DEPARTMENT OF CIVIL AND MECHANICAL ENGINEERING

Capstone Senior Design Courses
Mechanical Engineering Program
Selection and Assignment of Projects

To help ensure a smooth and timely initiation of the senior design projects, student selection and project assignment will begin in semester prior to the semester in which the project will start. Summer sessions are not included.

The procedure for the student selection and project assignment is as follows:

1. Approximately two weeks before the end of the semester prior to the semester in which the project will start a senior design orientation meeting will be held. All students who intend to take the first senior design course in the following semester should attend this orientation meeting. At this meeting details of each potential project will be presented by the senior design coordinator.

2. A list of potential projects will be posted on a website approximately three weeks before the end of the semester prior to the semester in which the project will start. Students are encouraged to visit this website and seek additional information from the senior design coordinator and project advisors, if needed.

3. The web page will be updated as new projects are proposed or listed projects are cancelled up to two weeks before the beginning of the semester in which the project will start.

4. Students interested in projects that require extra activities prior to the actual senior design semester; e.g., fund raising for SAE Mini-Baja or sponsorship requirements should apply to the project advisor and the course coordinator by a deadline determined by the nature of the project. All interested students will be notified, via e-mail, about the existence of these projects and their deadlines. The application should consist of a resume and a cover letter stating the student’s qualifications for and interest in the project.

5. All students are advised to “apply” for a project by submitting a cover letter and resume to the senior design coordinator. The cover letter should include a ranked list of all posted projects that are within the student’s major and a brief statement why he/she is qualified for the first ranked project.

6. The application submission period is the two weeks before the beginning of the semester. For the application to be considered, it must be submitted before the first day of the semester in which the project begins.

7. During the first week of the semester in which the project begins, the senior design coordinator in consultation with the projects advisors will decide on the composition of their teams. Every effort will be made to match students with their first choice of projects. Special consideration will be given to a student who initiates
a project or who has a close tie to a project sponsor. It might not be possible for all
students to be assigned to their first choice of projects; in this case, students will be
assigned to their next highest ranked project for which there is a slot available.
Students who have not applied for any project will be assigned to work on a project
with a faculty advisor, in their major area, by senior design committee.

8. A list of the final team assignments will be posted on the web before the second
meeting of ME 487 or ENGR 410.