

Automotive Career Education PLAN



**GET YOUR AUTOMOTIVE CAREER
IN GEAR AND MAKE A PLAN FOR
THE FUTURE**

Cerritos College
Automotive Technology
Phone: (562) 860-2451 ♦ Ext. 3084
www.cerritos.edu/auto

Automotive Career Education Plan

Student Information

Name: Student Name

Address: 11110 Alondra Blvd.

City: Norwalk

State: CA

Zip: 90650

Phone: (562) 860-2451

E-mail: student@cerritos.edu

Career and Educational Goal

- Get an A.A. Degree and certifications in the automotive field
- Transfer to a 4 year college for a Bachelor's Degree (B.A.)
- Become an ASE certified Master Technician within 4 years
- Work as a technician for a reputable independent shop or dealership with hopes of going into service management and eventually opening my own shop

Classes Needed for Certification

GENERAL TECHNICIAN

| | | |
|----------|--|---|
| AUTO 110 | Automotive Engines | 5 |
| AUTO 120 | Automatic Transmissions and Transaxles | 5 |
| AUTO 130 | Manual Drivetrain and Axles | 5 |
| AUTO 140 | Automotive Steering and Suspension | 5 |
| AUTO 150 | Automotive Brakes | 5 |
| AUTO 160 | Introduction Automotive Electrical | 5 |
| AUTO 170 | Automotive Air Conditioning | 4 |
| AUTO 180 | Electronic Engine Management Systems | 5 |

39 Units

Plan to Get There

AUTO 110 – 1st Fall Semester

AUTO 120 – 2nd Spring Semester

AUTO 130 – 2nd Fall Semester

AUTO 140 – 1st Spring Semester

AUTO 150 – 1st Fall Semester

AUTO 160 – 1st Spring Semester

AUTO 170 – 2nd Spring Semester

AUTO 180 – 2nd Fall Semester

Automotive Career Education Plan

Student Information

Name: _____

Address: _____

City: _____

State: _____

Zip: _____

Phone: () _____

E-mail: _____

Career and Educational Goal

-
- _____
- _____
- _____
- _____

Classes Needed for Certification

List Classes:

[illegible]

Plan to Get There

Class

Semester

[illegible]



**AUTOMOTIVE TECHNOLOGY
CERTIFICATES OF ACHIEVEMENT**

ENTRY LEVEL QUICK SERVICE TECHNICIAN

| | | |
|---------------------------------------|--------------------------------------|-----------|
| AUTO 100 | Automotive Maintenance and Operation | 4 |
| AUTO 140 | Automotive Steering and Suspension | 5 |
| AUTO 150 | Automotive Brakes | 5 |
| AUTO 160 | Introduction Automotive Electrical | 5 |
| | | — |
| TOTAL CERTIFICATE REQUIREMENTS | | 19 |

FLEET TECHNICIAN

| | | |
|---------------------------------------|---------------------------------------|-----------|
| AUTO 101 | Automotive Tools and Equipment | 4 |
| AUTO 105 | Hydraulics and Pneumatics | 2 |
| AUTO 155 | Medium/Heavy Duty Brake Systems | 2 |
| AUTO 160 | Introduction to Automotive Electrical | 5 |
| AUTO 183 | Compressed Natural Gas Engines | 4 |
| | | — |
| TOTAL CERTIFICATE REQUIREMENTS | | 17 |

INDUSTRIAL VEHICLE TECHNICIAN

| | | |
|---------------------------------------|---------------------------------------|-------------|
| AUTO 101 | Auto Service Tools & Equipment | 4 |
| AUTO 103 | High Voltage Vehicles | 3 |
| AUTO 105 | Hydraulics and Pneumatics | 2 |
| AUTO 160 | Introduction to Automotive Electrical | 5 |
| AUTO 182 | Introduction to Alternative Fuel | 3.5 |
| | | — |
| TOTAL CERTIFICATE REQUIREMENTS | | 17.5 |

