

ADVISORS

There are two senior project advisors: an **administrative advisor** and a **technical advisor**. The administrative advisor runs the senior project class and ensures that students adhere to deadlines. In addition, this advisor helps students find projects, and coordinates the senior project presentations. The technical advisor helps students with technical issues. This person gives direction on appropriate methodology and solution techniques. Both advisors jointly assign a grade in the courses.

If a student is working on a Multi-disciplinary Senior Project they must have a Technical Advisor from the IME department in addition to the advisor(s) for the team. This will insure that IME students satisfy the requirements for IE and MFGE senior projects.

COURSE DESCRIPTIONS

Below are the catalog descriptions of the senior project courses.

IME 481 Senior Project Design Laboratory I (2)

Selection and completion of a project by individuals or team which is typical of problems which IE or MfgE graduates must solve in their fields of employment, which is representative of those encountered in professional practice. Project typically involves system design, modeling, analysis and testing. Project method includes costs, planning, scheduling, and appropriate research methodology. Formulation of project outline, literature review, project activity scheduling and regular progress reviews by instructor are required. 2 laboratories. Prerequisite: Senior standing in major and consent of instructor.

IME 482 Senior Project Design Laboratory II (3)

Continuation of IME 481. Involves research methodology: problem statement, method, results, analysis, synthesis, project design, construction (when feasible), and evaluation/conclusions. Project results are presented in formal written report suitable for reference library and formal oral report. 3 laboratories. Prerequisite: IME 481.