

# AUTOMOTIVE TECHNOLOGY, ONE-YEAR CERTIFICATE

## Program Description

The Automotive Technology program provides quality education and hands-on training to prepare students for successful entry into the Automotive Technology career field. The program prepares students to further their education, for those wishing to obtain a higher degree.

## Program Outcomes

Students who successfully complete the Automotive Technology Certificate will:

1. Apply fundamentals of automotive service training, including the basics of automotive diagnostics, repair, pre-delivery inspection, and warranty repair procedure.
2. Diagnose, service, and repair automotive internal combustion engines
3. Diagnose, service, and repair automotive brake, steering, suspension systems and handling concerns.
4. Diagnose, service, and repair automotive drive trains

## Career Considerations

The Automotive Technology Certificate will provide training in the skills needed for an entry-level position as a technician in most automotive dealerships and repair shops.

## Program Course Requirements

Course	Title	Credits
<b>First Year</b>		
<b>First Term</b>		
AUT 100A	Intro to Automotive Tech I	2
AUT 100B	Intro to Automotive Tech II	4
AUT 116	Electrical I	6
<b>Credits</b>		<b>12</b>
<b>Second Term</b>		
AUT 111	Engine Repair and Maintenance	6
AUT 113	Drive Trains	6
<b>Credits</b>		<b>12</b>
<b>Third Term</b>		
AUT 114	Suspension and Steering	6
AUT 115	Braking Systems	6
CWE 180	Intro to Work Experience <sup>1</sup>	3
<b>Credits</b>		<b>15</b>
<b>Total Minimum Credits</b>		<b>39</b>

<sup>1</sup> CWE experiences are strongly recommended. If a student is unable to complete a CWE, they should see their instructor for a substitution.

## Advising Notes:

- Successful students from Career Academy Automotive will have AUT 100A and AUT 111 and will not need to retake.
- Students will need to have completed AUT100A or be currently enrolled in AUT 100A (available thru independent study each term) to enroll in other automotive courses.