Course Syllabus

Department: Environmental Conservation and Horticulture

Date: October 26th, 2011

I. Course Prefix and Number: CON 216

   Course Name: Wildlife Management

   Credit Hours and Contact Hours: 3-3

   Catalog Description including pre- and co-requisites: This course will provide intensive classroom and some field experience in wildlife management theory including: population dynamics, mortality, natality and the relationship between wildlife and their habitats. Practical techniques used for aging, sexing, marking, trapping and transferring game and non-game wildlife will be presented. Rearing and releasing endangered and game species, habitat evaluation, nuisance control and wildlife population estimation techniques are discussed. Prerequisite: CON 102.

II. Course Outcomes and Objectives

   Student Learning Outcomes:

   Students will:

   1. Demonstrate understanding of the basic principles of wildlife population dynamics including the interaction of natality and mortality factors. (professional competency)
   2. Demonstrate an understanding of the legal rights of wildlife based on hunting regulations (that change over time) and wildlife damage management techniques that intend to promote the welfare of the animal. (professional competency, ethics and values)
   3. Demonstrate the ability to identify, locate, evaluate, use, and share information from relevant resources for their management plan research project. (information resources)
   4. Develop an effective written wildlife management plan, using computer applications, for a selected area in the Finger Lakes Region and present a verbal summary of their plan using PowerPoint. (written communication, oral communication, computer literacy)

Relationship to Academic Programs and Curriculum:

This course is a Conservation elective for A.A.S. Natural Resources Conservation, A.A.S. Natural Resources Conservation: Law Enforcement and A.S. Environmental Studies students. The course could also be used as a general elective in other degree programs.
College Learning Outcomes Addressed by the Course:

- X writing
- X oral communications
- ☐ reading
- ☐ mathematics
- ☐ critical thinking
- X computer literacy
- X ethics/values
- ☐ citizenship
- ☐ global concerns
- X information resources

III. Instructional Materials and Methods

Types of Course Materials:

Students will purchase a wildlife management textbook.

Methods of Instruction (e.g. Lecture, Lab, Seminar …):

This course is lecture based, but places an emphasis on class discussion. Hands-on experiences in both the classroom and field will be provided. Guest lecturers will also meet with the class in the field and in the classroom.

IV. Assessment Measures (Summarize how the college and student learning outcomes will be assessed):

Assessment measures will include written exams, the use of computer applications to research a specific species and create a management plan, and an oral presentation on the management plan.

V. General Outline of Topics Covered:

- History of Wildlife Management
- Wildlife Values
- Wildlife Habitat
- Population ecology:
  - Natality Factors
  - Mortality Factors
Population Dynamics
Wildlife Damage Management
Animal Behavior as it relates to Wildlife Management
Waterfowl Identification
Waterfowl & Wetland Management
Deer Management
Deer Aging
Urban and Exotic Species Management
Farmland Game Management
Endangered Species Management
Economics of Wildlife

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