

Industry Practicum
EGN 5949 — All Sections
Class Periods: Various based on workplace
Location: Various based on workplace
Academic Term: Spring 2026

Instructor:

Michael Griffis
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Office Phone: 352-392-9473
Office: NEB137
Office Hours: Thursday 2 to 4p

Teaching Assistant / Peer Mentor / Supervised Teaching Student:

N/A

Course Description

The course provides graduate students opportunities to apply the skills and knowledge learned in graduate engineering courses in a professional, working environment. In addition to developing an understanding of the professional and organizational issues encountered by engineers and researchers in the workplace, students learn to refine their skills in communication, teamwork, leadership, and employee relations while participating in off-campus internships and cooperative educational experiences.

Course Pre-Requisites / Co-Requisites

Graduate standing

Course Objectives

- Identify and define individual professional goals in industry and/or academia
- Identify and define the professional and ethical issues encountered by engineers and researchers in the workplace
- Demonstrate professional presentation and communication skills
- Recognize and demonstrate appropriate professional behaviors
- Distinguish, analyze, and classify leadership and management behaviors

Materials and Supply Fees

N/A

Required Textbooks and Software

The faculty supervisor may assign readings relevant to the assignment.

Recommended Materials

N/A

Course Schedule

Course schedule varies by workplace.

Attendance Policy, Class Expectations, and Make-Up Policy

- Attendance to assigned activities in the workplace is required.

- Students must submit a 2-page paper using the designated template with a minimum of 3 peer-reviewed sources on professionalism and/or ethics in engineering. The template for the paper will be posted on the course website. The 2-page paper must be turned in through the UF e-learning system by 11:59 pm on March 31, 2026.
- Students must submit a 3-page final report of their industry experience using the designated template. The template for the paper will be posted to course website. The 3-page final report must be turned in through the UF e-learning system by 11:59 pm on Apr 29, 2026. The report must include the following:
 - Brief summary of the work performed
 - Lessons learned through this work
 - How this experience will be used for professional development

Evaluation of Grades

| Assignment | Total Points | Percentage of Final Grade |
|--------------|--------------|---------------------------|
| 2-page paper | 50 | 50% |
| Final Report | 50 | 50% |
| | | 100% |

Grading Policy

| Percent | Grade | Grade Points |
|-------------|-------|--------------|
| 93.4 - 100 | A/S | 4.00 |
| 90.0 - 93.3 | A-/S | 3.67 |
| 86.7 - 89.9 | B+/S | 3.33 |
| 83.4 - 86.6 | B/S | 3.00 |
| 80.0 - 83.3 | B-/S | 2.67 |
| 76.7 - 79.9 | C+/S | 2.33 |
| 73.4 - 76.6 | C/S | 2.00 |
| 70.0 - 73.3 | C-/S | 1.67 |
| 66.7 - 69.9 | D+/U | 1.33 |
| 63.4 - 66.6 | D/U | 1.00 |
| 60.0 - 63.3 | D-/U | 0.67 |
| 0 - 59.9 | E/U | 0.00 |

Academic Policies & Resources

To support consistent and accessible communication of university-wide student resources, instructors must include this link to academic policies and campus resources:

<https://go.ufl.edu/syllabuspolicies>. Instructor-specific guidelines for courses must accommodate these policies.

Commitment to a Positive 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.

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 Coordinator
- HWCOE Human Resources, 352-392-0904, student-support-hr@eng.ufl.edu
- Pam Dickrell, Associate Dean of Student Affairs, 352-392-2177, pld@ufl.edu