

CERTIFICATE OF ACHIEVEMENT
2018-2019
AUTOMOTIVE TECHNOLOGY, ADVANCED AUTOMOTIVE TRAINING

This certificate certifies successful completion of all Basic Skills, Chassis/Drivetrain, and Electrical/Engine Performance coursework. Meets and/or exceeds CA State Automotive Apprenticeship training requirements. Students must complete each course with a grade of "C" or better to be awarded the Certificate in Automotive Technology.

Program Learning Outcomes:

- Demonstrate knowledge of theory, operation, fault validation, appropriate choice and execution of diagnostic methods, safe and environmentally sensitive practices, and efficient work habits of the following systems in a production environment.
- Validate service and/or repair success, ensure customer satisfaction, document service/repair information: Electrical Systems, Engine Performance, Vehicle Maintenance, Engine Service, Brake and Steering/Suspension Systems, Powertrain Systems, Climate Control, and Emission Control Systems

AUTO	102	Automotive Systems	3.5
AUTO	103	Light Line Technician	2.0
AUTO	105	Suspension, Steering, and Alignment	3.0
AUTO	106	Automotive Brake Systems	2.0
AUTO	107	Valve Train	2.0
AUTO	118	Fuel Systems/Emission Controls	3.0
AUTO	119	Introduction to Engine Performance	2.5
AUTO	120	Automatic Transmission Systems	2.5
AUTO	121	Manual Transmission and Drivetrain Systems	2.0
AUTO	122	Advanced Electrical Systems	3.0
AUTO	125	Automotive Electronics	2.0
AUTO	127	Ignition Systems	3.0
AUTO	129	DSO, GDMM, Scan Tool Diagnosis	1.5
AUTO	133	Computerized Engine Management	2.5
AUTO	135	Air Conditioning Systems	2.0
AUTO	138	Occupational Work Experience	1.0
AUTO	141*	Clean Air Car Course	5.0
AUTO	170	Electrical Systems	3.0
AUTO	171	Engine Systems	2.5
AUTO	172	Chassis/Drivetrain Systems	2.5
AUTO	173	Automotive Service Operations	2.0
AUTO	174	Body & Chassis Electronics	2.0
AUTO	181A	Introduction to Alternative Fuel and Hybrid/Electric Vehicles	2.0
AUTO	181B	Hybrid/Electric Vehicle Maintenance and Repair	3.0
AUTO	202	Bugged Vehicle Diagnosis	<u>1.5</u>
		Total units	61.0

*California Apprenticeship requires a grade of "B" or better for this course.