

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 answer the following questions. Include your responses as an appendix to your design reports.

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.
9. Describe each student's role in the design project and in writing this report, if there are multiple authors.

Signatures:

Student _____ Date _____

Project Advisor _____ Date _____

Students: Written responses to these questions are required for completion of your Senior Design Report. However, your written responses do not constitute a substitute for your final design report. Each question must be answered with a few sentences that are appropriate to your particular design project. Include your responses as an appendix to your design report and attach the senior design report cover sheet to be signed by you and your project advisor. A **copy** of your signed design report cover sheet must be turned in to 108 Upson Hall (you **do not** need to include a copy of your answers to the above questions when turning in your cover sheet).

In Summation: >**Design Report – Turn in to faculty project advisor.**

>**Responses to above questions – Turn in to faculty project advisor as appendix to design report.**

>**Design Report Cover Sheet (this form) – Sign and attach to your responses to the above questions. Turn in to Faculty project advisor for signature.**

>**COPY of signed Design Report Cover Sheet – Turn in to 108 Upson**

Project Advisors: The student's written responses to these questions must be reviewed and the design report cover sheet signed at the time of grading and kept with the student's design report.

A COPY OF THIS FORM, COMPLETED AND SIGNED BY ADVISOR AND STUDENT, MUST BE SUBMITTED TO EMILY TOMPKINS MINTURN OR NANETTE PETERSON - 108 UPSON HALL