

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

<b>Course Prefix and Number:</b> BET 240
<b>Course Title:</b> Soil and Water Conservation
<b>Recommended Transcript Title</b> (if over 40 characters)
<b>Date Approved/Revised:</b> 12/6/16; 10/5/17
<b>Credit Hours:</b> 3 <b>Contact hours per week (Based on 15 week term):</b> <b>Lecture:</b> 2 <b>Lab:</b> 2
<b>Prerequisite:</b> GSC 110, CIS 160 <b>Corequisite:</b> None <b>Pre/Corequisite:</b>
<b>Grading Mode:</b> Letter
<b>Catalog Description:</b> This course addresses the principles of meteorology and hydrology affecting soil and water conservation practices and the fundamentals of water resources management. The planning, design, and application of various soil and water conservation measures will be covered, with emphasis given to sediment and erosion control practices. Wetlands identification and delineation will also be covered.
<b>Course Outcomes:</b> 1. Describe various soil and water conservations practices. 2. Understand the fundamentals of water resources management. 3. Describe how principles of meteorology and hydrology affect the selection of soil and water conservation practices. 4. Identify and delineate wetlands.
<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 checked="" type="checkbox"/> <b>Technical Core (BET)</b> <input checked="" type="checkbox"/> <b>Restricted Elective (BET)</b> <input type="checkbox"/> <b>General Elective</b> <input type="checkbox"/> <b>Workforce Education</b> <input type="checkbox"/> <b>Other (Please specify)</b>
<b>Course Fee:</b> Yes
<b>Instructor's Qualifications:</b> Master's degree with a minimum of 18 hours in natural science.
<b>Expanded Course Description:</b> Field work will be required for some labs regardless of weather.

Prepared by:

Anthony Oliverio, Science Instructor  
Name Title

11/30/16; 10/5/17  
Date

Approved Per LOT Minutes

Dean of Teaching and Learning

Date

Course Number & Title: BET 240: Soil and Water Conservation

Date Prepared/Revised: 11/30/16

Date Course Approved by Curriculum Committee: 12/6/16; 10/5/17

Date Course Approved by LOT: 12/12/16; 10/16/17