

IE-341

Section 1, CRN: 31895/896/897

Section 2, CRN: 56070/071/072

Second Semester 1436-37 H (Spring-2016) – 3(2,1,2)

“HUMAN FACTORS ENGINEERING”

Sunday March 27, 2016 (18/06/1437H)

**Course Project** [10 Points]

**Review of Recent “Human Factors Engineering” Research.** You are required to locate, read, and summarize recent scientific literature on *any* one topic covered throughout this course, or generally related to “Human Factors Engineering.” The following rules apply:

- a) The literature must be **scientific!** This means that any non-peer reviewed material can be acceptable only as a reference or a tool to help you in your project. However, it will not count as one of your major sources. You are highly advised to use a scientific search database to help you in your research.
- b) Use at least **two** (2) journal or conference publications, obtained from a major scientific database (such as *Science Direct*).
- c) The references must present a fairly **recent** topic, preferably within the last three to five years.
- d) **Academic honesty** rules seriously apply. Therefore, you are required to use your own words in summarizing, linking, and drawing conclusions from this work. Simply copying and pasting will not be accepted!
- e) You will earn more credit if you are able to **show a relationship** between your research and content covered during the course. For example, you may want to show a recent development of some of the data or research shown in one of the chapters covered in class.
- f) You must attach -i.e. print a hardcopy of- all **physical references** (not just links) used as an appendix to your report. You must also properly **cite** all your references.
- g) The **report** must include the following sections:
  - Introduction regarding your topic
  - Common applications
  - Summary of case studies from selected articles
  - References
  - Who did what section
- h) You will **present** a summary of your research as described in the rules

section below.

- i) Include a slide in your presentation that states your **references**.

### Important Rules and Reminders:

- You are required to work in a team of no less than **3** and no more than **4** students. No exceptions! You must dedicate a section of your report to show “**who did what**”.
- All presented work must be **neatly typed, printed, and bound**. No handwritten work will be accepted. Note, besides content and quality, you will also be graded on your spelling, grammar, formatting, neatness, etc.
- You must **submit** the following:
  - A *printed and bound* **report** showing all steps and details of the complete work accomplished in this project.
  - Printout of slides used in your **presentation** (use 2-4 per page; grayscale).
  - If applicable, copies of all **publications** you have used, photos, and any other material and/or references that add value, and authenticity to your work. Remember, you will be monitored for plagiarism.
  - Attached, labeled **CD** containing all the above-mentioned items (most importantly the report, presentation, and publications).
  - Note, you must submit all work **on the day of your scheduled presentation**. No late work will be accepted.
- Your group will be required –collectively– to perform a **5-7 minute** presentation. Note, you will not be allowed to exceed the time limit. The scheduled date is:
  - **Thursday, April 28<sup>th</sup>, 2016** (21/07/1437H) after Asr prayer. Note, the location will be announced at a later time.
  - Note, besides the quality of the content of your work, you will receive a grade for your overall presentation and speech skills, as well as your PowerPoint slides. **All group members** must participate in this activity.

I wish you the very best with this project, and hope you can both learn and enjoy working on it.