



Automotive Master - Certificate of Achievement

1. Statement of Program Goals and Objectives

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

2. Catalog Description

The LPC Automotive Master Certificate can provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

3. Program Requirements

| Course | Title | Units | Term |
|--------|-------|-------|------|
|--------|-------|-------|------|

Required Core: (65.5 Units)

| | | | |
|-----------|---|-----|-----|
| AUTO A1 | Engine Repair | 1st | 4.0 |
| AUTO A2 | Automatic Transmission/Transaxle | 1st | 4.0 |
| AUTO A3 | Manual Drive Train and Axles | 1st | 4.0 |
| AUTO A4 | Suspension and Steering | 2nd | 4.0 |
| AUTO A5 | Brakes | 2nd | 4.0 |
| AUTO A6 | Electrical/Electronic Systems | 2nd | 5.0 |
| AUTO A7 | Automotive Heating and Air Conditioning | 3rd | 4.0 |
| AUTO A8 | Engine Performance | 3rd | 5.0 |
| AUTO A9 | Light Vehicle Diesel Engines | 3rd | 4.0 |
| AUTO INT | Introduction to Automotive | 1st | 2.0 |
| AUTO INTL | Introduction to Automotive Hands-On Lab | 1st | 2.0 |
| AUTO LABA | Beginning Automotive Lab | 1st | 2.0 |
| AUTO LABB | Advanced Automotive Lab | 2nd | 2.0 |
| AUTO L1 | Advanced Engine Performance | 4th | 5.0 |
| AUTO L3 | Light Duty Hybrid/Electric Vehicles | 4th | 4.0 |
| AUTO SDR | Specified Diagnostic and Repair | 5th | 5.0 |
| AUTO SMOG | Smog Level One and Level Two | 4th | 5.5 |

Total: 65.5

4. Career Opportunities

Career opportunities include

Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel