



EASTERN MEDITERRANEAN UNIVERSITY
DEPARTMENT OF INDUSTRIAL ENGINEERING
IENG598 GRADUATE RESEARCH SEMINAR
COURSE OUTLINE



COURSE CODE	IENG598	COURSE LEVEL	Master
COURSE TITLE	Graduate Research Seminar	COURSE TYPE	Core
CREDIT VALUE	0 Cr.	PRE/CO-REQUISITE(S)	Consent of the instructor
PREPARED BY	Dr Ali Baştaş	SEMESTER/ACADEMIC YEAR	Fall 2023-24

	Name(s)	E-mail	Office
LECTURER(S)	Asst. Prof. Dr. Ali Berk Baştaş	ali.bastas@emu.edu.tr	IE-C104
ASSISTANT(S)	-		

COURSE DESCRIPTION

This course is designed to orient the students for research by emphasizing reading, comprehension, discussion and performing exercises on IE/OR problem areas. For this purpose, each student is required to choose an IE/OR topic that is suitable to his/her academic background and interests, study this topic under the guidance of faculty members, make a literature survey, and point out the relevant further research areas. Throughout this course each student is also required to read and study some technical papers and give a series of seminars.

COURSE OBJECTIVES

The main objective of this course is to develop the skills needed to entering research including reading and understanding scientific text. The students must learn also how to process further on the information obtained from the papers.

COURSE LEARNING OUTCOMES

On successful completion of this course, all students will have developed **knowledge** and **understanding** of:

- Some recent scientific results and findings in industrial engineering
- The role of the scientific literature in research

On successful completion of this course, all students will have developed **their skills in**:

- Searching and finding related research materials
- Reading, understanding and further processing scientific research works
- Understanding the presentation of other scientists
- Effectively presenting scientific materials

On successful completion of this course, all students will have developed their **appreciation** of, and respect for **values and attitudes** to:

- The importance of ethics in research,
- Importance of scientific methods in industrial engineering
- The impact of this course on deeper understanding of other related graduate courses

GRADING CRITERIA

As part of the seminar course, students are required to undertake a literature review study on a chosen Industrial Engineering research area (e.g. your anticipated research thesis topic). Research reports (progress and final reports) are required to be compiled, which will be a 2-page summary (excluding references section) of the literature review study. The progress report will reflect progress at the deadline and will be used to provide feedback on the work and associated progress, midway through the semester. The literature review study will also be presented in the form of a research seminar. The literature review study topics will be proposed by the students in the first 3 weeks of the semester and confirmed by the course instructor. If a student does not submit one of the reports at the required deadlines or does not conduct a research seminar presentation without a valid excuse, or the quality of the work undertaken is not good enough, he/she will fail the course. Presentation schedule will be announced at the later stages of the semester.

TEXTBOOK/S

There won't be any specific textbook in this course. The students are referred to the collection of the journals on Industrial Engineering and related fields in the EMU Library, which can be searched at: <http://library.emu.edu.tr>

ACADEMIC HONESTY, PLAGIARISM & CHEATING

This is intentionally failing to give credit to sources used in writing regardless of whether they are published or unpublished. Plagiarism (which also includes any kind of cheating in exams) is a disciplinary offence and will be dealt with accordingly. According to university by laws cheating and plagiarism are serious offences punishable with disciplinary action ranging from simple failure from the exam or project/report, to more serious action (suspension from the university for up to one semester). Disciplinary action is written in student records and may appear in student transcripts. Any act not suitable for a university student will not be tolerated and may lead to formal disciplinary action. Example of this are: getting someone else to take the examinations for you, misrepresentation of your own answer sheet as another's work, cheating, knowingly assisting other students to cheat, abusing the tolerance or breaking the discipline of the class.