

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

Introduction Report

Written Assignment due in studio 12 June – 16 June (Week 5):

This report (one per team) should focus on problem understanding, initial conceptual design and project planning. You should NOT report that you have selected a final design and you should NOT report on your individual device. The report should include:

- 1) A problem understanding section (this will be evolve to be an introduction section for later reports)
 - a) Problem definition
 - b) Functional requirements / constraints
- 2) A design strategy section
 - a) Discussing how the design will be developed over the next few weeks
 - i) Function trees, morph charts
 - ii) Preliminary specifications
 - iii) Planning tools
- 3) Appendix
 - a) A preliminary specification sheet
 - b) Function trees
 - c) House of Quality
 - d) Morph matrix
 - e) Gant chart
 - f) Project responsibility matrix

This report should be no longer than 3 pages of text. Abstract should be on a separate page. Abstracts, figures, drawings and tables do not contribute to the 3-page limit.

Presentation due in studio 12 June – 16 June (Week 5):

Your team will deliver a 5-minute visual + oral presentation on the items from your report.

Please submit 1 hard copy of this report and submit 1 electronic copy on T-Square.