

IE-341

Section 1, CRN: 30512/513/514

Section 2, CRN: 30515/516/517

Section 3, CRN: 38299/300/301

Section 4, CRN: 65886/887/888

First Semester 1438-39H (Fall-2017) – 3(2,1,2)

“HUMAN FACTORS ENGINEERING”

Tuesday, November 21, 2017 (03/03/1439H)

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, i.e. 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 (i.e. within your report).
- 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 **4** and no more than **5** 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 **4–5 minute** presentation. Note, you will *not* be allowed to exceed the time limit. The scheduled date is:
 - **Saturday, December 23rd, 2017** (05/04/1439H) 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.