AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	System Analysis and Design I								
Course Code	ADY205		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	In this course; The aim of this course is to provide the students with the knowledge and skills of designing, implementing and presenting application projects.								
Course Content	Identify the purpose of the system / product and its scope. To do detailed research about system / product subject. To make calculation / software related to system / product. Perform system / product Presenting system / product outputs.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Final Examination	1	100

Recommended or Required Reading	
1	Instructor's Lecture Notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Selecting a Study Subject
2	Theoretical	Providing Information Obtained as a Result of Research
3	Theoretical	Defining System Functions and Variables
4	Theoretical	Selecting the Required Materials
5	Theoretical	Selecting the Required Materials
6	Theoretical	Preparing the System Flow Chart
7	Theoretical	Calculating the System
8	Intermediate Exam	Midterm
9	Theoretical	Project drawings, production pictures
10	Theoretical	Defining the Mechanisms in the Selected System
11	Theoretical	Determining the application methods of the designed projects
12	Theoretical	Designing System's Elements or Applications
13	Theoretical	Installing the Project
14	Theoretical	Testing / Presenting Project
15	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Assignment	1	0	11	11
Midterm Examination	1	12	1	13
Final Examination	1	19	1	20
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = **ECTS**	4
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Will be able to do an integrated study and determine the work.

2	Will be able to determine solution suggestions and process steps.
3	Will be able to plan and edit the outputs of the software according to the written steps.
4	Present the studies.
5	The study will foresee possible problems.

Programme Outcomes *(Emergency and Disaster Management)*	
1	Improving the ability to cope with life-threatening emergencies
2	The awareness of the necessity of lifelong learning and the ability to do so
3	To be able to use basic science (Mathematics, Chemistry, Physiology, Anatomy etc.) in the field of Emergency Aid and Disaster Management
4	Ability to analyze and interpret hazards and risks
5	Sensitivity to global and local disasters
6	Effective communication skills and foreign language knowledge
7	Skills and creativity in interdisciplinary teams
8	Providing physical and mental stability
9	To be able to organize, search and rescue search and rescue operations
10	To reach sufficient education level to understand the effects of disasters in universal and social dimensions
11	To recognize the cooperation between actors and their actors in Emergency Aid and Disaster Management
12	Emergency Aid and Disaster Management vocational, ethical and social responsibility awareness
13	Ability to assume an educational role in Emergency Aid and Disaster Management
14	To be able to use technology effectively in the field of Emergency Aid and Disaster Management
15	Emergency Aid, Search-Rescue and Disaster Management as a whole and manage emergency situations and responsibility awareness

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	1	1	1	1	1
P4	1	1	1	1	1
P5	2	2	2	2	2
P6	3	3	3	3	3
P7	2	2	2	2	2
P8	1	1	1	1	1
P9	1	1	1	1	1
P10	1	1	1	1	1
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