

# AUTOMOTIVE TECHNOLOGY

## Automotive Technology Associate in Science Degree

Required Core Courses: 35 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
<b>FIRST YEAR</b>		Even	Odd
AT 25	Tune-Up	3	
AT 26	Manual Transmissions and Rear Axles	3	
AT 30	Chassis Electrical		3
AT 32	Air Conditioning and Accessories		2
AT 36	General Automotive Lab		2
AT 37	Automotive Machine	3	
AT 38	Engine Balancing		2
	Required Electives Requirement	3	0
	General Education Requirement	3	6
	<b>Total</b>	<b>15</b>	<b>15</b>
<b>SECOND YEAR</b>		Odd	Even
AT 21	Engine Repair	4	
AT 23	Fuel Injection/Carburetion Systems		3
AT 24	Engine Electrical	3	
AT 27	Steering and Suspension		2
AT 28	Automotive Brakes	2	
AT 33	Automatic Transmissions		3
	Required Electives Requirement	0	4
	General Education Requirement	6	3
	<b>Total</b>	<b>15</b>	<b>15</b>

**Required Electives:** 7 units

Any Automotive Technology courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

**General Education Requirements:** 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

**General Mechanic**  
**Certificate of Achievement**

Required Core Courses: 35 units

Total Units: 42 units

<b>Course Number</b>	<b>Course Title</b>	<b>Fall</b>	<b>Spring</b>
<b>FIRST YEAR</b>		<b>Even</b>	<b>Odd</b>
AT 25	Tune-Up	3	
AT 26	Manual Transmissions and Rear Axles	3	
AT 30	Chassis Electrical		3
AT 32	Air Conditioning and Accessories		2
AT 36	General Automotive Lab		2
AT 37	Automotive Machine	3	
AT 38	Engine Balancing		2
	Required Electives Requirement	3	0
	<b>Total</b>	<b>12</b>	<b>9</b>
<b>SECOND YEAR</b>		<b>Odd</b>	<b>Even</b>
AT 21	Engine Repair	4	
AT 23	Fuel Injection/Carburetion Systems		3
AT 24	Engine Electrical	3	
AT 27	Steering and Suspension		2
AT 28	Automotive Brakes	2	
AT 33	Automatic Transmissions		3
	Required Electives Requirement	0	4
	<b>Total</b>	<b>9</b>	<b>12</b>

**Required Electives:** 7 units

Any Automotive Technology courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

**Automotive Tune-Up**  
**Certificate of Achievement**

Required Core Courses: 16 units

Total Units: 29 units

<b>Course Number</b>	<b>Course Title</b>	<b>Fall</b>	<b>Spring</b>
<b>FIRST YEAR</b>		<b>Even</b>	<b>Odd</b>
AT 25	Tune-Up	3	
AT 30	Chassis Electrical		3
	Required Electives Requirement	3	3
	<b>Total</b>	<b>6</b>	<b>6</b>
<b>SECOND YEAR</b>		<b>Odd</b>	<b>Even</b>
AT 21	Engine Repair	4	
AT 23	Fuel Injection/Carburetion Systems		3
AT 24	Engine Electrical	3	
	Required Electives Requirement	3	4
	<b>Total</b>	<b>10</b>	<b>7</b>

Required Electives: 13 units

The student may select any combination of courses from the following listing to satisfy this requirement.

<b>Course Number</b>	<b>Course Title</b>	<b>Fall</b>	<b>Spring</b>
<b>Required Electives</b>		<b>Even</b>	<b>Odd</b>
AT 20	Basic Auto	3	
AT 26	Manual Transmissions and Rear Axles	3	
AT 27	Steering and Suspension		2
AT 28	Automotive Brakes	2	
AT 32	Air Conditioning and Accessories		2
AT 33	Automatic Transmissions		3
AT 36	General Automotive Lab		2

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