

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

Course Prefix and Number: BET 235
Course Title: Water Quality Sampling and Assessment
Recommended Transcript Title: (if over 40 characters)
Date Approved/Revised: 12/6/16; 10/5/17; 11/18/19
Credit Hours: 2 Contact hours per week (Based on 15 week term): Lecture: 1 Lab: 2
Prerequisite: GSC 110, CHM 200 Corequisite: None Pre/Corequisite:
Grading Mode: Letter
Catalog Description: This laboratory course covers basic physical, chemical and biological methods for the characterization of water quality. Instrumentation training and various sampling techniques of water in various environments will be covered. Preparation and quality of written reports is emphasized. This course heavily relies on lab and field experience.
Course Outcomes: 1. Understand the reasons, principles, and techniques of water sampling as they apply to human health and the surrounding industries. 2. Write and comprehend technical reports associated with the collection and analysis of water samples. 3. Describe and utilize various instruments and sampling equipment used to collect water in the environment.
Implementation Cycle: Spring
Role in College Curriculum: (Check all that apply) <input type="checkbox"/> General Education Core (Specify category) <input checked="" type="checkbox"/> Technical Core (BET) <input checked="" type="checkbox"/> Restricted Elective (BET) <input type="checkbox"/> General Elective <input type="checkbox"/> Workforce Education <input type="checkbox"/> Other (Please specify)
Course Fee: Yes, (BET Fee)
Instructor's Qualifications: Master's degree with a minimum of 18 hours in natural science.
Expanded Course Description: Field work will be required for some labs regardless of weather. This course replaces BET 230 – Air and Water Quality Sampling and Assessment as of Fall 2020.

Prepared by:

Anthony Oliverio, Science Instructor

11/30/16; 10/5/17

Name Title

Date

Approved Per LOT Minutes:

Date Prepared/Revised: 11/30/16; 11/11/19

Date Course Approved by Curriculum Committee: 12/6/16; 10/5/17; 11/11/19

Date Course Approved by LOT: 12/12/16; 10/16/17; 11/18/19

Form revised 8-15-11

Dean of Teaching and Learning

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