AUTOMOTIVE SERVICES TECHNICIAN (CERTIFICATE)

Catalog Effective Term: Fall 2024
Program Code: CTASVT
Credential: Certificate
High Demand Occupation, High Skill Occupation, High Wage Occupation

This program prepares students for employment as a certified automotive technician. Students will diagnose and repair malfunctions in automobile engines, suspensions and steering systems, brakes, electrical and electronic systems and engine drivability issues. This program also offers opportunities to explore vehicle performance, diesel, alternative fuel vehicles, hybrid vehicles and to participate in the building of performance vehicles. The program prepares the student for the State of Michigan Mechanic Certification tests as well as the National Institute for Automotive Service Excellence (ASE) Certification Exams.

Articulation

Eastern Michigan University, several BS degrees

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: http://www.wccnet.edu/learn/transfer-wcc-credits/articulation-agreements.php.

Minimum Credits Required for the Program: 30

Code	Title	Credits
Major/Area Requirements		
ASV 130	Automotive Maintenance	4
ASV 131	Automotive Electrical	4
ASV 132	Automotive Engines	4
ASV 133	Automotive Fuel Systems	4
ASV 134	Automotive Transmissions	4
ASV 254	Suspension and Steering	2
ASV 255	Brakes	2
ASV 256	Electrical and Electronic Systems	4
Restricted Elective(s)		
Select one of the following:		2
ABR 111	Introduction to Auto Body Repair	
ABR 114	Applied Auto Body Welding	
ASV 135	Facility Operations	
ASV 174	ASV Co-op Education I	
ASV 257	Heating and Air Conditioning Systems	
ASV 266	Advanced Transmissions	
ASV 274	ASV Co-op Education II	
ASV 277	Automotive Powertrain Systems	
ASV 279	Automotive Dynamometer and Test	
CSS 200	Introduction to Network Security - Security +	
CSS 205	Essentials of Network Penetration Testing	
CSS 285	Essentials of Automotive Penetration Testing	
CST 185	Local and Mobile Networking Essentials	
MST 110	Motorcycle Service Technology I	
Total Credits		**30**