AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	System Analysis and Design I						
Course Code	TTİ291		Couse Level	Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	78 *(Hours)*	Theory	1	Practice	1	Laboratory	0
Objectives of the Course	In this course; gaining knowledge and skills in designing, implementing and presenting application project it is intended						
Course Content	Product analysis and presentation using scientific methods and techniques for the project product to be prepared						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Project Based Study			
Name of Lecturer(s)							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Scientific articles and publications

Week	Weekly Detailed Course Contents	
1	Theoretical	Selecting a Study Subject
2	Theoretical	Providing Information Obtained
3	Theoretical	Defining System / Product Functions and Variables
4	Theoretical	Selecting the Required Materials
5	Theoretical	Providing Information Obtained
6	Theoretical	Preparing the System / Product Specification or Flow Chart
7	Theoretical	To make the program or calculations of the system / product
8	Theoretical	Midterm
9	Theoretical	To make the program or calculations of the system / product
10	Theoretical	Setting up the System / Product Environment
11	Theoretical	Installing the System / Product
12	Theoretical	Installing the System / Product
13	Theoretical	Testing the System / Product
14	Theoretical	Presenting the Outputs of the System / Product in Report

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	1	28
Lecture - Practice	14	1	1	28
Midterm Examination	1	10	1	11

Final Examination	1	10	1	11
			Total Workload (Hours)	78
			[Total Workload (Hours) / 25*] = **ECTS**	3
25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Determining the scope of the system / product
2	Detailed research on the system / product topic
3	System / product related calculations / software writing
4	To be able to do original work on the subject of the system
5	To be able to present original design

Programme Outcomes *(Textile Technology)*

1	Distinguishing textile fibers
2	Obtaining a sample thread
3	Obtaining a sample woven fabric
4	Obtaining a knitted fabric (Jersey)
5	Carring out overall discipline operations
6	Garment-making operations
7	Obtaining cotton thread
8	Obtaining cotton thread
9	Obtaining cotton thread
10	Obtaining wool thread
11	Obtaining filament thread
12	Obtaining staple thread
13	Obtaining fancy thread
14	Obtaining thread by means of new apining techniques
15	Performing fibre tests
16	Performing thread tests
17	Implementing Quality Assurance System
18	Making statistical calculations
19	Making projects
20	Practicing in a spinning mill

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	2	2	2	2	2
P2	2	2	2	2	2
P3	2	2	2	2	2
P4	2	2	2	2	2
P5	2	2	2	2	2
P6	2	2	2	2	2
P7	2	2	2	2	2
P8	2	2	2	2	2
P9	2	2	2	2	2
P10	2	2	2	2	2
P11	2	2	2	2	2
P12	2	2	2	2	2
P13	2	2	2	2	2
P14	2	2	2	2	2
P15	2	2	2	2	2
P16	2	2	2	2	2
P17	3	2	2	2	2
P18	2	2	2	3	3

P19	5	5	5	5	5
P20	4	4	4	4	4