

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

<b>Course Prefix and Number:</b> MTH 117L
<b>Course Title:</b> Math for Technicians Lab
<b>Recommended Transcript Title</b> (if over 40 characters)
<b>Date Approved/Revised:</b> 10-16-17; 9-17-18
<b>Credit Hours:</b> 2 <b>Contact hours per week (Based on 15 week term):</b> <b>Lecture:</b> <b>Lab:</b> 4
<b>Prerequisite:</b> This course is required for students with math ACT score less than 19; SAT math score less than 500; or ACCUPLACER Arithmetic score of less than 85. <b>Corequisite:</b> MTH 117 <b>Pre/Corequisite:</b>
<b>Grading Mode:</b> A, B, C, or NC
<b>Catalog Description:</b> This lab provides support and enhancement for students to be successful in MTH 117.
<b>Course Outcomes:</b> <ol style="list-style-type: none"> <li>1. Perform operations on real numbers</li> <li>2. Calculate and convert measurements</li> <li>3. Apply algebraic techniques to simplify expressions, solve equations, and evaluate formulas</li> <li>4. Apply geometric concepts to calculate angle measure, perimeter, area, volume, and surface area</li> <li>5. Use trigonometry to solve applied problems involving right and oblique triangles</li> </ol>
<b>Implementation Cycle:</b> Spring
<b>Role in College Curriculum: (Check all that apply)</b> <input type="checkbox"/> <b>General Education Core (Specify category)</b> <input type="checkbox"/> <b>Technical Core (Specify Program)</b> <input type="checkbox"/> <b>Restricted Elective (Specify Program)</b> <input type="checkbox"/> <b>General Elective</b> <input type="checkbox"/> <b>Workforce Education</b> <input checked="" type="checkbox"/> <b>Other (Please specify)</b> Co-requisite Support
<b>Course Fee:</b> None
<b>Instructor's Qualifications:</b> Bachelor's degree in math, engineering, or related field with relevant teaching experience.
<b>Expanded Course Description</b> This lab will provide students with the opportunity to work on assignments for MTH 117 with the support of an instructor. This course does not satisfy the requirements for a college-level math course.

Prepared by: Andrea Williams, Mathematics Faculty

10/5/17

Revised 8/1/18

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Name, Title

Date

Approved Per LOT Minutes

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Dean of Teaching and Learning

Date