

GEORGIA INSTITUTE OF TECHNOLOGY
George W. Woodruff School of Mechanical Engineering
ME 2110 - Creative Decisions and Design
Summer 2017

Design Project Final Report

Preliminary Draft due in studio Week 8 (5 – 7 July):

Final Written Assignment due in studio Week 10 (18 – 20 July):

Your written report should present a design overview of your entire system. It should be in the format of the final report. Your report should include the following information:

1. Executive summary
2. Problem understanding
3. System description
4. Concept alternatives
5. Concept evaluation
6. Preliminary results
7. Competition results
8. Future design improvements
9. Appendix with design tools, data, and figures

Appendices may be used as necessary. The page limit is 8 pages of text, excluding the executive summary and appendices.

Please submit 1 hard copy of this report and submit 1 electronic copy on T-Square. Also, please submit the graded copy of your preliminary report when submitting your hard copy.

Presentation due in studio week of Week 10 (18 – 20 July):

Your team will generate a 10.5 minute (maximum length) video that will be shown at the beginning of your studio section to summarize your progress. Present your selected concept, alternative concepts, and concept evaluation methods. Before the video is presented, one team member must give a short (maximum) 1 minute briefing / elevator talk summarizing your video. Specifications and instructions for the video are located on the ME 2110 web site.

Please note that the presenter of this oral presentation may be chosen at random. Therefore, all team members must be ready to give this talk.