

TOROS ÜNİVERSİTESİ

Faculty Of Engineering
Industrial Engineering (English)

Course Information

STOCK CONTROL					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
INE314	Spring	3	0	3	4

Prerequisites and co-requisites	None
Language of instruction	English
Type	Elective
Level of Course	Bachelor's
Lecturer	
Mode of Delivery	Face to Face
Suggested Subject	None
Professional practise (internship)	None
Objectives of the Course	The objective of this course is to explain the basic approaches and techniques used in warehouses which are the important function of material management. Presenting technical and operational details which are used in constraction and operation stages is another objective.
Contents of the Course	Warehousing and inventory concepts, importance of warehouses in logistics, outsourcing in logistics, classification of warehouses, warehouse processes, warehouse and material handling equipment, warehouse planning and design, location selection for warehouses and distribution centers, warehouse costs and pricing, safety and hygien in warehouses

Learning Outcomes of Course

#	Learning Outcomes
1	Students are able to solve material handling problems in warehousing and production environments.
2	Students are able to increase the productivity of warehouse systems in terms of volume and processes.
3	Students are able to design warehouse systems.
4	

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Warehousing and inventory concepts	Lecturing
2	Importance of warehouses in logistics	Lecturing
3	Outsourcing in logistics	Lecturing
4	Classification of warehouses	Lecturing
5	Warehouse processes	Lecturing
6	Warehousing and material handling equipment	Lecturing
7	Midterm	Exam
8	Warehouse planning and design	Lecturing
9	Location selection for warehouses and distribution centers	Lecturing
10	Warehouse costs and pricing	Lecturing

11	Safety and hygien in warehouses	Lecturing
12	Packing and packaging	Lecturing
13	AS-RS	Lecturing
14	Warehouse layout design	Lecturing
15	Warehouse layout design	Lecturing
16	Final Exam	

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	D.R. Sule, Manufacturing Facilities, PWS, 1994		

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	Students are able to solve material handling problems in warehousing and production environments.	2	1,2
2	Students are able to increase the productivity of warehouse systems in terms of volume and processes.	3	1,2
3	Students are able to design warehouse systems.	3	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	3	42
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	0	0	0
9	Quiz	0	0	0
10	Homework	0	0	0
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	0	0	0
16	Final Exam	0	0	0

