This course proposal form should be completed when introducing a new course or a revision of an existing course. The proposal will be reviewed by the Committee on Curriculum, or, in the case of minor revisions, will be approved administratively by the Associate Provost for Instruction.

This Course Proposal must be completed according to the guidelines provided in Course Proposal Form – Instructions and Guidance. Please see the last page of Course Proposal Form – Instructions and Guidance, for instructions on how this Course Proposal should be submitted to the Committee on Curriculum for review.

Date: April 23, 2020

1. Course Information:

1.1 Course Prefix and Number: EST 491

Course Title: Environmental Studies Field Trip

(If a new or renumbered course, please check with the Registrar regarding the use or reuse of the course number)

1.2 ☒ This is a New Course.

OR

☐ This is a Major Course Revision

OR

☐ This is a Minor Course Revision

If this is a Course Revision, please see Course Proposal Form – Instructions and Guidance to determine if your revision is major or minor. Indicate below the reason(s) for the revision.

(Please check all that apply)

☐ Course Number/Division ☐ Learning Outcomes ☐ Institutional Resources
☐ Title ☐ Concepts, Content ☐ Semester Offered
☐ Credit hours ☐ Catalog Description ☐ Course Inactivation
☐ Pre- or Co-requisite(s) ☐ Instructional Methods ☐ Course Reactivation
☐ Format ☐ General Education

1.3 General Education knowledge and skills area (if applicable): If none, check here ☐

☐ American History ☐ Humanities ☐ Other World Civilizations
☐ The Arts ☐ Mathematics ☐ Social Sciences
☐ Basic Communication ☐ Natural Sciences ☐ Western Civilization
2. Proposer Need Statement:

2.1 Describe why this course (or course revision) is needed to meet current or proposed goals and outcomes of the program or College, and, if a revision, provide an explanation of and justification for the revision. This proposed, new generic shared resource course is intended for use by the Dept. of Environmental Studies, for one-time and repeated field experiences, for various degree programs. It is modeled after EFB 500, Forest Biology Field Trip, used in a similar fashion. In some semesters, there may be multiple sections, for field trips to different locations, with different curricular purposes.

2.2 List the pre-requisite or co-requisite courses (taught within the home department or taught by another department) and explain their relationship to the proposed course. n/a

2.3 Explain the impact of this course in meeting the goals and outcomes of other Departments/programs (if any). Creating this new course will permit offering EST 491 Environmental Education & Interpretation Field Experience, at a future date, as well as other one-time and repeated field-based short courses. This will allow us to fulfill the ‘Advanced Interpretation’ directed elective course option in the Environmental Education & Interpretation (EEI) major.

2.4 If the proposed course is designed to fulfill SUNY General Education Requirements, the Associate Provost for Instruction must review this proposal to ensure that General Education Requirements will be met for the specified knowledge area (See Instructions and Guidance). Please provide an explanation of how this course fulfills SUNY General Education Requirements. n/a

2.5 What are the staffing requirements (instructor, TA, Lab tech, etc.) for this course? If a new course, are there new staffing needs or are there adequate staff members already in place? If a revised course, are there additional staffing needs? Will be fulfilled by current ES faculty, as well as the new EEI faculty member (search in-progress)

2.6 What Department (or extra-Department) resources are or will be made available to support the course or course revision? TBD

2.7 Anticipated Enrollment (enter where applicable)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Fall Semester:</th>
<th>Spring Semester:</th>
<th>Summer Semester:</th>
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<tbody>
<tr>
<td></td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
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</tbody>
</table>

2.8 Anticipated frequency of class meetings. It is anticipated that, in most cases, EST 491 will be offered as an intensive short course during the winter intercession, spring break, or Maymester session.
3. DETAILED COURSE DESCRIPTION

3.1 COURSE IDENTIFICATION AND FORMAT:

3.1.1 Course Prefix and Number: EST 491
3.1.2 Course Name: Environmental Studies Field Trip
3.1.3 Credit Hours: 1-3
3.1.4 Semester (check all that apply): Fall ☑ Spring ☑ Summer ☑
3.1.5 Format (check as appropriate): Lecture ☐ Online ☑ Lab ☐ Field ☑ Other ☐ (explain)
3.1.6 Contact hours per week: 35-40
3.1.7 Prerequisite(s) – if none, please enter “None” (Be specific, as Upper Division courses and Graduate courses will likely have some pre-requisite knowledge) Instructor's permission.

3.2 SCOPE:

3.2.1 Level of Instruction (check one, or two if a shared resource course):
   Lower Division ☐ Upper Division ☑
   Beginning Graduate ☐ Advanced Graduate ☑

3.2.2 Relation to curriculum or to other ESF or Syracuse University courses:
   a. Is this a required course? No ☑ Yes ☑
      If Yes, please list the program(s) for which it is a requirement:
   b. Is this an elective course within your department? No ☑ Yes ☑
   c. Is enrollment in this course restricted? No ☑ Yes ☑
      If Yes, please explain:
   d. Are other ESF or SU courses similar or identical to this course? No ☑ Yes ☑
      If Yes, please identify the courses:
   e. Is this course a shared resource offering (i.e. is there a graduate or undergraduate concurrent offering)? No ☑ Yes ☑
      If Yes, what is the course number of the concurrent offering? EST 691

3.3 STUDENT LEARNING OUTCOMES:

Identify the student learning outcomes associated with this course. 1.) To attain first-hand knowledge of topics of regional environmental research, education, interpretation, management, or administration. 2.) To make 'case studies' of regional environmental issues or areas of interest.

