

GE-105

CRN: 36106/7/8

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

“Introduction to Engineering Design”

Wednesday, Nov. 14, 2018 (06/04/1440H)

Poster Homework – Grading Sheet

Name:	Student Number: 4
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The poster homework is evaluated according to the following criteria:

1. **Header information:** title, names, affiliation, course information, etc.
2. **Footer information:** continuation of header, acknowledgements, references
3. **Introduction:** overview of project (bullets); problem statement
4. **Need Analysis:** what? how? why? market survey, etc. (bullets, short phrases)
5. **Objectives:** primary and secondary (bullets)
6. **Problem formulation:** constraints, criteria, specifications, required information
7. **Human factors:** anthropometric, ergonomic, physiological, psychological
8. **Creativity and concept generation:** e.g. brainstorming and morphological analysis
9. **Concept evaluation:** scenarios, weights and rates method, scores
10. **Final design:** sketch with full, labeled details
11. **Project planning:** Gantt chart
12. **Summary:** main contribution of design (one phrase)
13. **Overall:** poster design, layout and format, contrast, colors, font, language, etc.

Rules:

- You should work with your **project group** for this assignment.
- Your work must be **typed** and written in **proper English**.
- Due date: **Wednesday, November 21th, 2018** (13/03/1440)