Bemidji State University

BIOL 3844: Wetlands Ecology Lab

A. COURSE DESCRIPTION

   Credits: 1
   Lecture Hours/Week: *.*
   Lab Hours/Week: *.*
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None

   Laboratory course to supplement BIOL/ENVR 3840 Wetlands Ecology. Intended to strengthen a basic understanding of the terminology, classification, ecology, values, and conservation of wetlands. Prerequisite or Corequisite: BIOL/ENVR 3840 or consent of instructor.

B. COURSE EFFECTIVE DATES: 07/23/2004 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

   1. Forest Wetlands
   2. Groundwater Hydrology
   3. Hydrology, Soils & Vegetation
   4. Lacustrine
   5. Lakeshore
   6. Palustrine
   7. Peatlands
   8. Plant Identification: Poaceae, Cyperaceae, & Plant Adaptations
   9. Soils Analysis
   10. Tree Core Analysis
   11. Tree Core Collection
   12. Wetlands in Winter

D. LEARNING OUTCOMES (General)

   1. know the basic terminology, forms of classification, ecology and conversational value of the major wetland types.
   2. gain practical knowledge on classification techniques and collection of field data associated with wetlands.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

   None

F. LEARNER OUTCOMES ASSESSMENT

   As noted on course syllabus

G. SPECIAL INFORMATION

   None noted