

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

<b>Course Prefix and Number:</b> GSC 110 GSC 110L
<b>Course Title:</b> General Physical Science II General Physical Science II Lab
<b>Recommended Transcript Title:</b> General Physical Science II General Physical Science II Lab
<b>Date Approved/Revised:</b> 1/3/07; 12/10/11; 8/ 9/13; 9/16/13; 12/8/14; 10/5/17
<b>Credit Hours:</b> GSC 110 3 credit hours GSC 110L 1 credit hour <b>Contact hours per week (Based on 15 week term):</b> <b>Lecture:</b> 3 hrs. <b>Lab:</b> 2 hrs.
<b>Prerequisite:</b> MTH 115 or higher, OR minimum acceptable test scores for placement in college-level math. ENL 100 OR minimum acceptable test scores for placement in college-level English. <b>Corequisite:</b> GSC 110 and GSC 110L <b>Pre/Corequisite:</b>
<b>Grading Mode:</b> Letter Grade
<b>Catalog Description:</b> Covers basic chemistry and geology, with special emphasis on the local strata. GSC 110L – Application and demonstration of the concepts presented in GSC 110 lectures.
<b>Course Outcomes:</b> 1. Perform the steps of the scientific method and communicate with precision, clarity, fluency, accuracy, and coherence through reading, writing, and oral communications. 2. Apply mathematical concepts appropriate to critically analyze and evaluate experimental data. 3. Apply physical science knowledge and scientific principles to ethical concerns, civic engagement, and lifelong learning activities. 4. Recognize the link between science and technology, including the use of technology for learning, research, and communicating findings. 5. Define and apply general chemical principles. 6. Describe general geologic processes. 7. Identify and describe various types of rocks and minerals. 8. Summarize natural processes that shape the earth. 9. Illustrate weather and climate processes.
<b>Implementation Cycle:</b> Spring
<b>Role in College Curriculum: (Check all that apply)</b> <input checked="" type="checkbox"/> <b>General Education Core Lab</b> <input type="checkbox"/> <b>Restricted Elective (Specify Program)</b> <input checked="" type="checkbox"/> <b>General Elective</b> <input type="checkbox"/> <b>Workforce Education</b> <input type="checkbox"/> <b>Other (Please specify)</b>

Course Number &amp; Title: GSC 110 General Physical Science II and GSC 110L General Physical Science Lab

Date Prepared/Revised: 1/3/07; 12/10/11; 8/9/13; 12/8/14; 9/8/17

Date Approved by Curriculum Committee: 10/5/17

Date Course Approved by IOT: 8/18/13; 12/15/15; 10/16/17

<b>Course Fee:</b> Yes, lab
<b>Instructor's Qualifications:</b> Master's degree with a minimum of 18 hours in science.
<b>Expanded Course Description:</b> This course is designed to be a study of basic chemistry and geology and to increase one's awareness of the physical universe. The course is designed to show students how science is intricately interwoven into almost everything around us. The complete course (GSC 109 and GSC 110) is an abbreviated study in the following areas: physics, chemistry, astronomy, meteorology, and geology.

Prepared by: Debra H. Backus

Amo Oliverio, Science Instructor, 10/5/17

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Name	Title	Date
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Approved Per LOT Minutes

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Dean, Academic and Student Services	Date
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