

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

<b>Course Title and Number:</b> GSC 109 General Science I	<b>Academic Term and Year of Assessment Activity (Ex: Fall, 2010)</b> Fall 2012
<b>Report Submitted By:</b> Dr. Jacob Metheny	<b>Number of Students Assessed:</b> 19
<b>Date Report Submitted:</b>	<b>Number of Sections Included:</b> 1
<b>Course Delivery Format (list all modalities used in sections assessed. Ex: web based, VDL, traditional section, hybrid course, etc.):</b> Lecture, small group lab work	

<b>Course Role in the Curriculum</b>
<b>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.</b>
General education, lab science

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

<b>Assessment Results</b>
<b>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".</b>

<b>Course Level Assessment Summary of Outcomes, Indicators and Results</b> <b>Course Title and Number</b> <b>Number of students in assessment sample =</b> <b>Number of Sections in Assessment =</b> <b>Add additional rows to table if necessary</b>				
<b>Learning Outcomes</b> <b>(Insert learning outcomes assessed during this cycle)</b>	<b>Indicator</b> <b>(Insert indicators used for each outcome: exam question, scoring rubric, etc. Be specific)</b>	<b>Percent of Correct Responses</b>	<b>Percent of Incorrect Responses</b>	<b>Performance Standard Met (75%)* (yes or no)</b>
Outcome 1: Describe Big Bang Theory	Within the physics community, which of the following is the most widely accepted explanation of the universe's origin? A) Steady State Theory B) Inflation C) Big Bang Theory D) Spacetime	89%  17/19	11%  2/19	Yes
Outcome 2: Define astronomical terminology	True/False Cosmology is the study of the overall structure and function of the universe.	68%  13/19	32%  6/19	No
Outcome 3: Describe solar system formation	Which theory describes the formation of the solar system from a swirling cloud of gas and dust? A) Big Bang Theory B) Nebular Theory C) Giant Impact Theory D) Theory of Evolution	89%  16/18	11%  2/18	Yes
Outcome 4: Describe planetary make-up	Which of the following are common characteristics of the inner planets? A) much larger and orbit faster compared to the outer planets B) smaller and orbit slower than outer planets C) rocky and orbit slower than the outer planets D) rocky and orbit faster than the outer planets	83%  15/18	17%  3/18	Yes

\* Please note if using a different minimum performance standard.

<b>Conclusions and Action Plan</b>
<b>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".</b>
<b>The performance standard was not met on all but one of the course outcomes. To achieve the performance standards, I intend to conduct quizzes more frequently and also expand on non-testable forms of assessment such as worksheets and class discussion.</b>

<b>Effective Date for Changes or Curriculum Proposal Submission to LOT (if recommended)</b>	<b>Proposed Date for Reassessment</b>
	<b>As offered</b>

<b>Assessment Committee Approval (To be posted by Assessment Committee Chair)</b>	<b>LOT Review (To be posted by Assessment Committee Chair)</b>
<b>Comments:</b> It was determined the course that both the physics and the astronomy components of the course should be assessed in the future, as well as the lab component. <b>Date: June 12, 2013</b>	<b>Date: July 15, 2013</b>