

GE-105

CRN: 36106/7/8

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

“Introduction to Engineering Design”

Tuesday, December 04, 2018 (26/03/1440H)

Final Report – Grading Sheet

Name:	Student Number: 4
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1. **Title page:** clear title (descriptive, <10 words), course name, authors' full names & ID's, instructor name, date of submission
2. **Abstract:** around 150 words; short summary of design problem; most important results and conclusions of the project
3. **Table of Contents/ List of Figures / List of Tables**
4. **Introduction:** motivation for project; some previous work with photos
5. **Report:** formatting (e.g. 1" margins, 1.5 spacing, standard font sizes and typeface, titles/subtitles), organization, spelling, grammar (e.g. no fragments, run-on sentences), thoroughness, quality (e.g. all sentences, not all bullets)
6. **Referencing:** citing within text (of sources, figures, tables); use of sources other than websites; no plagiarism (copy-and-paste); unified/standard system of referencing; complete and correct references; every reference is cited in the text and vice versa
7. **Figures/tables:** caption and number for every figure/table; reference number at the end of the caption (for external source); complete and correct figure captions (below) and table captions (above)
8. **Problem statement, Need Analysis, Objectives** (primary, secondary)
9. **Criteria, Constraints, Requirements/Specifications**
10. **Human Factors:** specify category and description
11. **Problem Formulation:** one paragraph (summarizes 8 and 9)
12. **Design Concept Generation:** specify how (brainstorming, morphological analysis, etc.)
13. **Design Evaluation/Selection:** weights and rates (specify scenarios, criteria, etc.); analysis
14. **Detailed Design:** labeled design, with dimensions and sections, etc.
15. **Project Planning / Gantt Chart**
16. **Conclusions, summary and recommendations:** what has been done; features and limitations of design; implications of work done; recommended follow-up study

TOTAL: / 160