

ETSC 265 Solid Modeling - Final Design Project (FDP) Proposal Guidelines:

As a printed document, in a single paragraph, on one page, briefly describe for me what you would like to design, and work on throughout the quarter, and to present to the class, as your Final Design Project.

Your FDP is a project that will:

- be of your choosing with parts and assemblies
- be measurable for a certain amount of complexity and completeness
- be the basis for the production of engineering drawings
- be the basis for your Final presentation to the class at the time of your scheduled Final Exam for the quarter.

I may combine individuals in small groups who may have similar interests. If you want to work in a group, talk to me about this.

More details and specific grading criteria for the FDP will follow in the weeks to come.

Describe the following in your proposal paragraph:

- Name of the project
- A description of the individual parts and assemblies and how intend they interact with each other, if it's not obvious
- Image of an existing design or a preliminary sketch of your proposed design
- Any other relevant information

Guidelines:

- Pick a project of your choosing that is of interest to you
- Try and coordinate your project with other work in your field of study, duplicate work is not allowed, run this by your academic advisor
- Work has to be unique to you and at the time of this quarter
- Choose a project that is either:
 - an existing design that can be accurately measured or that you can acquire information on that has reliable measurement information
 - a totally new project that you want to design yourself and that you can ultimately provide reliable measurements for
- As you become more competent in SolidWorks you will find it easier to change your mind later in the quarter and can choose a different project at any time.

I will grade and provide feedback on your proposal and will also provide guidance on your FDP throughout the quarter. You can start work on your FDP now and it will be a portion of your Weekly Design Evaluation (WDE) every week for the rest of the quarter.

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