

GE-105  
Section 09, CRN: 36106/7/8  
First Semester 1438-39 H (Fall-2017) – 2(1,1,2)  
“Introduction to Engineering Design”

Wednesday, November 01, 2017 (12/02/1439H)

**Homework 2**

#	Names:	Student Numbers:
1.		43
2.		43
3.		43
4.		43

**Solve the problems described below [5 points each]**

1. **Project planning.** You are required to find a recent, actual (reported) case study where improper planning led to the failure of an important project (preferably related to engineering). Details should include,
  - a. Brief background regarding the project (i.e. problem statement, introduction)
  - b. What the end product should have looked like (i.e. objectives)
  - c. What went wrong (i.e. what “bad” planning aspects were involved)
  - d. How this failure could have been avoided (e.g. tools, extra work, etc.)

Note, alternatively, you may write about a case study involving a project that was planned for and executed remarkably well. In this case, c. and d. are replaced with how different challenges were overcome in the project.

2. **Communication in engineering.** You are required to report on a recent, actual project where improper communication (among team members) led to the failure of some engineering project. You should use similar criteria to those mentioned for the above problem.

**Rules:**

- You should work with your **project group** for this assignment.
- Each case study should not exceed **one page** in length.
- Your work must be **typed** and written in **proper English**.
- Make sure to use properly **captioned figures/tables** (where applicable) and to properly cite all utilized **references**.
- Due date: **Monday, November 13<sup>th</sup>, 2017** (24/02/1439)