**Capstone Course**

**Instructor**: Several program faculty members will be involved in supervising individual capstone projects. A lead faculty capstone course Coach will be assigned to oversee and administer the overall course.

**Course Description:** The capstone project will take place at the end of the program and is designed to give students the opportunity to apply the content, methods, and techniques learned during the master’s program to specific problems in their engineering work. Students are to prepare a project proposal and to develop a project report and final presentation of their capstone work.

**Logistics**

The logistics for the capstone project are established as follows:

1. After each of the PMSEE courses a set of capabilities would have been learned that are immediately transferable to the workplace. The capstone culminates by having these capabilities applied to a real-world project.
2. During the second year, the students will identify
   1. A topic suitable for their capstone project that is applicable to their work.
   2. A project advisor from the pool of instructors for the master’s program.
3. The projects will be undertaken by teams of 2-3 students.
4. The Coach’s role will be to advise the students on the structure and strategy for completing their projects, to advise on the structure of the final report, and to coach the students for final capstone presentations.
5. The Coach will be responsible for 50% of the capstone project grade. The advising faculty will be responsible for the remaining 50%.
6. The advising faculty members will work with the various student teams on the technical content of the capstone projects. They will help identify real-world challenges that utilize what students have learned in the Professional Master’s in Sustainable Electrical Energy Systems program.