

IE-341

Section 1, CRN: 62596

Second Semester 1445H (Spring-2024) – 3(2,1,2)

“HUMAN FACTORS ENGINEERING”

Sunday, March 31, 2024 (21/09/1445H)

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 can 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 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) Your group will be required –collectively– to perform a **4 to 5-minute** presentation (you will not be allowed to exceed the time limit).
- You will present a summary of your project, and you **MUST** include slides (at the end) that state **ALL references**, and **“who did what.”**
  - Note, besides the quality of the content of your work, you will receive a grade for your team coordination, overall presentation and speech skills, as well as your PowerPoint slides. **All group members** must participate in this activity.

### Important Rules and Reminders:

- You are required to work in a team of exactly **3** students. No exceptions! You must dedicate a section of you 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 **by 2 PM on the day of your scheduled presentation** (no late work will be accepted):
  - **Report** showing all steps and details of the complete work accomplished in this project (.docx format)
  - **Presentation** (.pptx format)
  - 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.
  - Place all work in **one folder** then **submit your work by email**, in one zipped file (e.g. “Project\_G04.zip”) to [aelsherbeeney@ksu.edu.sa](mailto:aelsherbeeney@ksu.edu.sa). Let me know if your work exceeds 25 MB as the KSU server does not allow attachments exceeding 25 MB.
  - Make sure to include your **group number** on all submitted work (cover page of report / first slide of presentation).
- The scheduled presentation date is: **Saturday, May 11th, 2024 (03/11/1445H)**.
  - The presentations will be held via Zoom, at the following address (<https://zoom.us/j/2557992359> – password: 0). Groups should be prepared to start and be waiting in the waiting room 3 minutes prior to the designated starting time. As soon as the prior group has

completed your group will be allowed to enter.

- A total of 10 minutes is allotted to each group, distributed as follows:
  - 4 to 5-minute presentation (as mentioned above)
  - 2 to 3-minute Q/A session
  - 1 to 2-minute transition to the new group

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

