AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Inventory Control Methods						
Course Code		İŞLE513		Couse Level		Second Cycle (Master's Degree)		
ECTS Credit	5	Workload	127 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		This course is the general scope of inventory control methods, aims to introduce principles and methods.						
Course Content		This course is the definition of inventory control methods, scope and covers the basic methods and tools.						
Work Placement		N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Discussion					
Name of Lecturer(s)								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Tersine, R. J. (1994), Principles of Inventory and Materials Management, New Jersey, USA, PTR Prentice Hall.

Week	Weekly Detailed Course Contents	
1	Theoretical	The aim of the course, and.
2	Theoretical	Methods of demand forecasting and market analysis
3	Theoretical	Independent demand systems: Deterministic inventory models
4	Theoretical	Independent demand systems: Deterministic inventory models
5	Theoretical	Discrete demand systems: Deterministic inventory models
6	Theoretical	Discrete demand systems: Deterministic inventory models
7	Theoretical	Midterm Exams
8	Theoretical	Midterm Exams
9	Theoretical	Independent demand systems: Stochastic inventory models
10	Theoretical	Independent demand systems: Stochastic inventory models
11	Theoretical	Dependent demand systems: material requirements planning (MRP)
12	Theoretical	Dependent demand systems: material requirements planning (MRP)
13	Theoretical	Full-time production systems (Just-in-time)
14	Theoretical	Stock valuation and measurement
15	Theoretical	Integrated inventory control

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	3	70
Midterm Examination	1	25	1	26
Final Examination	1	30	1	31
			Total Workload (Hours)	127
			[Total Workload (Hours) / 25*] = **ECTS**	5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Can forecast demand.
2	Knows the structures of the theoretical methods of inventory control.
3	Gains the ability to apply the methods of inventory control at work.
4	

5	

Programme Outcomes *(Business Administration Master's Without Thesis)*

1	To equip the students from different academic backgrounds with the theoretical and practical information in the fundamental fields of business (i.e. Production management, marketing, accounting and finance, management and organization, and quantitavie me
2	Be able to make finacial analysis in micro and macro level and develop skills in the analyis of the primary and secondary markets; evaluation of the financial structure of the firms and interpretation of accounting reports and financial statements.
3	Be able to use mathematical, statistical and econometric models in the field of business develop skills for interpreting quantitative data, using data in the decision making process and be able to use statistical forecasting methods
4	To have knowledge about the management techniques, be able to assume responsibility in dealing with unforeseeable and complex problems as an individual and group member and develop leadership and communication skills.
5	Be able to understand principles of marketing, marketing research, market share estimation, market segmentation, market positioning, target markets, marketing mix and the place of marketing department in a business organization, the concept of internation

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

	L1	L2	L3	L4	L5
P1	3	4	4	4	4
P2	3	3	3	2	3
P3	4	5	5	3	5
P4	3	3	3	5	2
P5	3	3	3	3	3