CERTIFICATE IN AUTOMOTIVE SERVICE, DIAGNOSIS AND REPAIR - UNDERCAR DRIVETRAIN SPECIALIST

The courses listed in the Undercar/Drivetrain Specialist certificate are selected to provide a comprehensive set of job skills needed for a technician specializing in undercar/drivetrain service, diagnosis and repair. In addition to improving the student's employability, the skills developed in each course will enhance their ability to become Automotive Service Excellence (ASE) A2, A3, A4 and A5 certified. 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 Automotive Service, Diagnosis, and Repair – Undercar/Drivetrain Specialist Certificate of Achievement will:

1. Given any chassis or drivetrain related complaint: verify the customer's 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
Required courses:		
AUTO 101	Fundamentals of Automotive Service, Diagnosis and Repair	6
AUTO 154	Chassis Service, Diagnosis, and Repair	9
AUTO 156	Automotive Electrical & Electronic Systems I	6
AUTO 163	Manual Drivetrain	4.5
AUTO 172	Automatic Transmissions and Transaxles	6
Total Units		**31.5**

Curriculum Map

1.5-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/stdntsrv/counsel/Pages/ApptSchedule.aspx) to create a customized education plan that fits your needs.

Course	Title	Units
Fall Term 1		
AUTO 156	Automotive Electrical & Electronic Systems I	6
Completion of AUTO 101 in summer		
	Units	**6**
Winter Term 1		
AUTO 166	Automotive Electrical & Electronic Systems II	4
	Units	**4**
Spring Term 1		
AUTO 154	Chassis Service, Diagnosis, and Repair	9
	Units	**9**
Summer Term 1		
AUTO 163	Manual Drivetrain	4.5
	Units	**4.5**
Fall Term 2		
AUTO 172	Automatic Transmissions and Transaxles	6
	Units	**6**
	Total Units	**29.5**

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.