TED UNIVERSITY

IE 491 Senior Project I

Fall 2023-2024

Credit Hours: (1+0+4) 3 TEDU Credits, 6 ECTS Credits

Advisor:

Ece Zeliha Demirci,   Meetings: TBD with each project group (B345)
Department of Industrial Engineering
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Course Description: Identification, definition, and formulation of a complex real-life industrial engineering problem in a manufacturing or service organization. System analysis. Conceptual systems design

Pre-requisites: Consent of the Department

Learning Outcomes:

Upon succesful completion of this course, a student will be able to
1. Identify and define an industrial engineering problem (B4, e)
2. Analyze current system by collecting and interpreting data (B4, b2)
3. Generate a conceptual system design and architecture (B5, c)
4. Formulate models to describe and improve current system (B5, e)
5. Undertake a functional role in the team work (B3, d)
6. Exhibit professional and ethical responsibility (B3, f)
7. Demonstrate effective oral and written communication skills (B3, g2)
8. Learn new concepts on their own required for solving the problem under concern (B3, i)

Important Dates:

October 9-13, 2023: Establishing Contact with Companies
November 10, 2023: Project Proposal Submission
December 29, 2023: Semester Report Submission
Finals Week: End of Semester Presentations (In English in class; in Turkish or English at the company or online)

Grading:

Project Proposal	20%
End of Semester Presentation	20%
Semester Report+Weekly Meeting Report	57+3%

Academic Integrity:

Please avoid all types of actions that can be considered as cheating or plagiarism. All of the following are considered plagiarism among others according to the web site www.plagiarism.org:

(i) turning in someone else's work as your own, (ii) copying words or ideas from someone else without giving credit, (iii) failing to put a quotation in quotation marks by referencing it, (iv) giving incorrect information about the source of a quotation, (v) changing words but copying the sentence structure of a source without giving credit, (vi) copying so many words or ideas from a source that it makes up the majority of your work, whether you give credit or not.

Plagiarism is a very serious offense and will be penalized accordingly by the university disciplinary committee. The best way to avoid accidentally plagiarizing is to work on your own before you ask for the help of other resources.

Cheating has a very broad description which can be summarized as "acting dishonesty". Some of the things that can be considered as cheating are the following:

(i) copying answers on exams and all types of assignments, (ii) using prohibited material on exams, (iii) lying to gain any type of advantage in class, (iv) providing false, modified or forged data in a report, (v) modifying graded material to be re-graded, (vi) causing harm to colleagues by distributing false information about an exam or an assignment.

TED University takes academic integrity seriously. We, the students and faculty of the TED University, dedicate ourselves to upholding the highest standards of academic integrity. Academic integrity means that one's work is the product of one's own effort, and one neither receives nor gives unauthorized assistance in any assignment. Because advanced academic work depends on the sharing of information and ideas, academic integrity at the college level includes rigorous adherence to the conventions for acknowledging one's use of the words and ideas of other people, and instruction in this fundamental skill of college life is available to all TED University students (www.tedu.edu.tr).