
ERE 132 INTRODUCTION TO ENVIRONMENTAL RESOURCES ENGINEERING COURSE SYLLABUS – FALL 2021

INSTRUCTOR

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CLASS MEETING TIMES: Wednesday 3:45 pm-4:40 pm, Baker 148

COURSE DESCRIPTION: Introduction to the Environmental Resources Engineering (ERE) Department and campus resources available to ensure academic success for ERE majors. Introduction to engineering science and design as a profession through readings, assignments, presentations, and discussion.

ATTENDANCE POLICY: Attendance is required. Excused absences may be approved by the instructor.

LECTURE SCHEDULE:

DATE	TOPIC	PRESENTER(S)
1 Sep	Introduction to ERE	Lindi Quackenbush, Chair and Professor
8 Sep	Diversity and inclusion	Dr. Lizette Rivera, OIDE and Student Affairs
15 Sep	Harmful algal blooms	Steve Shaw, Associate Professor
22 Sep	Creating and enhancing resumes	Lindi Quackenbush and Casey Duffy, Career Services
29 Sep	Campus engagement and study abroad	Lindi Quackenbush and ERE students/staff
6 Oct	Title IX & sexual assault	Jennifer Keating, Choose Action Network, Rebecca Hoda-Kearse, and Chris Kosakowski, Vera House
13 Oct	Ecological engineering: Waste-to-resource	Wendong Tao, Professor
20 Oct	Advice and advising	Lindi Quackenbush and ERE students
27 Oct	Moving toward professional engineering practice	Doug Daley, Associate Professor
3 Nov	Geospatial technology and the ERE Curriculum	Giorgos Mountrakis, Professor
10 Nov	Academic integrity and success	Anthony Chefalo and Amelia Hoffman, Student Affairs
17 Nov	Monitoring environmental resources	Bahram Salehi, Assistant Prof., and Ted Endreny, Prof.
1 Dec	Environmental & ecological engineering solutions	Tim Morin and Yaqi You, Assistant Professors
8 Dec	Research opportunities in ERE	Lindi Quackenbush and ERE students

COURSE LEARNING OUTCOMES: At the conclusion of this course, the student will be able to:

- Identify the teaching and research specializations of the ERE faculty.
- Describe opportunities to learn within the ERE curriculum and more broadly.
- Create a professional resume.
- Describe campus resources dedicated to helping students achieve professional and personal success.

PROGRAM LEARNING OUTCOMES: This course will contribute to students achieving the following outcomes related to the ABET-EAC accredited ERE undergraduate degree:

- An ability to communicate effectively with a range of audiences.
- An ability to recognize ethical and professional responsibilities in engineering situations.
- An ability to create a collaborative and inclusive environment.

GRADING: 40% of the final grade is based on attendance and participation; 20% of the grade is based on resume development; 40% of the grade is based on completing weekly assignments. The weighted average of these components is combined to generate a final grade based on the table shown to the right.

Letter Grade	Range of Numerical Grade
A	90 and above
A-	87 to just less than 90
B+	84 to just less than 87
B	80 to just less than 84
B-	77 to just less than 80
C+	74 to just less than 77
C	70 to just less than 74
C-	67 to just less than 70
D	60 to just less than 67
F	less than 60

STUDENTS WITH LEARNING AND PHYSICAL DISABILITIES: ESF works with the Center for Disability Resources (CDR) at Syracuse University to coordinate disability-related accommodations. To learn about and access disability-related resources, please see their website: <https://disabilityresources.syr.edu/students/>. Students can also contact CDR at 315-443-4498. Since accommodations may require early planning and generally are not provided retroactively, please contact CDR as soon as possible. Students may also contact the ESF Office of Student Affairs, 110 Bray Hall, 315-470-6660 for assistance with the process.

ACADEMIC DISHONESTY: Academic dishonesty is a breach of trust between a student, one's fellow students, or the instructor(s). Examples of academic dishonesty include plagiarism and cheating, and other forms of academic misconduct. By registering for courses at ESF you acknowledge your awareness of the ESF Code of Student Conduct. More information regarding Academic Integrity, including the process for resolving alleged violations, can be found in the Student Handbook (<https://www.esf.edu/students/handbook/>).

INCLUSIVE EXCELLENCE STATEMENT: As an institution, we embrace inclusive excellence and the strengths of a diverse and inclusive community. During classroom discussions, we may be challenged by different ideas and experiences. Understanding individual differences and broader social differences will deepen our understanding of each other and the world around us. In this course, all people are strongly encouraged to share their unique perspectives and experiences in a respectful manner. This statement is intended to help cultivate a respectful environment, and it should not be used in a way that limits expression or restricts academic freedom at ESF.

RELIGIOUS OBSERVANCE: All students have a right under NYS law and ESF college policy to observe the religious holidays of their choice, according to their individual faith. If students wish to observe a religious holiday, they should provide written notification to the instructor (via email) of their intent to observe a particular religious holiday **within the first two weeks of the semester**, and prior to missing any required course meetings or activities. Reasonable requests for absence from course meetings or activities will be accommodated whenever possible, though students may be responsible for independently making up missed materials or activities on their own time, and in a timely fashion.

COVID-19 GUIDANCE: Students are required to follow ESF's evolving Covid-19 protocols and restrictions, which can be found on the college website at: <https://www.esf.edu/restart/>.