SolidWorks Final Project presentations. Consider the following guidelines for your Final Project presentations and pre-presentations:

You may use Power Point for your introduction and conclusion and for the demonstration of images but use SolidWorks for the bulk of your presentation.

- Introduction, provide your name, major and class position (senior, junior, etc...), Project Name and SolidWorks toolbar or function that you will be demonstrating.
    - o Introduce your model and intended function (recreation of a bike, frame of a proposed car chassis, new suspension bridge model, Jansen mechanism, etc…)
    - o Show images of existing machines, vehicles, models, parts or concepts that you are trying to create, recreate or reverse engineer
- Tour, start with a 3D overview then describe what this project is intended to solve or demonstrate
    - o Demonstrate moving parts or machine function
    - o Demonstrate various features that facilitates the projects function
- Demonstrate the project toolbar and tools
    - o Open or create a new part or sketch and show how to initiate the toolbar or SolidWorks function
    - o Demonstrate each of the tools in the toolbar and all of the potential steps and what each step's function is
    - o Demonstrate how the toolbar was used in your project
- Demonstrate what you consider to be important modeling techniques that you used in your model and may include:
    - o Sketches, sketch relations, features and options, or assemblies including advanced or mechanical mates or any other SolidWorks technique or function that you thought was unique and potentially instructive for the class.
- Conclusion:
    - o Summary, show images, show the model again, talk about how the project went, what you intend to do with the design, what you would do differently if you could start over, etc…
    - o Ask for questions
    - o Ask for suggestions i.e. "how can I model this differently or better"

I would invite interaction and would encourage raising your hand to interrupt for further explanation or to share a different technique.

Rehearse your presentation and polish it up, limit the time to no more than 7 minutes, anything over or under a range will have points taken off.

Evaluation feedback forms will be handed out at the beginning of the class dedicated to presentations
- Sign your name on the cover only
- Fill in the student's name, on each page in the book, in the space provided
- Provide ample suggestions and constructive comments
    - o You will be graded on how much effort you put into your feedback comments

For the pre-presentations limit your talk on the toolbar or function used and instead emphasize your project (limit these presentations to no more than 5 minutes). Your project does not have to be complete for the Pre-Presentation but enough work has to be done on it to make for a meaningful presentation. I will not be evaluating you on the pre-presentations but your peers will be.