

SENIOR DESIGN PROJECT

Goal

- To develop a physical product in a professional manner
 - Feasible and useful product
 - Well documented work
 - Demonstration of the operation of the product
 - To present the work professionally to the Industrial Advisory Board
 - To submit a well written report

Starting to the project

Search internet – similar products

Search patents – similar ideas

Search publications – research

Discuss your ideas – don't worry
about inspiring others



Working on the project

SAFETY FIRST

Schedule finishing the project 2 months before deadline

Share the responsibilities

Identify and use the correct tools – communicate with the experts, friends, advisor, and professionals

Each project will have bad times – overcome the difficulties



Report

- Outside of the Appendices write everything with your own words. - (Avoid plagiarism)
- Show your calculations (Comp. prog (FEM) + analytical calculations)
- Select your safety margins carefully and conservatively
- Be sure the system you present works – make a video of it while operating
- Present the reports in a timely manner