

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

<b>Course Prefix and Number: ATT 126</b>
<b>Course Title: Engine Performance I</b>
<b>Recommended Transcript Title: Engine Performance I</b>
<b>Date Approved/Revised: 11/14/08; 11/18/13; 09/21/15</b>
<b>Credit Hours: 4</b> <b>Contact hours per week (Based on 15 week term):</b> <b>Lecture: 3</b> <b>Lab: 3</b>
<b>Prerequisite:</b> <b>Corequisite:</b> <b>Pre/Corequisite:</b>
<b>Grading Mode: Letter grade</b>
<b>Catalog Description: This course introduces students to the fundamentals and technology necessary for diagnosis and repair of systems that control engine performance. This includes diagnosis of mechanical and electronic malfunctions, and exhaust problems which impact engine performance.</b>
<b>Course Outcomes:</b> <b>Students will learn:</b> <ul style="list-style-type: none"> <li>• <b>How to work safely on vehicles and proper use of PPE</b></li> <li>• <b>To evaluate engine systems to locate problem components</b></li> <li>• <b>Utilize all systems available to analyze engines</b></li> <li>• <b>How to search for vehicle information utilizing vehicle identification numbers and manuals</b></li> <li>• <b>How to optimize engine performances</b></li> <li>• <b>To perform testing on all systems determining faulty components</b></li> <li>• <b>To properly remove, inspect and reinstall all components</b></li> </ul>
<b>Implementation Cycle: Spring</b>
<b>Role in College Curriculum: (Check all that apply)</b> <input type="checkbox"/> <b>General Education Core (Specify category)</b> <input checked="" type="checkbox"/> <b>Technical Core: Automotive Technology</b> <input type="checkbox"/> <b>Restricted Elective (Specify category)</b> <input type="checkbox"/> <b>General Elective</b> <input type="checkbox"/> <b>Workforce Education</b> <input type="checkbox"/> <b>Other (Please specify)</b>
<b>Course Fee: Yes</b>
<b>Instructor's Qualifications: BS Automotive Technology or related discipline and/or expertise and experience in the field.</b>
<b>Expanded Course Description:</b> <b>This course introduces students to the fundamentals and technology necessary for diagnosis and repair of systems that control engine performance. This course includes diagnosis of mechanical and electronic malfunctions, and exhaust problems which impact engine performance.</b>

Course Number &amp; Title: ATT 126-Engine Performance I

Date Prepared: 11/11/08; 11/18/13; 03/16/15; 06/10/15

Submitted to LOT: 11/14/08; 11/18/13

Date Course Approved by LOT: 11/14/08; 11/18/13; 04/20/15; 09/21/15

Prepared by:

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Doug Swick, Faculty

03/16/15; 06/10/15

Approved Per LOT Minutes: 11/18/13

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Dean, Academic and Student Services

Date