

TOROS ÜNİVERSİTESİ

Faculty Of Engineering
Industrial Engineering (English)

Course Information

COST ANALYSIS IN ENGINEERING					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
INE342	Spring	3	0	3	3

Prerequisites and co-requisites	None
Language of instruction	English
Type	Required
Level of Course	Bachelor's
Lecturer	Prof. Dr. Yusuf Zeren
Mode of Delivery	Face to Face
Suggested Subject	None
Professional practise (internship)	None
Objectives of the Course	To develop an understanding of the creation and identification of costs. Students are expected to have enough knowledge about calculating goods and service cost. Understanding process and job order costing system. Assigning indirect cost to cost centers.
Contents of the Course	The basic concepts of cost accounting, goods / services, and the unit costs of mass production, the cost calculation methods, cost accounting to teach modern developments.

Learning Outcomes of Course

#	Learning Outcomes
1	Student uses knowledge s/he gain on accounting and cost concepts' objectives, developments and basic functions applications in industry.
2	Student gains the ability to recognize the accounting and cost management's importance
3	Student gains the ability to analyze, comment and solve the accounting and cost problems.
4	

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Basic information and concepts	Lecturing
2	Classification of Costs-Fixed Costs, Variable Costs, Joint Costs	Lecturing
3	Cost Systems, Financial Statements	Lecturing
4	Types of cost, the raw material costs and labor costs	Lecturing
5	Material Costs-Direct-Indirect Distinction	Lecturing
6	Economic Ordering Quantity, Inventory Control, Inventory Control Methods	Lecturing
7	Midterm Exam	Exam
8	Types of cost- General Production Costs	Lecturing
9	General Production Costs deployment issues	Lecturing
10	Order cost system	Lecturing
11	Order cost system-continuation	Lecturing
12	Process costing system	Lecturing

13	Process costing system-continuation	Lecturing
14	Examples, cost of sales and income statement	Lecturing
15	Examples, cost of sales and income statement	Lecturing
16	Final Exam	

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	Fundamentals of Engineering Economics, 2nd. Edition, Pearson International Edition, Chan S. Park		

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 uses knowledge s/he gain on accounting and cost concepts' objectives, developments and basic functions applications in industry.	10	1,2
2	Student gains the ability to recognize the accounting and cost management's importance	10	1,2
3	Student gains the ability to analyze, comment and solve the accounting and cost problems.	10	1,2
4			

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	1	14
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	0	0	0
7	Preparation for Midterm Exam	1	6	6
8	Midterm Exam	1	2	2
9	Quiz	0	0	0
10	Homework	2	2	4
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	20	20
16	Final Exam	1	2	2

