

## DEGREES & CERTIFICATES

### AUTOMOTIVE MECHANICAL CERTIFICATE OF ACHIEVEMENT (CA)

#### About the Program

The Automotive Mechanical Certificate of Achievement can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. This program focuses on the mechanical side of the automobile. Students who would like to gain employment at aftermarket shops could take this program and excel in a shop that services many types of vehicles from multiple manufacturers. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

#### Program Goals and Objectives

This program is CTE focused and will help students attain a job-ready state to gain employment in the Automotive industry.

#### Career Opportunities

Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

#### Program Outcomes

- Upon completion of the Certificate of Achievement in Automotive Mechanical, students are able to diagnose engine mechanical issues.
- Upon completion of the Certificate of Achievement in Automotive Mechanical, students are able to measure engine components and compare to specifications.
- Upon completion of the Certificate of Achievement in Automotive Mechanical, students are able to tear down, inspect and reassemble engines.

#### Learning and Career Pathway Maps

[View LPC Program Map](#)

#### Required Core: (19 Units)

AUTO LABA Automotive Lab.....	2
AUTO A1 Engine Repair.....	4
AUTO A2 Automatic Transmission/Transaxle.....	4
AUTO A3 Manual Drive Train and Axles.....	4
AUTO A6 Electrical/Electronic Systems.....	5

#### List A: Select One (4 Units)

AUTO INTR Automotive Service and Introduction.....	4
AUTO INTL Automotive Service and Introduction Hands-On Lab and .....	2
AUTO INTZ Automotive Service and Introduction Lecture.....	2