

TOROS ÜNİVERSİTESİ

Faculty Of Engineering
Industrial Engineering (English)

Course Information

WORK STUDY

WORK STUDY					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
INE303	Fall	3	0	3	5

Prerequisites and co-requisites	NONE
Language of instruction	English
Type	Required
Level of Course	Bachelor's
Lecturer	Assit. Prof. Dr. Fikri EGE
Mode of Delivery	Face to Face
Suggested Subject	NONE
Professional practise (internship)	None
Objectives of the Course	Providing the methods of study and tools, work measurement and methods of the work measurement; ensuring the students to use whole work study techniques
Contents of the Course	The topics covered in this course include: The basic concepts of the work study, methods study, time study, job sampling, group timing technique, synthetic timing techniques and MTM applications

Learning Outcomes of Course

#	Learning Outcomes
1	Student knows the most appropriate way to do any kind of work.
2	Student knows how to get critical review of the work.
3	Student knows the productivity concept.
4	Student gains main knowledge on wage systems and production planning concepts.

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Work study and basic concepts	Lecturing
2	Definitions of the methods study and tools	Lecturing
3	Basic work flow schemas	Lecturing
4	Work flow schemas	Lecturing
5	Applications the methods study to the work stations and work study principles	Lecturing
6	Work measurement	Lecturing
7	Midterm	Exam
8	Work measurement	Lecturing
9	Time study	Lecturing
10	Time study	Lecturing
11	Job sampling	Lecturing
12	Group timing technique	Lecturing

13	Synthetic timing systems	Lecturing
14	Synthetic timing systems	Lecturing
15	Review	Lecturing
16	Final Exam	Exam

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	R.M. Barnes, Motion and Time Study, John Wiley and Sons.		

Method of Assessment

#	Weight	Work Type	Work Title
1	40%	Mid-Term Exam	Mid-Term Exam
2	60%	Final Exam	Final Exam

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	Student knows the most appropriate way to do any kind of work.	2	1,2
2	Student knows how to get critical review of the work.	5	1,2
3	Student knows the productivity concept.	8	1,2
4	Student gains main knowledge on wage systems and production planning concepts.	9	1,2

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	3	42
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	2	28
3	Presentation and Seminar Preparation	0	0	0
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	3	2	6
7	Preparation for Midterm Exam	1	5	5
8	Midterm Exam	1	3	3
9	Quiz	0	0	0
10	Homework	3	4	12
11	Midterm Project	0	0	0
12	Midterm Exercise	0	0	0
13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	1	18	18
16	Final Exam	1	3	3
				117