

**Eastern WV Community & Technical College
Master Course Record**

Course Prefix and Number: ATT 207
Course Title: Engine Performance II
Recommended Transcript Title: Engine Performance II
Date Approved/Revised: 2/16/09; 11/18/13; 09/21/15
Credit Hours: 4 Contact hours per week (Based on 15 week term): Lecture: 3 Lab: 3
Prerequisite: ATT 124 and ATT 126 or consent of instructor. Corequisite: Pre/Corequisite:
Grading Mode: Letter grade
Catalog Description: This course introduces students to technology necessary for diagnosis and repair of electronic systems that control engine performance and provides fundamentals of enhanced engine performance. Course includes diagnosis of electronic malfunctions and exhaust problems which impact engine performance. Course includes OBII and Mode 6 diagnostics.
Course Outcomes: Students will learn; <ul style="list-style-type: none"> • To utilize proper PPE during all work on automobiles • How to understand work order information and properly complete work orders • To follow all safety procedures and comply with appropriate regulations • To analyze engine concerns and determine a course of action to repair3 • To determine which part(s) are defective, if any • How to search for repair parts and place orders • Understand how all automobile systems function • To interpret results presented by electronic measuring instruments • Diagnose and replace higher level engine controls and computers
Implementation Cycle: Spring
Role in College Curriculum: (Check all that apply) <input type="checkbox"/> General Education Core (Specify category) <input checked="" type="checkbox"/> Technical Core: Automotive Technology <input type="checkbox"/> Restricted Elective (Specify category) <input type="checkbox"/> General Elective <input type="checkbox"/> Workforce Education <input type="checkbox"/> Other (Please specify)
Course Fee: Yes
Instructor's Qualifications: BS Automotive Technology or related discipline and/or expertise and experience in the field.
Expanded Course Description:

Course Number & Title: ATT 207-Engine Performance II

Date Prepared: 02/13/09; 11/18/13; 03/16/15; 06/10/15

Submitted to LOT: 02/16/09; 11/18/13

Date Course Approved by LOT: 02/16/09; 11/18/13; 04/20/15; 09/21/15

Students learn advanced fundamentals of engine performance and diagnosis to include electronic controls, computers and networking. Students will perform diagnosis and repair of engine performance concerns involving mechanical, fuel, ignition, air induction and exhaust systems operations.

Prepared by:

Doug Swick, Faculty

03/16/15; 06/10/15

Approved Per LOT Minutes:

Dean, Academic and Student Services

Date