

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

Course Prefix and Number: BIO 215
Course Title: Plant Taxonomy
Recommended Transcript Title (if over 40 characters)
Date Approved/Revised: 10/28/2020; 11/18/19; 11/12/18
Credit Hours: 3 Contact hours per week (Based on 15 week term): Lecture: 2 Lab: 2
Prerequisite: None Corequisite: None Pre/Corequisite: None
Grading Mode: Letter
Catalog Description: Plant Taxonomy teaches the basics of plant classification and naming using tools such as dichotomous keys and identification manuals. Students will learn identification tips, understanding plant taxonomy, how plants are collected for classification and storage as well as the key plant structures and characteristics used in identification. There will be a special focus on plants of the Appalachia region and wetland habitats.
Course Outcomes: 1. Identify selected species in lab and field situations, focusing on species of the Appalachia region and wetland habitats. 2. Demonstrate safe and ethical identification and sampling of herbaceous plants in various habitats using current and relevant tools. 3. Recall basic plant structure and anatomy and implement this knowledge to identify common plant species. 4. Employ traditional and digital botanical and taxonomic keys to identify unknown plant species. 5. Apply knowledge of plant families and plant communities to characteristics of specific plants. 6. Explain the process of plant classification. 7. Apply mathematical concepts in problem-solving as it relates to plant communities.
Implementation Cycle: Summer
Role in College Curriculum: (Check all that apply) <input checked="" type="checkbox"/> General Education Core – Natural Science <input checked="" type="checkbox"/> Technical Core (BET) <input type="checkbox"/> Restricted Elective <input checked="" type="checkbox"/> General Elective <input type="checkbox"/> Workforce Education <input type="checkbox"/> Other (Please specify)
Course Fee: Yes – 20.00
Instructor's Qualifications: Master's degree with a minimum of 18 hours in biology.
Expanded Course Description This course replaces BET 150 Herbaceous Plant Identification as a more intensive and transferable course for the BET program as of Fall 2020.

Prepared by: Amo Oliverio, Science Instructor	9/11/2020
Name, Title	Date
Approved Per LOT Minutes	10/28/2020
Dean, Academic and Student Services	Date

Date Prepared/Revised: 10/30/18; 11/11/19; 9/11/20

Date Course Approved by Curriculum Committee: 11/5/18; 11/11/19; 9/15/20

Date Course Approved by LOT: 11/12/18; 11/18/19; 10/28/2020