Course Syllabus

Department: Environmental Conservation

Date: 12/12/12

I. Course Prefix and Number: CON 234

Course Name: Laws for the Management of Air Resources, Solid Waste and Hazardous Substances

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 New York State and Federal laws for the protection of air resources, the management of solid waste and regulation of substances harmful to the environment. Students will study the New York State Environmental Conservation Law as it relates to protection of air resources, the management, transportation and disposal of solid and hazardous waste and the use substances potentially hazardous to the environment such as pesticides. Students will also study related federal statutes including the Clean Air Act, NEPA and CLERCA. Students will be introduced to potential careers through the study of local, state and federal regulatory agencies charged with protection of air resources, the management, transportation and disposal of solid and hazardous waste and the use of substances potentially harmful to the environment. Instruction methods include lecture, class discussion and guest speakers. (Also listed as CJC 234)

Relationship to Academic Programs and Curriculum including SUNY Gen Ed designation if applicable:

CON/CJC 234 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: State the student learning outcome(s) for the course (e.g. Student will be able to identify…)

1. Describe the legal processes for new laws and enforcement of current laws.
2. Identify the various agencies charged with enforcing air quality, solid waste and hazardous substance 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 air quality, solid waste and hazardous substance regulation in the United States in real-world scenarios.
4. Identify the major laws regarding air quality, solid waste and hazardous substance regulation in New York State.

College Learning Outcomes Addressed by the Course: (check each College Learning Outcome addressed by the Student Learning Outcomes)
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 air quality and solid and hazardous substances 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 air quality and solid and hazardous substances 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 air quality, solid waste and hazardous substance laws in the United States
II. Current state and federal air quality laws
   a. Clean Air Act
   b. Article 19 of the NYS ECL: Air pollution control
III. Current state and federal solid waste laws
   a. Article 27 of the NYS ECL: Collection, treatment and disposal of refuse and other
solid waste
IV. Current state and federal hazardous substance laws
a. Article 37 of the NYS ECL: Substances hazardous or acutely hazardous to public health, safety and environment