Course Syllabus

Department: Environmental Conservation

Date: 12/12/12

I. Course Prefix and Number: CON 233

Course Name: Laws for the Use and Protection of Water and Land Resources

Credit Hours and Contact Hours: 3 credit hours and 3 contact hours

Catalog Description including pre- and co-requisites: supporting data required for grade prerequisite of ‘C’ or higher. This course focuses on Local, New York State and Federal Laws for the protection of water resources and land use. Students will study New York State Environmental Conservation Law as it relates to the management of water resources, protection of freshwater and tidal wetlands, and regulation of mining and energy exploration. Students will study the New York State Environmental Quality Review Act (SEQRA) process and the Federal Clean Water Act, landowner rights and liabilities. Legal processes for the introduction of new laws and the enforcement of current laws will be discussed in depth. Students will be introduced to potential careers through the study of local, state and federal regulatory agencies charged with protection and wise use of water and land resources. Instruction methods include lecture, class discussion and guest speakers. (Also listed as CJC 233)

Relationship to Academic Programs and Curriculum including SUNY Gen Ed designation if applicable: CON/CJC 233 is required for Natural Resource Conservation: Law Enforcement majors. It may be used as an elective for other CON majors or CJC majors.

II. Course Student Learning Outcomes:

Students will:
1. Describe the legal processes for new laws and enforcement of current laws.

2. Identify the various agencies charged with enforcing the land and water laws at the federal level and within New York at the state level with an eye towards career exploration.

3. Apply the major federal laws regarding land and water regulations in the United States to real-world scenarios.

4. Identify the major laws regarding land and water regulation in New York State.
College Learning Outcomes Addressed by the Course: (check each College Learning Outcome addressed by the Student Learning Outcomes)

- [ ] writing
- [ ] oral communications
- [X] reading
- [X] mathematics
- [X] critical thinking
- [ ] computer literacy
- [ ] ethics/values
- [ ] citizenship
- [ ] global concerns
- [ ] 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>
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<tbody>
<tr>
<td>Reading</td>
<td>Students will utilize the ECL and federal laws to provide written answers to real-world scenarios involving topics applicable to land and water regulations.</td>
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<tr>
<td>Critical thinking</td>
<td>Students will identify the proper violations and regulatory options available as a consequence of those violations in real-world scenarios and test questions.</td>
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<tr>
<td>Citizenship</td>
<td>Test questions will ask students about citizen advocacy in regards to land and water issues in New York</td>
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IV. Instructional Materials and Methods

Types of Course Materials:
Environmental Conservation Law book, federal regulations

Methods of Instruction (e.g. Lecture, Lab, Seminar …):
Lecture, in-class discussion

V. General Outline of Topics Covered:
I. History of land and water use and protection in the United States
II. Land use laws in NY
   a. SEQRA
   b. Mining laws
   c. Landowner rights, responsibilities and liabilities
III. Water use laws in NY
   a. Freshwater Wetlands

   b. Water Resources
   c. Navigable waters

IV. Federal water use laws
   a. Clean Water Act

IV. State and Federal enforcement agencies
   a. NYS Office of Parks, Recreation and Historic Preservation
   b. NYS Department of Environmental Conservation
   c. EPA

   d. Army Corps of Engineers

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