



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Factory Organization							
Course Code		ZTM544		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	8	Workload	200 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Production and production systems, plant location selection, layout of industrial enterprises, new economy, globalization and competition, technology, technology selection and foreign capital, capacity planning, operating costs and price formation, profitability in enterprises, productivity, productivity and performance, occupational health / work safety and total quality management.							
Course Content		Production and production systems, plant location selection, layout of industrial enterprises, new economy, globalization and competition, technology, technology selection and foreign capital, capacity planning, operating costs and price formation, profitability in enterprises, productivity, productivity and performance, occupational health / work safety and total quality management.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Case Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Instructor lecture notes.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Concepts of Factory Organization and Management
2	Theoretical	Production And Production Systems
3	Theoretical	Factory Location Selection
4	Theoretical	Settlement Arrangement in Industrial Enterprises
5	Theoretical	New Economy, Globalization and Competition
6	Theoretical	Technology, Technology Selection and Foreign Capital
7	Intermediate Exam	Midterm Exam
8	Theoretical	Operating Costs and Price Formation
9	Theoretical	Profitability, Productivity, Productivity and Performance in Business
10	Theoretical	Stock management
11	Theoretical	Capacity Planning
12	Theoretical	Job Measurement and Standard Time
13	Theoretical	Repair-Maintenance and Production Planning
14	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	3	98
Assignment	6	10	5	90
Midterm Examination	1	3	3	6
Final Examination	1	3	3	6
Total Workload (Hours)				200
[Total Workload (Hours) / 25*] = ECTS				8
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Concepts of Factory Organization and Management
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2	Production And Production Systems
3	Settlement Arrangement in Industrial Enterprises
4	Technology, Technology Selection and Foreign Capital
5	Repair-Maintenance and Production Planning

Programme Outcomes (Agricultural Machinery Master)

1	Identification, formulation and solving the problems in the field of Agricultural Machinery
2	The ability to use modern engineering tools and techniques
3	The ability to use the information, which is obtained by following the scientific and technological developments, in the academic life and practice.
4	The ability to evaluate multi-faced relationship between them by understanding interaction among agricultural technology, soil, plants and animals
5	Professionalism and ethical responsibility
6	The ability to work in disciplinary and multi-disciplinary teams
7	The ability to communicate effectively
8	The ability to do research for accessing information and to use data base and other resources
9	The ability to do analyze and interpret the experimental results and the design of experiment
10	The ability to identify and interpret knowledge of current professional issues and events
11	The ability to get aware the universal and social effects of engineering solutions and applications
12	Accordance with the requirements of science and technology, ability to use scientific knowledge creative

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L2	L5
P1		5
P2	5	4
P3	5	
P5	5	4
P6	5	4
P7	5	5
P8	4	
P9	4	
P10	4	4
P11	4	
P12		4

