

AUTOMOTIVE TEST TECHNICIAN (AAS)

Catalog Effective Term: Fall 2024

Program Code: APATT

Credential: Associate in Applied Science

In this program, students will be introduced to the test and data acquisition processes used in automotive testing. Students will learn to assemble and disassemble components for automotive testing. Diagnosis, maintenance and proper operation of complex data acquisition equipment are essential. Students will learn to monitor and calibrate testing instruments. Job possibilities include working in a crash lab or other testing facility.

Minimum Credits Required for the Program: 60

Full-Time Students

Course	Title	Credits
First Semester		
ASV 130	Automotive Maintenance	4
ASV 131	Automotive Electrical	4
CST 185	Local and Mobile Networking Essentials	4
Writing Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#writing)		3
Credits		15
Second Semester		
ASV 256	Electrical and Electronic Systems	4
CSS 285	Essentials of Automotive Penetration Testing	4
Math Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#math)		3
Speech/Comp. Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#writing)		3
Credits		14
Third Semester		
ASV 258	Engine Drivability	2
ASV 277	Automotive Powertrain Systems	4
MST 220	Dynamometer Operations	4
Nat. Sci. Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#naturalsci)		3
Soc. Sci. Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#socbehavsci)		3
Credits		16
Fourth Semester		
ABR 201	Lightweighting Composite Repair	4
MST 225	Advanced Dynamometer Tuning Systems	4
Arts/Human. Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#arthuma)		3
APATT Restricted Elective(s) (p. 1)		4
Credits		15
Total Credits		60

Part-Time Students

Course	Title	Credits
First Semester		
ASV 130	Automotive Maintenance	4
ASV 131	Automotive Electrical	4
Credits		8
Second Semester		
ABR 201	Lightweighting Composite Repair	4
ASV 256	Electrical and Electronic Systems	4
Credits		8
Third Semester		
Soc. Sci. Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#socbehavsci)		3
Writing Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#writing)		3
Credits		6
Fourth Semester		
CST 185	Local and Mobile Networking Essentials	4
Math Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#math)		3
Credits		7
Fifth Semester		
CSS 285	Essentials of Automotive Penetration Testing	4
APATT Restricted Elective(s) (p. 1)		4
Credits		8
Sixth Semester		
Nat. Sci. Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#naturalsci)		3
Speech/Comp. Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#writing)		3
Credits		6
Seventh Semester		
ASV 277	Automotive Powertrain Systems	4
MST 220	Dynamometer Operations	4
Credits		8
Eighth Semester		
ASV 258	Engine Drivability	2
MST 225	Advanced Dynamometer Tuning Systems	4
Credits		6
Ninth Semester		
Arts/Human. Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#arthuma)		3
Credits		3
Total Credits		60
APATT Restricted Electives		
Code	Title	Credits
ABR 111	Introduction to Auto Body Repair	4
ASV 134	Automotive Transmissions	4
ASV 135	Facility Operations	3
ASV 174	ASV Co-op Education I	1-3

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ASV 257	Heating and Air Conditioning Systems	2
ASV 274	ASV Co-op Education II	1-3
ASV 279	Automotive Dynamometer and Test	4
CSS 200	Introduction to Network Security - Security +	4
CSS 205	Essentials of Network Penetration Testing	4
MST 110	Motorcycle Service Technology I	4