INTERMEDIATE LEVEL TECHNICIAN

| | | |
|---------------------------------------|--|-----------|
| AUTO 110 | Automotive Engines | 5 |
| AUTO 120 | Automatic Transmissions and Transaxles | 5 |
| AUTO 130 | Manual Drivetrain and Axles | 1 |
| AUTO 265 | Advanced Automotive Electrical | 5 |
| | | — |
| TOTAL CERTIFICATE REQUIREMENTS | | 16 |

GENERAL TECHNICIAN

| | | |
|---------------------------------------|--|-----------|
| AUTO 110 | Automotive Engines | 5 |
| AUTO 120 | Automatic Transmissions and Transaxles | 5 |
| AUTO 130 | Manual Drivetrain and Axles | 5 |
| AUTO 140 | Automotive Steering and Suspension | 5 |
| AUTO 150 | Automotive Brakes | 5 |
| AUTO 160 | Introduction Automotive Electrical | 5 |
| AUTO 170 | Automotive Air Conditioning | 4 |
| AUTO 180 | Electronic Engine Management Systems | 5 |
| | | — |
| TOTAL CERTIFICATE REQUIREMENTS | | 39 |

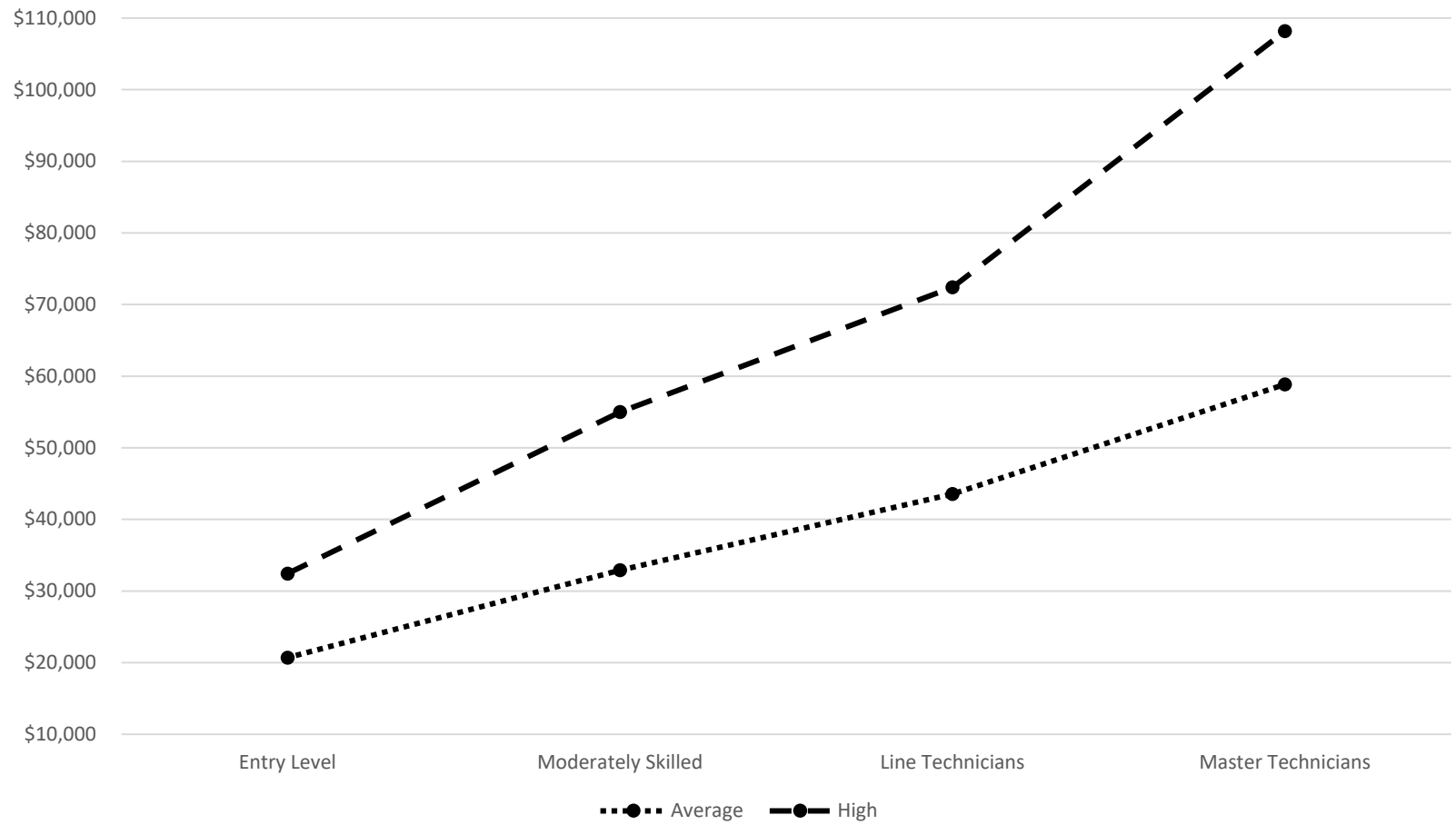
ALTERNATIVE FUELS SERVICE TECHNICIAN

| | | |
|---------------------------------------|---------------------------------------|-----------|
| AUTO 103 | High Voltage Vehicles | 3 |
| AUTO 108 | Energy and Transportation Systems | 4 |
| AUTO 160 | Introduction to Automotive Electrical | 5 |
| AUTO 260 | Intermediate Automotive Electrical | 4 |
| AUTO 265 | Advanced Automotive Electrical | 1 |
| | | — |
| TOTAL CERTIFICATE REQUIREMENTS | | 17 |

ELECTRICAL/DIAGNOSIS TECHNICIAN

| | | |
|---------------------------------------|---------------------------------------|-----------|
| AUTO 160 | Introduction to Automotive Electrical | 5 |
| AUTO 170 | Automotive Air Conditioning | 4 |
| AUTO 180 | Electronic Engine Management Systems | 5 |
| AUTO 260 | Intermediate Automotive Electrical | 4 |
| AUTO 265 | Advanced Automotive Electrical | 1 |
| AUTO 280 | Diagnostic Engine Performance | 4 |
| | | — |
| TOTAL CERTIFICATE REQUIREMENTS | | 23 |

WHAT DO TECHNICIANS EARN?



AUTOMOTIVE MECHANICAL REPAIR COURSES

| Course | Course Name | Fall | Spring | Summer |
|----------|---|-------------------------------------|-------------------------------------|-------------------------------------|
| Auto 100 | Maintenance and Operation | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Auto 101 | Auto Service Tools & Equipment | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 103 | High Voltage Vehicles | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 105 | Hydraulics and Pneumatics | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Auto 107 | Diesel Exhaust Emission Control and Servicing | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 108 | Energy and Transportation Systems | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 109 | Automotive Diesel Systems | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Auto 110 | Automotive Engines | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 120 | Automatic Transmissions/Transaxles | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 130 | Manual Drive Train and Axles | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 140 | Automotive Steering and Suspension | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 150 | Automotive Brakes | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 155 | Medium/Heavy Duty Brake Systems | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 160 | Automotive Electrical | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 170 | Automotive Air Conditioning | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 180 | Electronic Engine Management Systems (Fuel Sys) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Auto 182 | Intro to Alternative Fuels | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 183 | Compressed Natural Gas Engines | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 260 | Advanced Electrical Systems (was Body Electrical) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Auto 265 | Advanced Automotive Electrical | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Auto 280 | Diagnostic Engine Performance | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

***The above classes are offered in the semesters shown (x). However, the Department reserves the right to change the schedule without prior notice.**