**ME 493 – Spring 2016**

**Course Objective(s):**

1. Ability to design a product to meet a customer’s needs subject to constraints.
2. Ability to apply the knowledge of engineering to formulate and solve design-related problems.
3. Ability to write a design report.
4. Ability to fabricate and evaluate prototypes.
5. Ability to document a design.

**Course Organization**

Meeting Logistics

* Tuesdays: All meet in this room
* Thursdays: Group meetings with advisors or industry contacts

Grading

* 1. Class attendance: 10%
  2. Final Reports : 50%
  3. CD (or USB drive) with all reports and presentations: Required to get a grade
  4. Individual grade (Faculty & Peers): 10%
  5. FE Assessment exam 5%
  6. PE Assessment exam 5%
  7. Quality of prototype (graded by faculty advisors and sponsors) 20%

**Final Presentations and prototype displays: Thursday June 2 (12 - 3)**

**Material to be turned in and due dates**

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| **Item** | **Due date** |
| Final Reports (One Copy) | **Friday June 3 (noon)** |
| CD/Thumb Drive with all the Final Reports and Final Presentations | **Friday June 3 (noon)** |