

CERTIFICATE OF ACHIEVEMENT

ADVANCED ENGINE PERFORMANCE

The courses listed in the certificate of achievement comprise a comprehensive list of job skills needed to work in the specialized field of automotive advanced engine performance diagnostics. The skills developed during lecture and lab will enhance the students' ability to complete the industry-recognized Automotive Service Excellence (ASE) Certification Tests A6 (Electrical/Electronic Systems), A8 (Engine Performance), and L1 (Advanced Engine Performance). The certificate is designed to prepare students for entry-level employment as an automotive engine performance diagnostic technician.

To acquire the **Certificate of Achievement in Advanced Engine Performance**, it is necessary to complete the following courses with a grade of "C" or better:

Required Courses		Units	N	IP	C
AUTO 065	Smog Technician Diagnostic and Repair Procedures	3			
AUTO 101	Introduction to Automotive Service and Repair: Underhood Service	3			
AUTO 103	Introduction to Automotive Service and Repair: Undercar Service	3			
AUTO 106	Automotive Electrical Tools and Diagnostic Procedures	3			
AUTO 107	*Introduction to Automotive Light Service	3			
AUTO 115	*Computerized Engine Controls and Diagnostics	3			
AUTO 130	Level-I Smog Technician Training Course: Engine and Emission Control Fundamentals	3			
AUTO 135	Level-II Smog Technician Training Course: Smog Check Inspection Procedures	3			
AUTO 150	*Engine Electrical Systems	4			
AUTO 157	*Automotive Specialized Electronics Training	4			
AUTO 160	*Upper End Engine Rebuilding and Machining	4			
Total units needed for the Certificate of Achievement		36			
Units Completed					
*Prerequisite/Corequisite					