ESF Course Proposal Form
Committee on Instruction - ESF Faculty Governance
Office of Instruction & Graduate Studies

Date: February 11, 2011
Course Number: FOR 601
Course Title: Environmental Resources Management Workshop

☑ New Course  OR  ☐ Changes in existing course (check all that apply):
☐ Prefix  ☐ Description  ☐ Shared Resources
☐ Number  ☐ Pre-requisite(s)  ☐ Course Format
☐ Credits  ☐ Co-requisite(s)  ☐ Content
☐ Title  ☐ Semester Offered

This course meets the General Education standards in the following knowledge and skills area (check all that apply):
☐ American History  ☐ Humanities  ☐ Other World Civilizations
☐ The Arts  ☐ Mathematics  ☐ Social Sciences
☐ Basic Communication  ☐ Natural Sciences  ☐ Western Civilization

Prequisites or co-requisite requirements:
☐ Prerequisites: Completion of majority of Environmental Resources Management Masters of Professional Studies coursework.
☐ Co-requisites:

Institutional Impact:

Anticipated Enrollment: 20-30 per semester

Technology and Classroom Resource Demands: A classroom with a large blackboard or dry-erase board, and projection equipment for displaying computer PowerPoint presentation, internet websites, etc. The course requires duplication resources of approximately 250 pages per student.

Computing Resources: None.
Library Resources: None
Transportation Requirements: None
Forest Properties or Field Practicum Facilities Required: None
Health and Safety Considerations:

Conditions or situations present in association with the course?

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes / No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Will substances with any of the following properties be used during instruction: flammability, toxicity, corrosivity, reactivity, registered pesticide, legally controlled, or other characteristics with the potential to cause harm or injury?</td>
<td>No</td>
</tr>
<tr>
<td>2. Will any physical hazards be present during instruction? (e.g., machines that need safety guards; razor blades or syringes; compressed gases, etc.)</td>
<td>No</td>
</tr>
<tr>
<td>3. Will any biological hazards be present during instruction? (e.g., handling animals (rabies or hantavirus); cultures or stocks of infectious agents (fungal spores, viruses, bacteria, etc.).)</td>
<td>No</td>
</tr>
<tr>
<td>4. Will any radiation hazards be present during instruction? (e.g., radioisotopes, X-rays, ultraviolet rays, lasers, etc.)</td>
<td>No</td>
</tr>
<tr>
<td>5. Will any electrical equipment that, due to its design, location, or method of use, pose any threat to safety during instruction? (Give considerable thought to electrical use outdoors, or any potentially wet location.)</td>
<td>No</td>
</tr>
<tr>
<td>6. Will there be any personal safety issues related to the class? (e.g., due to time of day or location, at the end of any organized class exercise, will students be in danger of physical assault, etc.)</td>
<td>No</td>
</tr>
<tr>
<td>7. Will any students be driving official state or research sponsored land or water vehicles during any class or instructional exercise?</td>
<td>No</td>
</tr>
<tr>
<td>8. Will any type of personal protective equipment be necessary during class exercises? (e.g., hard-hats, eye/face protection, hearing protection, hand/foot protection, lab coat, visibility clothing, etc.)</td>
<td>No</td>
</tr>
</tbody>
</table>

If the answer was “Yes” to any of the HEALTH AND SAFETY questions, please explain:

CATALOG DESCRIPTION
FOR 601: Environmental Resources Management Workshop (2)

Three-week examination of current topic in environmental resource management. Synthesis course that applies environmental resource management knowledge and techniques through a group consulting assignment for a government or non-government environmental resource organization. Spring (late summer).

Prerequisite(s): Completion of majority of Environmental Resources Management Masters of Professional Studies coursework.
DETAILED COURSE DESCRIPTION

COURSE: FOR 601 – Environmental Resources Management Workshop

2 Credit Hours – Spring Semester (late Spring)

Three week course

Prerequisite(s): Completion of majority of ERM MPS coursework.

SCOPE:

1. Level of Instruction:
   a. FOR 601 is an advanced, synthesis graduate course.

2. Relation to curriculum or to other ESF or Syracuse University courses:
   a. Curriculum:
      i. FOR 601 is a required course in the Department of Forest and Natural Resource Management’s (FNRM) Environmental Resources Management (ERM) Master of Professional Studies (MPS) degree program.
      ii. This course is only open to graduate students in FNRM’s ERM MPS program.
   b. Courses:
      i. The course complements other ERM MPS required courses.

STUDENT LEARNING OUTCOMES:

After completing this course, students should be able to:

1. Apply and synthesize the public administration, political science, economic, human dimensions, and biophysical concepts that affect the management of forest, water, wildlife, recreation, and mineral resources.

2. Research, analyze and report (via a written report and verbal presentation) on a client-based environmental resources management project.

MAJOR CONCEPTS OR METHODOLOGIES:

Concepts: This course provides “real world” synthesis of the subject matter and techniques acquired in previous ERM coursework. Student groups prepare a project for an environmental resource management organization that addresses forest, water, wildlife, recreation, or mineral resources. Project topics require students to synthesize knowledge of public administration, political science, economic, human dimensions, biophysical, and other coursework and research, analyze, and report on a client-devised, current, environmental resource management project. The course is offered in May immediately following the spring semester, and is an intensive capstone course to the ERM degree.

Methodologies: This three-week, “real world,” synthesis applies the subject matter and techniques acquired in previous ERM coursework. A broad array of project assignments, accomplished in teams of five to eight students, are completed for government and non-government environmental resource organizations. The projects require
students to meet with “clients” (on campus), develop an extensive resource management project, and present a written and verbal report to clients.

**CATALOG DESCRIPTION**

FOR 601 – Environmental Resources Management Workshop (2)

Three-week examination of a current topic in environmental resources management. Synthesis course that applies environmental resources management knowledge and techniques through a group consulting assignment for a government or non-government environmental resource organization. Spring (late Spring).

Prerequisite(s): 501: Introduction to Environmental Resources Management and completion of majority of ERM MPS coursework.

**COURSE HISTORY:**

This course has never been taught at ESF.
Last approved: never.