



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Firefighting and Fire Safety							
Course Code		ADY214		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Fire Intervention Concept; Headquarters studies (Planning of transportation to the settlement unit and determination of risk, preparation of tools, equipment, materials and personnel, notification (call) evaluation, assignment and assignment of teams); Power of affection and transportation (fire movement); Crime scene studies (research, fire center detection, risk assessment, environmental safety); Preparation for intervention (Strategy, Security and fireplace hazards, Settling of teams, Organization of teams); Intervention techniques (Entry to the building, Rescue, Controlling, Extinguishing, Cooling); Water supply; Fire intervention exercises							
Course Content		Fire fighting methods, fire extinguishing principles and fire extinguishing materials, fire protection measures in buildings, automatic fire detection systems.							
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	70

### Recommended or Required Reading

1	Instructor's lecture notes
2	Fire Fighting Book of Istanbul Fire Department

Week	Weekly Detailed Course Contents	
1	Theoretical	Introducing concepts of general disaster information and disaster prevention culture
2	Theoretical	What is Fire Safety?
3	Theoretical	What is Fire Safety?
4	Theoretical	Prevention, extinguishing
5	Theoretical	Prevention, extinguishing
6	Theoretical	History of firefighters,
7	Theoretical	Situation in the Past, Present Situation
8	Intermediate Exam	Midterm
9	Theoretical	Situation in World Countries
10	Theoretical	Fire Brigade Organization, Local, Voluntary, Military, Industry, Forest, Sea, Air.
11	Theoretical	Firefighting and Fireman's Tasks
12	Theoretical	Fire safety concept and general definition of industry in this direction.
13	Theoretical	Promotion of Working Areas
14	Theoretical	Motivation
15	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	8	1	9



Final Examination	1	12	1	13
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Learning to get Fire Notice
2	To know how to get in and out of the building
3	Learning team setup and fire extinguishing procedures
4	Learning of automatic fire detection and extinguishing systems
5	Knowing the structure of fire department

### 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	3	1	5	4	4
P2	2	5	5	4	3
P3	2	5	5	2	3
P4	4	5	5	2	4
P5	5	4	5	2	3
P6	5	4	5	2	3
P7	5	4	5	1	3
P8	1	4	1	1	3
P9	5	5	4	1	3
P10	5	5	4	1	3
P11	5	5	5	1	4
P12	5	1	5	1	4
P13	5	2	5	1	4
P14	5	2	5	5	4
P15		2	5	5	4

