and maintain vehicles using Ford recommended procedures, special tools, and service publications. Students will have the opportunity to earn up to 100% of all Ford STST Certifications as part of the program. When a student has all the courses in a particular STST area completed, he/she will be qualified for Ford STST Certification in that area. 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. To complete the ASSET program, a student must be employed by a sponsoring Ford or Lincoln dealer. The dealership service department provides work experience under the guidance of an experienced technician during the Paid Cooperative Work Experience. We help you connect with a dealership in which you can learn and grow and become part of their team.

OPPORTUNITIES FOR GRADUATES:

Career:

Ford ASSET is a partnership between Ford Motor Company, Ford & Lincoln dealerships, and Columbus State Community College. The program provides students the opportunity to become highly trained technicians employed by Ford & Lincoln dealerships.

Transfer:

N/A

DEGREE REQUIREMENTS (AUTOMOTIVE TECHNOLOGY FORD ASSET 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	
Semester Credits		13	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
FORD 1240 Suspension & Steering Systems: Diagnosis	SP	2	
FORD 1250 Brake Systems: Diagnosis & Repair	SP	2	
FORD 1260 Electrical Systems: Diagnosis & Repair	SP	2	
FORD 1270 Heating & Air Conditioning: Diagnosis & Repair	OD	2	
FORD 1360 Electronic Systems: Theory & Operation	OD	3	
ENGL 1100 Composition 1	AU/SP/SU	3	
Semester Credits		14	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
FORD 2130 Manual Transmissions/Driveline: Diagnosis & Repair	OD	3	
FORD 2180 Engine Performance: Operation & Diagnosis	OD	3	
FORD 2952 Cooperative Work Experience/Seminar II	OD	2	
COMM Elective	AU/SP/SU	3	
MATH 1101 or MATH 1104	AU/SP/SU	3	
Semester Credits		14	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
FORD 2120 Automatic Transmissions: Diagnosis & Repair	OD	3	
FORD 2280 Advance Engine Performance: Diagnosis & Repair	OD	2	
FORD 2953 Cooperative Work Experience/Seminar III	OD	2	
SBS Elective	AU/SP/SU	3	
NAT Elective	AU/SP/SU	4	
Semester Credits		14	

SUMMER SEMESTER I

Course	Term	Credits	Milestones/Progress Check
FORD 1110 Engine: Diagnosis & Repair	OD	3	
FORD 2951 Cooperative Work Experience/Seminar I	OD	2	
ESSH 1170 OSHA 10hr General Industry Safety & Health	AU/SP/SU	1	
Semester Credits		6	

SUMMER SEMESTER II

Course	Term	Credits	Milestones/Progress Check
FORD 2380 Diesel Engine Performance	OD	2	
FORD 2951 Cooperative Work Experience/Seminar IV	OD	2	
Semester Credits		4	
Total		65	