

Supervised Teaching

EML 6940 Section 6480

Class Periods: Variable based on teaching assignment

Location: Variable based on teaching assignment

Academic Term: Fall 2023

Instructor:

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Office Hours: by appointment

Teaching Assistant/Peer Mentor/Supervised Teaching Student:

- No Teaching Assistants

Course Description

Provides students with supervised teaching experience on developing effective instructional methods and materials in engineering education as well as effective mentoring skills in a professional setting.

Course Pre-Requisites / Co-Requisites

Graduate student standing

Course Objectives

At the end of the supervised teaching course, the student will be able to:

- Propose or further develop a relevant student learning outcome (SLO) related to an engineering course
- Study background materials associated with the SLO,
- Prepare learning materials related to the SLO,
- Deliver learning content to students in the engineering course,
- Interact with students in the engineering course and gauge their comprehension,
- Prepare an assessment that directly measures the effectiveness of the learning activity,
- Administer the assessment to the students in the engineering course,
- Determine the results of the assessment,
- Evaluate whether the SLO was achieved, and
- Propose pedagogical changes that could have improved the results.

Materials and Supply Fees

None

Required Textbooks and Software

The teaching supervisor may assign readings, etc. relevant to the assignment.

Recommended Materials

None

Course Schedule

Week 1: Review Supervised Teaching Plan
Week 2: Study background materials on targeted SLOs
Week 3: Investigate, evaluate teaching methods
Week 4: Teaching materials for targeted SLOs
Week 5: Teaching materials for targeted SLOs
Week 6: Deliver learning activities for targeted SLOs
Week 7: Develop assessments for targeted SLOs

- Week 8: Develop assessments for targeted SLOs
 - Week 9: Develop assessments for targeted SLOs
 - Week 10: Grade assessments for targeted SLOs
 - Week 11: Grade assessments for targeted SLOs
 - Week 12: Grade assessments for targeted SLOs
 - Week 13: Grade assessments for targeted SLOs
 - Week 14: Evaluate assessment effectiveness and propose changes
 - Week 15: Evaluate assessment effectiveness and propose changes
- Note: Course schedule varies by assignment. Specific tempo and assignments are to be described in the Supervised Teaching Plan.

Attendance Policy, Class Expectations, and Make-Up Policy

Attendance to assigned teaching activities is required. Excused absences must be consistent with university policies in the Graduate Catalog (<https://catalog.ufl.edu/graduate/regulations>) and require appropriate documentation. Additional information can be found here: <https://gradcatalog.ufl.edu/graduate/regulations/>

Guidelines for Students

- I. The primary objective of Supervised Teaching is to expose the participant to the practice of instruction/mentoring at a college or professional level. Through their practice of instruction, supervised teaching students also affect the educational experience of students enrolled in the course. As such, it is expected that all Supervised Teaching Students (STS)s target a minimum of 1 contact hour with their students per week, on average. Contact hours include tasks such as delivering lectures, holding office hours and recitation sessions, supervising students in the laboratory, etc.
- II. Under the guidance of the faculty supervisor, supervised teaching students are generally expected to assist in the preparation and delivery of course material, the supporting of student learning, and in the evaluation of student performance. This may include, but is not limited to, preparing and grading homework assignments, preparing course content, experimental setup/cleanup, contributing to the preparation and grading of exams, attending and/or delivering lectures, offering office hours and recitation sessions, supervising laboratories, and other reasonable responsibilities assigned by the faculty supervisor. Expectations are established in the Supervised Teaching Plan.
- III. **Credit Allocation:** STSs are expected to devote no more than 3 hours per week, on average, to STS responsibilities for the full 15-weeks (or prorated if duration is shorter) for every credit hour they are enrolled in this course. It is expected that the amount of time devoted to supervised teaching responsibilities will vary throughout the semester. It is expected that the faculty supervisor and the STS will explicitly discuss time commitments and expected timing of peak hours at the beginning of the course. If hours greatly exceed these defined expectations, the student should discuss this with the faculty supervisor. If their concerns are not resolved after discussing with the faculty supervisor, the student should contact the course instructor.
- IV. STSs are expected to coordinate responsibilities, timing, and expectations with the faculty supervisor on the first day of classes for the term.
- V. STSs will be required to meet for approximately 30 minutes per week (preferably a dedicated schedule) with the faculty supervisor to discuss details of mentoring/teaching as well as how the course is progressing and how their interactions with students in the course are going, and how the weekly responsibilities are matching to the pre-start of the semester expectations. If the faculty supervisor cannot meet on a certain week due to scheduling or travel, the student must be notified beforehand of the cancellation of the meeting.
- VI. STSs are required to complete PRV802 FERPA Basics before they can be enrolled in this course. This online course can be access by logging in to myUFL > myTraining and searching "PRV802." STSs are required to provide proof of completing this course to the department advisor (MAE Grad Advising Office: gradadvising@mae.ufl.edu) so they can be enrolled in EAS 6940.
- VII. If a student has an issue with a student or fellow STS in their course, they should immediately contact the faculty supervisor. The faculty supervisor is ultimately responsible of all issues related to student and STS conduct in their assigned courses.

