

# CERTIFICATE OF ACHIEVEMENT



## ADVANCED ENGINE PERFORMANCE

The courses listed in the Certificate of Achievement are comprised of 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 student's 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 an individual for entry-level employment as an Automotive Engine Performance Diagnostic Technician.

To acquire a **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 106	Automotive Electrical Tools and Diagnostic Procedures	3			
AUTO 110	*Introduction to Engine Diagnosis and Tune-Up	3			
AUTO 120	*Engine Tune-Up/Performance	4			
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 155	*Automotive On-Board Diagnostics Generations One and Two (OBD I & OBD II)	3			
AUTO 157	*Automotive Specialized Electronics Training	4			
<b><i>In addition, students must complete TWO of the following:</i></b>					
AUTO 115	*Computerized Engine Controls and Diagnostics	3			
AUTO 150	*Engine Electrical Systems	4			
AUTO 180	*Advanced Automotive Diagnostics Procedures and Practices	3			
AUTO 256	*Automotive Scantools and Vehicle Network Systems	3			
<b>Total units needed for the Certificate of Achievement</b>		<b>32 - 33</b>			
Units Completed					
*Prerequisite/Corequisite					