

Eastern West Virginia Community and Technical College COURSE ASSESSMENT REPORT

Course Title and Number: College Math for General Education – MTH 121	Academic Term and Year of Assessment Activity Spring 2009
Report Submitted By: Sharon Gott	Course Delivery Format VDL, incorporated a web page for activities and class resources
Date Report Submitted:	Number of Students Assessed: 9
Faculty Participants Full-time Faculty: Adjunct Faculty: Marie VanMeter	Number of Sections Included: 1

Course Role in the Curriculum
Provide a description of the role the course serves in the curriculum (i.e. general education requirement, program technical core, restricted elective, etc.). Note all as appropriate.
This course fulfills the general education requirement in mathematics that require a 100-level mathematics course.

Assessment Methods
Provide a description of the assessment process used. Include description of instrument and performance standards in description. Note all methods.
The assessment process uses questions from the final exam. No multiple choice problems were selected. Two of the questions are application based and the other two are computational.

Assessment Results										
Provide a summary of results including tables/charts. Incorporate information from previous assessments as appropriate. Append additional pages if necessary. If appending, include notation in box to “See attached”.										
<p>All outcomes met the performance standard of 80% except the outcome dealing with perimeter and area. This outcome was embedded in a question that required students to complete multiple steps in which in some cases students chose a wrong value to use in the required formula. Other cases were students using the wrong formula or using the formula incorrectly. At this time, no action will be taken to alter the content of this class. Instead, future questions being used to assess course outcomes will be designed to assess only one piece of content at a time.</p>										
<table border="1" style="margin-left: auto; margin-right: auto;"> <caption>Assessment Results Data</caption> <thead> <tr> <th>Outcome</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>outcome 1</td> <td>90%</td> </tr> <tr> <td>outcome 2</td> <td>95%</td> </tr> <tr> <td>outcome 3</td> <td>70%</td> </tr> <tr> <td>outcome 4</td> <td>100%</td> </tr> </tbody> </table>	Outcome	Percentage	outcome 1	90%	outcome 2	95%	outcome 3	70%	outcome 4	100%
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Learning Outcomes (Insert learning outcomes assessed during this cycle)	Indicator (Insert indicators used for each outcome: exam question, scoring rubric, etc. Be specific)	Percent of Correct Responses	Percent of Incorrect Responses	Performance Standard Met (80%)* (yes or no)
Outcome 1: Determine algebraic expression value	Evaluate the expression: $-4^2 - 11x + 5$ when $x = -2$	89%	11%	YES
Outcome 2: Convert US measuring system to (and vice versa) metric system	Thirty milligrams (mg) of vancomycin is to be given for each kilogram of a person's weight. If Martha Greene, who weighs 136 pounds, is to be given the drug, how many milligrams should she be given? Note that 1 pound = 0.45kg.	92%	8%	YES
Outcome 3: Solve perimeter and area of triangles, rectangles and parallelogram	Right triangle ABC below has one leg of length 5 inches. The hypotenuse is 13 inches. Determine the perimeter and area of the triangle.	67%	23%	NO
Outcome 4: Compute the mean, mode, and median for data	For the set of data 21, 37, 37, 39, 46, determine: a. the mean, b. the median, c. the mode	100%	0%	YES

* Please note if using a different minimum performance standard.

Conclusions and Action Plan
<p>Provide a brief summary of conclusions derived based on analysis of data. Identify action plan for improvement or maintaining current performance levels. Append additional pages if necessary. If appending, include notation in box to "See attached".</p>

Effective Date for Changes or Curriculum Proposal Submission to LOT (if recommended)	Proposed Date for Reassessment

Assessment Committee Approval (To be posted by Assessment Committee Chair)	LOT Review (To be posted by Assessment Committee Chair)
Date: 9/14/09	Date: 9/21/09