



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Quality Control							
Course Code		İŞLE631		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	127 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		This course is the realization of production and the continuing development of our students to perform quality control at each stage they need to know in order to generate the theoretical and conceptual infrastructure, production decisions in granting executive candidates to furnish informational purposes.							
Course Content		Provision of the necessary conditions for the production of high quality, great quality and reliability demands of processes can be controlled and the student will be given to the infrastructure needed to meet demands.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)		Lec. Esin SAYIN							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	KOBU, Bülent, Üretim Yönetimi, Beta Yayınları.
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Week	Weekly Detailed Course Contents	
1	Theoretical	The concept of quality, inspection, reliability
2	Theoretical	Total quality management
3	Theoretical	Total quality management tools
4	Theoretical	Quality control
5	Theoretical	Quality control tools, charts,
6	Theoretical	Graphical methods
7	Intermediate Exam	Midterm Exams
8	Intermediate Exam	Midterm Exams
9	Theoretical	Quality control limits of tolerance
10	Theoretical	Statistical experimental design
11	Theoretical	Quality function deployment
12	Theoretical	And analysis of the effects of error type
13	Theoretical	Reliability analysis of systems
14	Theoretical	Quality control chart applications
15	Theoretical	Influence the efficiency of quality 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	Problems in getting the business of providing support to production and quality decisions,
2	Understanding the concepts of quality control and grip on the developments in the field,
3	Comprehension of the content of total quality management,



4	Knowing and applying the quality control approaches,
5	To obtain theoretical knowledge in the field of quality and productivity, to create the necessary tables and calculations,
6	Apply mathematical and statistical sciences in the field of quality control.

#### Programme Outcomes (Business Administration Doctorate)

1	To be able do and report scientific research and acquire skills for doing independent work
2	Have ethical sensitivity in planning and carrying out a scientific work
3	Be able to use the qualitative and quantitative research techniques appropriately in scientific work
4	Acquire team working skills to carry out disciplinary and interdisciplinary work
5	Develop competencies for preparing projects for business
6	Acquire skills for initiative, creativity and acting independent
7	Be able to adjust to new circumstances and gain problem solving skills
8	Be able to convey thoughts and suggestions supported by the qualitative and quantitative data effectively to the experts and non-experts of the area using written, verbal and non-verbal communication skills
9	Gain the necessary experience and capabilities for a productive and competent career in teaching and research
10	Be able to select and use the appropriate mathematical and statistical methods in scientific work.

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

	L1	L2	L3	L4	L5	L6
P1	3	4	3	4	3	5
P2	3	4	3	2	3	4
P3	4	4	3	3	3	4
P4	4	3	4	5	4	4
P5	4	3	4	4	4	3
P6	3	3	3	4	4	3
P7	3	3	3	3	2	3
P8	3	3	3	3	2	3
P9	3	3	3	4	2	3
P10	3	3	3	4	4	3

