



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Search and Rescue Studies I							
Course Code		ADY211		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	5	Workload	125 (<i>Hours</i>)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The end of the work accident Teaching the students methods and methods to be applied during the search and rescue work for the workers and staff who are waiting for the lost or rescued							
Course Content		Reasons for Accident / General Conditions of Action / Accident Plan: Motion planning / Requesting Help / Going to Request Help / Search Organization / Search Methods / First Aid Information / Map Compass Information / Wireless Information / Safety Belt Making / Stretching Stretch / Roller Systems / Evacuation Methods / Rescue Techniques / Tools, Materials, Equipment and Protective Equipment Selection / Usage / Preparation.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Istanbul Metropolitan Municipality Fire Department Urban Search and Rescue 2012
2	Istanbul Metropolitan Municipality Fire Department Urban Search and Rescue 2012

Week	Weekly Detailed Course Contents	
1	Theoretical	Disaster and Industrial Accidents
2	Theoretical	Fire, Earthquake, Flood
3	Theoretical	Avalanche, rockfall, hose, storm, hurricane, etc. Other Disasters
4	Theoretical	Reason for Accident / Emergency Management
5	Theoretical	Action Plans for Disasters and Industrial Accidents
6	Theoretical	General Principles in Search and Rescue / Requesting Help / Search Organization
7	Theoretical	Search Methods / First Aid Information
8	Intermediate Exam	Midterm
9	Theoretical	Putting on Stretcher / Roller Systems
10	Theoretical	Rescue Techniques / Tools, Materials, Materials
11	Theoretical	GIS based spatial analysis applications
12	Theoretical	Rescue Techniques / Tools, Materials, Materials
13	Theoretical	Selecting / Using / Preparing Equipment and Protective Equipment
14	Theoretical	Seminer
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Lecture - Practice	14	0	2	28
Assignment	2	8	0	16
Midterm Examination	1	15	1	16



Final Examination	1	22	1	23
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Students will be able to search and rescue in nature
2	Knows the structure of International Search and Rescue Advisory Group (INSARAG)
3	Ability to Learn Urban Search and Rescue
4	Use Search and Rescue Equipments
5	

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	5	5	5	5	5
P3	5	5	4	4	4
P4	4	4	4	4	4
P6	4	4	4	4	4
P7	4	4	4	4	4
P8	4	4	4	4	4
P9	5	5	5	5	5
P13	2	2	2	2	2
P14	5	5	5	5	5
P15	5	5	5	5	5

