EASTERN MEDITERRANEAN UNIVERSITY
Faculty of Engineering
Department of Industrial Engineering
COURSE OUTLINE
Spring 2023-24

COURSE CODE	MANE300	**COURSE LEVEL**	Junior year
COURSE TITLE	Industrial Training - II	**COURSE TYPE**	Required
CREDIT VALUE	(0, 0, 1) 0	**ECTS VALUE**	1
PREREQUISITES	Completion Freshman courses & MANE210	**CO-REQUISITES**	No

Web link	https://ie.emu.edu.tr/en/department/industrial-training			
	Name (group)	**e-mail**	**Office**	**Telephone**
Instructor	Asst. Prof. Dr. Ali Baştaş	ali.bastas@emu.edu.tr	C104	3161
Assistants	Khaoula Chnina	khaoula.chnina@emu.edu.tr	B103	3243
	Davood Forghani	davood.forghani@emu.edu.tr	B109	3247

CATALOG DESCRIPTION

This is the second Industrial Training course for the students. In partial fulfillment of graduation requirements each student is required to complete three industrial training in accordance with rules and regulations set by the Department. Students will have the chance to observe real world Industrial Engineering practices in the firms, discuss the various aspects of the production processes in an organization and write a formal report based on the questions and tasks provided in the Log-Book. During the training students should visit at least 5 departments, including manufacturing and assembling.

AIMS & OBJECTIVES

The main objective of this training is to observe and discuss the various aspects of the production processes in an organization. A minimum of 15 working days of training is required in a manufacturing industry. The training report is based on the questions and tasks provided in the Log Book. The students will have chance to observe organizational practices as a whole, adapting to real life working environment, and be able to develop an opinion that may help in choosing the sector in which they may wish to work in the future.

COURSE LEARNING OUTCOMES (CLOs)

On successful completion of this course, students are expected to develop **knowledge** and **understanding** of:

- Solving everyday practical industrial engineering problems
- Adapting to real world working environment
- The importance of experience in an interdisciplinary real practices
- The real life responsibility that is in many ways different from academic responsibilities
- Basic components and organization of production systems
- Recognizing the importance of technical report writing and technical drawings

On successful completion of this course, students are expected to develop **their skills in**:

- Communicating effectively with co-workers orally and in writing or technical drawing
- Working under direction and in a group efficiently and effectively to solve real world industrial problems

On successful completion of this course, students are expected to develop their **appreciation** of, and respect for **values and attitudes** to:

- The role of industrial engineering in real world applications
- Competence of industrial engineers in manufacturing sectors
- Professional and ethical responsibility
- Appreciate punctuality, and social and analytical skills in real world practices

Relationship of Course to Student Outcomes

Student Outcomes	Level of Contribution		
	No	Moderate	High
1) an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	☐	☑	☐
2) an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors	☐	☑	☐
3) an ability to communicate effectively with a range of audiences	☐	☐	☑
4) an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts	☐	☐	☑
5) an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives	☐	☑	☐
6) an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions	☐	☑	☐
7) an ability to acquire and apply new knowledge as needed, using appropriate learning strategies	☐	☐	☑

REFERENCE BOOKS:
Industrial Training Booklet and Log-Book developed by the Department.

COURSE OUTLINE: This is an Industrial Training course and no lectures are designed. There will be no graduation make-up or resit exams. Hence you shoud do your best to pass the course.

GRADING: There will be no exam for this course. Evaluator of the report may ask students to present their trainings as well. Grading will be based on the report submitted with the following ranges.

Questions:
Below **1.00** will lead to **"U"** grade for the **course**.
Between **1.00 – 2.00** will lead to an **"Incomplete"** grade for the course.
Above **2.00** will only mean Questions Part is Satisfactory.

Tasks:
Below **1.50** will lead to **"U"** grade for the **course**.
Between **1.50 – 2.50** will lead to an **"Incomplete"** grade for the course.
Above **2.50** will only mean Tasks Part is Satisfactory.