- VIII. Any unresolved issues regarding the STS assignment should be brought to the attention of the course instructor.

Guidelines for Faculty Supervisors

- I. Faculty supervisors are to serve as mentors for the teaching activities developed in the Supervised Teaching Plan. Expectations for mentoring are to model the activities, supervise and assess, and give feedback to the student.
- II. On the first day of classes for the term, faculty supervisors should coordinate an introductory meeting with their supervised teaching students. At this meeting, faculty supervisors should outline the following:
 - a. Course-specific expectations and assignments of the supervised teaching student
 - b. General outline for expected time commitments with identification of peak hours, if possible
 - c. Faculty supervisor contact information
 - d. A complete syllabus for the course and/or lab protocols (if applicable)
 - e. Create student login information for any necessary web portals (e.g., Canvas)
- III. In assigning responsibilities to STSs, faculty supervisors should observe the above guidelines regarding expectations of student time commitment to the course. Specifically, the STS's assignments must be manageable at approximately 3 hours per week per credit of this course. Faculty supervisors must respect the recommended effort expectations of ~3 hours per week per credit averaged over the semester (see "Credit Allocation" above). If an instructor feels that more credit is required to provide increased contact hours, they should speak with the department chair.
- IV. While STSs are expected to contribute to these activities, the preparation and delivery of course materials and the evaluation of student performance is ultimately the responsibility of the faculty supervisor assigned to the course. Faculty supervisor should remain engaged in all aspects of the course, even those aspects supervised by STSs. For lecture courses, it is expected that the majority of the lectures will be delivered by the faculty supervisor. For laboratory courses, it is expected that the faculty supervisor will deliver associated lectures, participate regularly in the lab course, provide appropriate supervisory training to the STS for each experiment conducted in the lab, and be responsible for the overall supervision of the STSs performance.
- V. Faculty supervisor will be expected to meet with the STS once a week for 30 minutes (preferably a dedicated schedule) to discuss details of mentoring/teaching as well as how the course is progressing and how their interactions with students in the course are going, and how the weekly responsibilities are matching to the pre-start of the semester expectations. If the faculty supervisor cannot meet on a certain week due to scheduling or travel, the STS must be notified beforehand of the cancellation of the meeting.

Evaluation of Grades

Grades will be assigned to the STS based on the following criteria:

- I. **Teaching proficiency:** Towards achieving targeted SLOs, the STS is expected to demonstrate adequate preparation in the delivery of instructional materials, including a proficient understanding of the material and an ability to deliver content clearly and concisely. Faculty supervisor will evaluate the teaching proficiency by mentoring the supervised teacher during the preparation and delivery of at least one lecture (or lab activity) during the semester.
- II. **Grading proficiency:** Towards assessing the targeted SLOs, the STS is expected to grade assessments in a timely manner. Unless otherwise specified by the faculty supervisor, graded assessments should be returned within a week. The STS is also expected to grade accurately, consistently, and fairly. Faculty supervisor will evaluate the STS grading proficiency by reviewing grading timeliness, accuracy, fairness, and consistency.
- III. **Professionalism and attendance:** The STS is expected to follow the attendance policy of the faculty supervisor. It is assumed that the STS will be a role model to students and demonstrate professional and ethical behavior, including punctual attendance.
- IV. **Instructional materials quality:** The STS is expected to develop course materials related to the targeted SLOs, which may include individual lectures, homework assignments and solutions, quizzes and solutions, exams and solutions, or class handouts, as determined by the faculty supervisor as they relate to the Supervised Teaching Plan.

