# ENTRY LEVEL AUTOMOTIVE SERVICE TECHNOLOGY, CERTIFICATE

The Entry Level Automotive Service Technology Certificate is designed to prepare students for an entry-level career in the automotive field. Students will learn foundational knowledge and skills in order to diagnose, service, and maintain today's sophisticated vehicles. Upon successful completion of the program students will be prepared to take several of the Automotive Service Excellence (ASE) Tests. The Automotive Service Technology Program is accredited by the Automotive Service Excellence Education Foundation (ASEEF).

For more information about Automotive Service Technology, please visit the program page (http://www.cod.edu/automotive/).

## Certificate Requirements

**Field of Study Code: AUTO.CER.ENTRY**

| Code | Title | Credits |
|------|-------|---------|
| **Program Requirements** | | |
| AUTO 1110 | Engine Design and Operation | 3 |
| AUTO 1120 | Manual Drive Train and Axles | 3 |
| AUTO 1131 | Automotive Electrical I | 3 |
| AUTO 1140 | Suspension, Steering and Alignment | 3 |
| AUTO 1232 | Automotive Electrical II | 3 |
| AUTO 1240 | Braking Systems | 3 |
| AUTO 1250 | Automotive Air Conditioning and Heating | 3 |
| AUTO 1261 | Engine Controls & Emissions I | 3 |
| AUTO 2120 | Automatic Transmission | 3 |
| AUTO 2280 | Automotive Service | 6 |
| **Program Electives** | | |
| Select one or more credits from the following courses. | | 1 |
| AUTO 1040 | Automotive for Non-Majors | |
| AUTO 1840 | Independent Study | |
| AUTO 2345 | Automotive Hybrid Technology | |
| AUTO 2364 | Automotive ScanTool Usage & Exploration | |
| AUTO 2365 | Intro to Diesel Fuel Systems & Emissions | |
| AUTO 2840 | Experimental/Pilot Class | |
| AUTO 2860 | Internship (Career & Technical Ed) | |
| WELD 1100 | Welding I | |
| **Total Credits** | | **34** |