3.4 MAJOR CONCEPTS, PROCESSES or TOOLS:

Identify the course content and themes (e.g. Table of Contents) consistent with the learning domains and outcomes. TBD

3.5 INSTRUCTIONAL METHODS:

Identify the methods used to meet the course outcomes, as well as the principal instructional methods. College-provided transportation will be employed for a trip of five to 10 days duration.
3.6 CATALOG DESCRIPTION

Provide the course description using the precise format to be included in the ESF catalog (i.e. course number and title; format; brief description; semester(s) offered; and pre-/co-requisites). Please do not exceed 1000 characters. A five- to 10-day trip to visit with: 1) agencies, organizations, or institutions engaged in environmental research, education, communication interpretation, management, or administration; or 2) regions or areas of unusual environmental interest. A final report is required. Additional fees required to cover cost of travel and lodging during field portion of course. Tuition charges will apply to sections offered during Maymester or other summer sessions. Fall, Spring, or Summer.

3.7 COURSE HISTORY:

Provide the dates of prior approval of this course, and its revision history. [See EFB 500]

3.7.1 Relationship to current ESF courses

This course is replacing a current ESF course ☐ YES ☒ NO

If NO, then proceed to section 4 below.

If YES, then provide below the number and name of the course to be deactivated and removed from the catalog once this course proposal has been approved:

Course Number (of the course to be replaced)
Course Name (of the course to be replaced)

If the course to be replaced is used by departments other than the department sponsoring this proposal, please indicate below which departments are affected and the date they were notified about the course replacement.

Department: Date of Notification:
Department: Date of Notification:
Department: Date of Notification:
Department: Date of Notification:
4. Institutional Impacts:

This section pertains to forecasting institutional resource needs to support the course or course revision. Provide clear statements regarding the needs and current availability (or absence) of resources. Note that, if this is a course revision, only the impacts of the revision should be included.

<table>
<thead>
<tr>
<th>Staffing needs:</th>
<th>TBD</th>
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<tr>
<td>Classroom resources (e.g. physical facilities in a laboratory, lecture hall, flexible space, academic computing):</td>
<td>n/a</td>
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<tr>
<td>Technology Resources:</td>
<td>n/a</td>
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<tr>
<td>Computing Resources (software licensing, hardware, access):</td>
<td>n/a</td>
</tr>
<tr>
<td>Library Resources (subscriptions, services):</td>
<td>n/a</td>
</tr>
<tr>
<td>Transportation Requirements (budget, fees, fleet vehicles):</td>
<td>Estimated student expense, $75.00</td>
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<tr>
<td>Forest Properties or Field Practicum Facilities:</td>
<td>TBD</td>
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</tbody>
</table>
5. Health and Safety Considerations:

Will any of the conditions or situations outlined below be present in association with the course?  

Yes / No

5.1. 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?  

☐ / ☒

5.2. Will any physical hazards be present during instruction? (e.g., machines that need safety guards; razor blades or syringes; compressed gases, etc.).  

☐ / ☒

5.3. 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.).  

☐ / ☒

5.4. Will any radiation hazards be present during instruction? (e.g., radioisotopes, X-rays, ultraviolet rays, lasers, etc.).  

☐ / ☒

5.5. 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.).  

☐ / ☒

5.6. 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.).  

☐ / ☒

5.7. Will any students be driving official state or research sponsored land or water vehicles during any class or instructional exercise?  

☐ / ☒

5.8. 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.)  

☐ / ☒

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

For lab and field courses to which all answers are “no”, you should explain that here, also. Normally, we would expect some safety precautions for such courses. TBD based on particular field trip. It is anticipated that most will be to established agencies, organizations, and institutions, however, presenting no health & safety concerns.
6. Coordination and Consultation

Emails/letters, as noted below and attached to this proposal, or signatures below, indicate that the affected departments, programs or units have been notified of this proposal and have had an opportunity to assess the impact of the proposal on their respective units.

**Affected Academic Department(s) or Program(s) – other than the sponsoring department:**

<table>
<thead>
<tr>
<th>Department/Program 1</th>
<th>Name of Chair/Program Director</th>
<th>Chair Signature</th>
<th>Date</th>
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<th>Department/Program 2</th>
<th>Name of Chair/Program Director</th>
<th>Chair Signature</th>
<th>Date</th>
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<tr>
<th>Department/Program 3</th>
<th>Name of Chair/Program Director</th>
<th>Chair Signature</th>
<th>Date</th>
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(if more than three Departments/Programs, please continue on a separate page)

**Other Units:**

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<tr>
<th>Position</th>
<th>Name</th>
<th>Date</th>
<th>Or letter attached</th>
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<tbody>
<tr>
<td>Associate Provost for Instruction &amp; Dean of the Graduate School (for Gen Ed courses only)</td>
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<td>Registrar</td>
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<td>Library Director</td>
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<td>Computing and Network Services</td>
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<td>Physical Plant</td>
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<td>Forest Properties</td>
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<tr>
<td>Environmental Health and Safety</td>
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</table>
7. Proposer Information and Sponsoring Department Chair Affirmation:

Contact Person:

Name: David Sonnenfeld ________________________________ Department: Environmental Studies ________________

Email: dsonn@esf.edu ____________________________________

Phone: X4931 ________________________________________

This proposal has been reviewed and approved by the sponsoring Department. Affected departments have been notified and given the opportunity to provide feedback. Department resources are or will be made available to support the course, or a plan is in place to meet the resource needs as identified in the Institutional Impacts section of this proposal (see Section 4, above).

Name: Benette Whitmore ____________________________________________________________

Date: ________ Department Chair (or designated curriculum representative)

Signature: ____________________________________________ Or letter attached 

Department Chair (or designated curriculum representative)

8. Approvals:

_________________________________________ Date
Curriculum Committee

_________________________________________ Date
Faculty Governance

_________________________________________ Date
Provost