- V. Evaluation proficiency: The STS is expected to evaluate how effective activities were with respect to achieving the targeted SLOs. Honest evaluation and proposal of pedagogical improvements are keys to satisfying this requirement.

Grading Policy

Individual instructors will announce the specific weights assigned to each individual criterion. The instructor will assign a Satisfactory (S) or Unsatisfactory (U) grade to the student based on these criteria. During each weekly meeting, an open dialog of effectiveness should occur, and the instructor should convey progress towards a satisfactory grade.

More information on UF grading policy may be found at:

[UF Graduate Catalog](#)
[Grades and Grading Policies](#)

Supervised Teaching Plan

A Supervised Teaching Plan begins by assessing the capabilities, strengths and weaknesses, of the student on day one and sets goals for the student to achieve during the semester. One or more Student Learning Outcomes (SLOs) should be proposed upfront, as they relate to the particular engineering class being supported. Conceivably, an SLO could be proposed by the faculty supervisor or by the student, and the faculty supervisor and student should agree on the scope and focus. A detailed semester-long plan should be developed to allow for background study, interacting with students in the engineering class, developing learning materials, presenting learning materials, developing assessments of learning, grading assessments, evaluating assessment effectiveness, and proposing pedagogical or methodology revisions. The plan should have dedicated weekly meetings between faculty supervisor and student.

Students Requiring Accommodations

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center by visiting <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Course Evaluation

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

In-Class Recording

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

University Honesty Policy

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code (<https://sccr.dso.ufl.edu/process/student-conduct-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Commitment to a Safe and Inclusive Learning Environment

The Herbert Wertheim College of Engineering values varied perspectives and lived experiences within our community and is committed to supporting the University’s core values, including the elimination of discrimination. It is expected that every person in this class will treat one another with dignity and respect regardless of race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information, and veteran status.

If you feel like your performance in class is being impacted by discrimination or harassment of any kind, please contact your instructor or any of the following:

- Your academic advisor or Graduate Program Coordinator
- HWC OE Human Resources, 352-392-0904, student-support-hr@eng.ufl.edu
- Curtis Taylor, Associate Dean of Student Affairs, 352-392-2177, taylor@eng.ufl.edu
- Toshikazu Nishida, Associate Dean of Academic Affairs, 352-392-0943, nishida@eng.ufl.edu

Software Use

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

Student Privacy

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see: <https://registrar.ufl.edu/ferpa.html>

Campus Resources:

Health and Wellness

U Matter, We Care:

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect

students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

Counseling and Wellness Center: <https://counseling.ufl.edu>, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Discrimination, Harassment, Assault, or Violence

If you or a friend has been subjected to sexual discrimination, sexual harassment, sexual assault, or violence contact the **Office of Title IX Compliance**, located at Yon Hall Room 427, 1908 Stadium Road, (352) 273-1094, title-ix@ufl.edu

Sexual Assault Recovery Services (SARS)

Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or <http://www.police.ufl.edu/>.

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu.
<https://lss.at.ufl.edu/help.shtml>.

Career Connections Center, Reitz Union, 392-1601. Career assistance and counseling; <https://career.ufl.edu>.

Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.
<https://teachingcenter.ufl.edu/>.

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.
<https://writing.ufl.edu/writing-studio/>.

Student Complaints Campus: <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>; <https://care.dso.ufl.edu>.

On-Line Students Complaints: <https://distance.ufl.edu/getting-help/>; <https://distance.ufl.edu/state-authorization-status/#student-complaint>.