



MENG 5370 – Graduate Internship

Course Syllabus

Semester / Year	Fall / 2023
Catalog Description	This course allows students to extend enrichment and experiential learning in mechanical engineering outside the classroom, at a level appropriate for graduate studies. A minimum of 150 work hours are required during the internship experience under the supervision of a mentoring engineer at the workplace simultaneously with an advisor from the department of mechanical engineering. A written advisor evaluation and a technical report are required at the conclusion of the internship. A typical recommended setup to maximize benefit from such experience is for the student to be immersed in an engineering role within an engineering firm. Other experience can be accepted if approved by the advisor and the department.
Prerequisites	Graduate status and Consent of the department chair or instructor of record.
Section number	TBD
Instructor name	TBD
Contact info	TBD
Class Type / Location	Practicum
Class Time	N/A
Office Hours	TBD
Credits	3
Required Textbook	TBD
Optional References	TBD
Additional requirements	Students are required to strictly follow the internship policy and guidelines as provided by the department.
Evaluation Method	Faculty advisor visit to the workplace, reports, oral presentation, and satisfactory performance at the job Faculty evaluation (Form 2) 15 % Student evaluation (Form 3) 10 % Attendance, presentation, and participation in the one-time semester meeting 25 % Supervisor evaluation (Form 5) 10 % Final Report (Form 6) 30 % Faculty overall evaluation 10%
Grading Policy / Scale	(> 65) = CR , (<65) = NC
Important events / dates	Census date Report date



Attendance / Makeup policy	No makeup
Course Learning Objectives / ABET & PEOs relation	A student who has successfully completed this course should be able to: <ol style="list-style-type: none">1. Describe the steps and elements needed to plan a successful engineering project with clear outcomes, and consideration of business, economic, and professional constraints.2. Describe the societal and ethical responsibility of engineers and the influence from their products and operations on the environment and the profession.3. Demonstrate an ability to function as a member, and lead if needed, within an engineering project team.4. Document and communicate engineering related material effectively among peers, and to non-engineers at different levels of the organization.5. Demonstrate ability to apply technical knowledge in mechanical engineering and its foundational sciences to solve technical problems in the workplace.6. Find, select, and utilize skills, practices, and tools appropriate to effectively carry out engineering tasks.
Tentative Topics	N/A
University Policies	https://www.uttyler.edu/academic-affairs/files/syllabus_information_2021.pdf