

GE-105
Section 01, CRN: 3124/25/26/45
Summer Semester 1437-38 H (Summer-2017) – 2(1,1,2)
“Introduction to Engineering Design”

Sunday, July 30, 2017 (07/11/1438H)

Homework 2

Name:	Student Number: 4
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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:

- Brief background regarding the project (i.e. problem statement, introduction)
- What the end product should have looked like (i.e. objectives)
- What went wrong (i.e. what “bad” planning aspects were involved)
- 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: **Sunday, August 6, 2017 (14/11/1438)**