ERE 132 INTRODUCTION TO ENVIRONMENTAL RESOURCES ENGINEERING
COURSE SYLLABUS – FALL 2020

INSTRUCTOR

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CLASS MEETING TIMES: Wednesday 3:45 pm-4:40 pm via Blackboard Collaborate

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)
26 Aug	Introduction to ERE	Lindi Quackenbush, Chair and Professor
2 Sep	Academic integrity and success	Anthony Chefalo and Amelia Hoffman, Student Affairs
5 Sep (Sat)	Campus engagement	Lindi Quackenbush
9 Sep	Ecological engineering: Waste-to-resource	Wendong Tao, Associate Prof., and Nosa Egiebor, Prof.
16 Sep	Creating and enhancing resumes	Lindi Quackenbush and Casey Duffy, Career Services
23 Sep	Geospatial technology and the ERE Curriculum	Giorgos Mountrakis, Professor
30 Sep	Harmful algal blooms	Steve Shaw, Associate Professor
7 Oct	Title IX & empowered bystander	Rebecca Hoda-Kearse, OIDE, Choose Action Network and Vera House
14 Oct	Moving toward professional engineering practice	Doug Daley, Associate Prof.
21 Oct	Advice and advising	Lindi Quackenbush and ERE students
28 Oct	Diversity and inclusion	Dr. Malika Carter, and Dr. Lizette Rivera, OIDE
4 Nov	Monitoring environmental resources	Bahram Salehi, Assistant Prof., and Ted Endreny, Prof.
11 Nov	Environmental and ecological engineering solutions	Tim Morin and Yaqi You, Assistant Professors
18 Nov	Research opportunities in ERE	Chuck Kroll, Professor, 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 in other areas.
- 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.

COLLEGE LEARNING OUTCOMES: this course will contribute to students achieving the following College-wide learning outcomes:
- Basic communication skills.
- Values, ethics and diverse perspectives.

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: SUNY-ESF works with the Office of Disability Services (ODS) at Syracuse University, who is responsible for coordinating disability-related accommodations. ODS is responsible for coordinating disability-related academic accommodations and will work with the student to develop an access plan. Since academic accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible to begin this process. To discuss disability-accommodations or register with ODS, please visit their website at http://disabilityservices.syr.edu. Please call (315) 443-4498 or email disabilityservices@syr.edu for more detailed information.

ACADEMIC DISHONESTY: Academic dishonesty is a breach of trust between a student, one's fellow students, or the instructor(s). Examples of academic dishonesty includes 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: ESF recognizes the diversity of faiths represented among the campus community and protects the rights of students to observe religious holy days according to their tradition. Students will be provided an opportunity to make up any work requirements that may be missed due to a religious observance provided they give the instructor reasonable advance notification.