

# CERTIFICATE IN AUTOMOBILE DIAGNOSTIC TECHNICIAN

The courses listed in the Automotive Service, Diagnosis and Repair - Master Technician certificate meet the National Automotive Technicians' Education Foundation Standards and are selected to provide a comprehensive set of job skills needed in the automotive industry. In addition to improving the student's employability, the skills developed in the program will enhance their ability to become an Automotive Service Excellence (ASE) Master Technician. The certificate is designed to prepare an individual for employment or provide the skills needed for career advancement in the automotive industry.

## Learning Outcomes

### Certificate of Achievement Level Student Learning Outcomes

Students completing the Automobile Diagnostic Technician Certificate of Achievement will:

1. Verify the customer's vehicle complaint, diagnose the failure or find the vehicle operating as designed, estimate the labor and parts cost, and make a clear needs/recommendations statement on the repair order citing both complaint and cause. In addition, once the student receives authorization, the student will service and/or repair the vehicle to industry standards, verify the repair has corrected the customer's complaint and document the remedy within the "customer pay" labor time available in Mitchell, ALLDATA or other approved labor estimating manual.

## Requirements

Code	Title	Units
<b>Select one (1) of the following options:</b>		
AUTO 101	Fundamentals of Automotive Service, Diagnosis and Repair	6
AUTO 101A & AUTO 101B	Fundamentals of Automotive Service, Diagnosis and Repair Part 1 and Fundamentals of Automotive Service, Diagnosis and Repair Part 2	6
<b>Required courses:</b>		
AUTO 151	Engine Service, Diagnosis and Repair	6
AUTO 154	Chassis Service, Diagnosis, and Repair	9
AUTO 156	Automotive Electrical & Electronic Systems I	6.5
AUTO 163	Manual Drivetrain	4.5
AUTO 166	Automotive Electrical & Electronic Systems II	4
AUTO 167	Automotive HVAC Service, Diagnosis & Repair	4.5

Code	Title	Units
AUTO 168	Engine Control Systems Service, Diagnosis and Repair	8.5
AUTO 172	Automatic Transmissions and Transaxles	6
<b>Select four (4) units of the following cooperative education courses:</b>		
AUTO 230A	Automotive Service and Repair Work Experience A	1
AUTO 230B	Automotive Service and Repair Work Experience B	2
AUTO 230C	Automotive Service and Repair Work Experience C	3
AUTO 230D	Automotive Service and Repair Work Experience D	4
<b>Total Units</b>		<b>59</b>

## Curriculum Map

### 1-Year Curriculum Map Example

This map represents one possible pathway through the program and is only for reference.

\*It is highly recommended that you make an appointment (<https://www.citruscollege.edu/stdntsrvcounsel/Pages/ApptSchedule.aspx>) to create a customized education plan that fits your needs.

<b>First Year</b>		
<b>Fall Term 1</b>		
AUTO 151	Engine Service, Diagnosis and Repair	6
AUTO 156	Automotive Electrical & Electronic Systems I	6.5
Completion of AUTO 101 in summer		
<b>Units</b>		<b>12.5</b>
<b>Winter Term 1</b>		
AUTO 166	Automotive Electrical & Electronic Systems II	4
<b>Units</b>		<b>4</b>
<b>Spring Term 1</b>		
AUTO 154	Chassis Service, Diagnosis, and Repair	9
AUTO 167	Automotive HVAC Service, Diagnosis & Repair	4.5
<b>Units</b>		<b>13.5</b>
<b>Summer Term 1</b>		
AUTO 163	Manual Drivetrain	4.5
<b>Units</b>		<b>4.5</b>
<b>Second Year</b>		
<b>Fall Term 2</b>		
AUTO 168	Engine Control Systems Service, Diagnosis and Repair	8.5
AUTO 172	Automatic Transmissions and Transaxles	6
<b>Units</b>		<b>14.5</b>
<b>Spring Term 2</b>		
AUTO 230D	Automotive Service and Repair Work Experience D	4
<b>Units</b>		<b>4</b>
<b>Total Units</b>		<b>53</b>

## Career Information

### Career Opportunities

There are a variety of careers you can do with this major.

To explore more about this major, schedule an appointment (<https://www.citruscollege.edu/stdntsrv/ctcenter/Pages/ApptSchedule.aspx>) with a career counselor.

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