

## Automotive Technology

### Associate of Applied Science, 68-71 Credit Hours, 18-Month Program

The Automotive Technology program will provide education in most types of vehicles.

Course	No.	Course Title	Credits
<b>General Education Requirements</b>			
CIS	105	MICROCOMPUTER SOFTWARE APPLICATIONS I	3
ENGL	106	WORKPLACE COMMUNICATIONS I*	3
MATH	100	ELEMENTARY ALGEBRA** <i>or higher</i>	3
PSYC	103	HUMAN RELATIONS IN THE WORKPLACE	3
SOC	100	INTRODUCTION TO SOCIOLOGY	3
<b>Total</b>			<b>15</b>
<b>Technical Requirements</b>			
AT	101	UNDER-CAR DIAGNOSTICS	3
AT	105	UNDER-CAR DIAGNOSTICS LAB	5
AT	110	AUTOMOTIVE TECHNOLOGY HVAC	3
AT	115	ENGINE CONSTRUCTION AND OPERATION	3
AT	121	INTRODUCTION TO HYBRIDS	1
AT	125	LIGHT DUTY DRIVETRAINS	4
AT	130	LIGHT DUTY DRIVETRAINS LAB	6
AT	210	VEHICLE ELECTRICITY AND ELECTRONIC SYSTEMS	4
AT	220	VEHICLE ELECTRICITY AND ELECTRONIC SYSTEMS LAB	6
AT	222	CHASSIS WIRING	1
AT	230	ENGINE PERFORMANCE	4
AT	235	ENGINE PERFORMANCE LAB	6
AT	240	ENGINE OVERHAUL	4
AT	250	SHOP AND PARTS MANAGEMENT	1
INT	299	INTERNSHIP (OPTIONAL)	3
WDM	100	WELDING AND FABRICATION FOR GENERAL APPLICATIONS	2
<b>Total</b>			<b>53-56</b>

\*Prerequisite: Acceptable ACCUPLACER score or Basic Writing.

\*\*Prerequisite: Acceptable ACCUPLACER score or Basic Math.

Semester breakdown on next page

2018-2019 Academic Catalog – 3/2018

## Semester Breakdown

<b>First Semester</b>			<b>Second Semester</b>		
		<b>CR</b>			<b>CR</b>
AT 101	Under-Car Diagnostics	3	AT 121	Introduction to Hybrids	1
AT 105	Under-Car Diagnostics Lab	5	AT 125	Light Duty Drivetrains	4
AT 110	Automotive Technology HVAC	3	AT 130	Light Duty Drivetrains Lab	6
CIS 105	Microcomputer Software Applications I	3	WDM 100	Welding and Fabrication for General Applications	2
ENGL 106	Workplace Communications I	3	MATH 100	Elementary Algebra <i>or higher</i>	3
<b>Total Credit Hours</b>		<b>17</b>	<b>Total Credit Hours</b>		<b>16</b>
<b>Third Semester</b>			<b>Fourth Semester</b>		
		<b>CR</b>			<b>CR</b>
AT 115	Engine Construction and Operation	3	AT 230	Engine Performance	4
AT 210	Vehicle Electricity and Electronic Systems	4	AT 234	Engine Performance Lab	6
AT 220	Vehicle Electricity and Electronic Systems Lab	6	AT 240	Engine Overhaul	4
AT 222	Chassis Wiring	1	AT 250	Shop and Parts Management	1
SOC 100	Introduction to Sociology	3	INT 299	Internship <i>optional</i>	3
			PSYC 103	Human Relations in the Workplace	3
<b>Total Credit Hours</b>		<b>17</b>	<b>Total Credit Hours</b>		<b>18-21</b>

If you are or have been convicted, pleaded guilty or no contest to, or received a suspended imposition of sentence for a felony or certain misdemeanors, you are advised that you may not be able to complete all course requirements for your chosen program, you may be prevented from taking required certification/licensure examinations in your chosen program field, and you may be prevented from gaining employment in your program field.