Syllabus

BIO 224 Dendrology and Field Botany

General Information

Date May 17th, 2019
Author Robert Wink
Department Conservation
Course Prefix BIO
Course Number 224
Course Title Dendrology and Field Botany
Dual Listing (also listed as): CON 224

Course Information

Catalog Description  Field study, identification and natural history of non-woody and woody plant species and the communities to which they belong. Uses of forest trees by humans and wildlife is emphasized.
Credit Hours 3
Lecture Contact Hours 4
Lab Contact Hours 0
Other Contact Hours 0 ()
Grading Scheme Letter

Prerequisites

None

Co-requisites

None
First Year Experience/Capstone Designation

This course DOES NOT satisfy the outcomes applicable for status as a FYE or Capstone.

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed category
None

FLCC Values

Institutional Learning Outcomes Addressed by the Course
Vitality, Inquiry, Perseverance, and Interconnectedness

Course Learning Outcomes

Course Learning Outcomes

1. Practice plant identification skills using dichotomous keys for major plant groups (e.g. woody plants, wildflowers, ferns, mosses).

2. Describe morphological features (vegetative and reproductive) of major plant groups (e.g. woody plants, wildflowers, ferns, mosses).

3. Create portfolio of herbarium specimens.

4. Apply fundamental species concepts (description and ecology) to larger biome scale patterns.

5. Evaluate woody plant utilization by humans and wildlife.

Outline of Topics Covered


Program Affiliation

This course is required as a core program course in the following program(s)
AAS Fish and Wildlife Technology and AAS Natural Resources Conservation