

Cover Sheet for Senior Design Reports

Name _____ Semester _____

The Accreditation Board for Engineers and Technology (ABET) requires that the student's education culminate in a major design experience based upon the knowledge and skills acquired in course work, which incorporates appropriate engineering standards and multiple realistic constraints. To make sure that your design project has met these requirements and those of the Sibley School, please complete the following sections.

1. What are the function(s) of your design?
2. What constraints related to the main function(s) must your design satisfy?
3. What are the performance objectives of your design? What must be optimized?
4. What alternative design concepts were considered?
5. What analyses were used to select among these alternative design concepts?
6. Which concepts or skills learned in your coursework were applied to the design? Please provide a list with each entry providing the department and number of the course, plus a brief description of the particular concept or skill used.
7. What format did your design take? For example, is it a complete set of CAD drawings, a working prototype, a full finished product, a system configuration, a process, or something else?
8. Briefly evaluate your design, relative to its function(s), constraints, and objectives.

Signatures:

Student _____ Date _____

Project Advisor _____ Date _____

PLEASE NOTE: This is required for completion of your Senior Design Report. It is not a substitute for or duplication of the final design report. Each question must be answered with a few sentences.

Project Advisors: This cover sheet should be reviewed and signed at the time of grading and kept with the student's design report.