

**Eastern West Virginia Community and Technical College
COURSE ASSESSMENT REPORT**

Course Title and Number: GSC 110 General Science II	Academic Term and Year of Assessment Activity (Ex: Fall, 2010) Spring 2013
Report Submitted By: Dr. Jacob Metheny	Number of Students Assessed: 16
Date Report Submitted:	Number of Sections Included: 1
Course Delivery Format (list all modalities used in sections assessed. Ex: web based, VDL, traditional section, hybrid course, etc.): Lecture, small group lab work	

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.
General education, lab science

Assessment Methods
Provide a description of the assessment process used. Include description of instrument and performance standards in description. Note all methods.
Multiple choice and true/false questions from lecture tests and final exam

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".

Course Level Assessment Summary of Outcomes, Indicators and Results Course Title and Number Number of students in assessment sample = Number of Sections in Assessment = Add additional rows to table if necessary				
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 (75%)* (yes or no)
Outcome 1: Build simple compounds	What does CH ₄ mean? A) This is an inorganic molecule. B) There are four carbon and four hydrogen atoms. C) There is one carbon and four hydrogen atoms. D) This was involved in a redox reaction.	81% 13/16	19% 3/16	Yes
Outcome 2: Use periodic table	How many neutrons does Carbon contain? A) 4 B) 5 C) 6 D) 7	63% 10/16	37% 6/16	No
Outcome 3: Describe the order of superposition	Deposition of sediment with each new layer younger than the layer below is referred to as the principle of A) horizontality and nonconformity. B) original horizontality. C) nonconformity. D) superposition.	75% 12/16	25% 4/16	Yes

Outcome 4: Describe intrusive volcanic occurrences	Plutonic rocks form from magma A) below the Earth’s surface. B) at the Earth’s surface. C) ejected from volcanoes. D) A, B, and C are all correct	94% 15/16	6% 15/16	Yes
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* Please note if using a different minimum performance standard.

Conclusions and Action Plan 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>The performance standard was met on all but one of the course outcomes selected. To increase understanding of the chemistry outcomes, I intend to introduce new lab exercises. Also, I intend to require students to conduct slideshow presentations on select chemical compounds and their economic significance. Finally, I plan to conduct quizzes more frequently and also expand on non-testable forms of assessment such as worksheets and class discussion.</p>

Effective Date for Changes or Curriculum Proposal Submission to LOT (if recommended)	Proposed Date for Reassessment
	Spring 2014

Assessment Committee Approval (To be posted by Assessment Committee Chair)	LOT Review (To be posted by Assessment Committee Chair)
<p>Comments: All sections and the lab skills will be included in the reassessment. Date: June 12, 2013</p>	<p>Date: July 15, 2013</p>