



ME491 Graduation Project - I (Required Course)

Code and Name: ME491 Graduation Project - I

Credit Hours: 1 (Lecture: 0, Tutorial: 0, Lab/Practical: 2)

Textbook:

- Diverse, and recommended from the advisor according to the topic of the project.

Other References:

Course Description:

The Graduation Project integrates the various components of the curriculum into a comprehensive design exercise. It is preliminary phase of the Project. Students choose a topic and a faculty advisor; define the project scope which may include theoretical design, experimentation, fabrication or computer simulation and modeling. Students define Objectives, Schedule, with literature review and initial work. Preliminary report will be submitted at the end of semester.

Pre-requisites: None

Co-requisites: None

Course Learning Outcomes:

With relation to ABET Student Outcomes (SOs: 1-7)

(1, 2, 3, 4, 6)

Topics to be covered:

- Introduction.
- Objectives and milestone.
- Background and literature review.
- Methodology and Experimental procedure.
- Examination, discussion, corrections and Draft Report submission.

Grading Policy:

The grading for the course are 60% coursework and 40% Final Exam. The course work consists of two Midterm Exams, where each midterm exam is worth 20%. It also includes quizzes, homework, and projects for the remaining 20% that is modified by the course instructor.

