Course Syllabus

Department: Environmental Conservation and Horticulture

Date: January 28, 2014

I. Course Prefix and Number: CON 203

   Course Name: Seminar in Environmental Conservation

   Credit Hours and Contact Hours: 4 credit hours – 4 contact hours

   Catalog Description including pre- and co-requisites: This course presents topics in the field of environmental conservation. Current topics include: Herpetology, Birds, Wildflowers, Entomology, Winter Botany, Trees, Galls and Environmental Conservation Research. A comprehensive field identification test is required. A field component including a minimum of 40 hours of experiential learning, divided between the FLCC campus, Muller Field Station, and East Hill Campus is also required.

   Relationship to Academic Programs and Curriculum including SUNY Gen Ed designation if applicable: Seminar is a required course for students in the AAS Natural Resources Conservation.

II. Course Student Learning Outcomes:

   1. Students will demonstrate identification skills for plants, insects, birds, fish, reptiles, amphibians, mammals, wildlife sign, aquatic life, skulls, diseases and natural sounds which occur in the campus woodlots, stream corridors, disturbed lands and adjoining successional fields.
   2. Students will recognize the impacts of human activities on legally protected species populations.
   3. Students will communicate their understanding of a current environmental issue, use of information resources and ability to follow a standard scientific format in preparing a research paper.

College Learning Outcomes Addressed by the Course: (check each College Learning Outcome addressed by the Student Learning Outcomes)

☐ writing ☑ computer literacy
☐ oral communications ☑ ethics/values
☐ reading ☐ citizenship
☐ mathematics ☐ global concerns
☐ critical thinking ☑ information resources
III. Assessment Measures (Summarize how the college and student learning outcomes will be assessed): For each identified outcome checked, please provide the specific assessment measure.

<table>
<thead>
<tr>
<th>List identified College Learning Outcomes(s)</th>
<th>Specific assessment measure(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer literacy</td>
<td>Students will complete a research paper using word processing, graphics and tabulation software.</td>
</tr>
<tr>
<td>Ethics/values</td>
<td>Students will be required to successfully answer exam questions relevant to conservation ethics, laws, and practices for protected plant and animal species groups covered in Seminar.</td>
</tr>
<tr>
<td>Information resources</td>
<td>Students will locate, evaluate and use library/Internet resources as required references for the research paper.</td>
</tr>
</tbody>
</table>

IV. Instructional Materials and Methods

**Types of Course Materials:** There is no text for this course. Students will receive handouts and will make use of reference field guides.

**Methods of Instruction (e.g. Lecture, Lab, Seminar ...):** A combination of lecture, demonstrations and field experiences are used in this course.

V. General Outline of Topics Covered:

Course introduction and Expectations
Information about the Research Paper
Winter Botany
Wildflowers
Reptiles
Insects
Galls
Trees
Salamanders
Frogs and Toads
Birds

7/12