

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

## Part-Time Students

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