



M.E.M. Internship/Project Information

ENGG 390 is a required course in Dartmouth's M.E.M. Program which consists entirely of students doing an individual project for a sponsor. Most projects are done as part of an internship. This sheet is intended to explain the purpose, academic requirements, and grading of the project, as well as confidentiality and rights information and benefits to sponsors.

Purpose

- Provide students experience:
 - Applying engineering problem-solving skills to a real-world project
 - Managing a real-world project
 - Working for a sponsor in a professional field that interests the student (professional fields may include engineering, management, marketing, consulting, finance, etc.)

Academic Requirements

- The project must align with the purpose described above
- When an internship is undertaken, the student must have responsibility for a project, or a portion of a project, as part of the internship. This project is what the student will be required to report on academically.
- The student must demonstrate that they have successfully applied an engineering problem-solving methodology to the project they have undertaken, and that they have managed the project well
- The student will normally be expected to make four reports and corresponding presentations to faculty and review boards
 - Proposal
 - Two Progress Reports (done on-campus or by teleconference if the student is unable to return to campus during an internship)
 - Final Presentation and Report

For More Information

- Contact Professor Bob Graves, Co-Director of the M.E.M. Program, at bob.graves@dartmouth.edu or 603-646-6475
- Visit the ENGG 390 website at <http://engineering.dartmouth.edu/~engg390>

Grading

The course instructor determines a student's grade based upon:

- Input from the sponsor on the quality of work performed
- Quality of use of engineering problem-solving method
- Management of the project to a successful end
- Quality of reports and presentations
 - Faculty and a group of professionals from industry will serve as a review board for the student's proposal and final presentation. Their input will also contribute to a student's grade.

Confidentiality & Rights

Sponsors and students may enter into non-disclosure and intellectual property agreements at their discretion. However, professors involved with the course and review board members will not enter into any such agreements. Students must be able to report openly on enough of their project work to receive academic credit.

Sponsor Benefits

- Have good work accomplished, including completion of a project
- View first-hand the skills and work of a potential employee
- Build the sponsor's reputation with Dartmouth students
- Contribute to the education of future professionals