

GE-105

CRN: 36106/7/8

First Semester 1439-40 H (Fall-2018) – 2(1,1,2)

“Introduction to Engineering Design”

Wednesday, October 10, 2018 (01/02/1440H)

Homework 2

#	Names:	Student Numbers:
1.		43
2.		43
3.		43
4.		43
5.		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: **Wednesday, October 24th, 2018** (15/02/1439)