



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Combustion and Fire Information							
Course Code		ADY118		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		This derste; to gain the application qualifications of quality management systems.							
Course Content		Definition of quality, standard and standardization, strategic management and process management are given							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

2	Samsun Metropolitan Municipality Fire Department Fire Course Book, (2015)
3	3. Öğretim elemanı ders notları

Week	Weekly Detailed Course Contents	
1	Theoretical	Combustion Information
2	Theoretical	Fire Information
3	Theoretical	Fire Fighting Principles
4	Theoretical	Fire classes
5	Theoretical	Fire classes
6	Theoretical	Causes of Fire
7	Theoretical	Fire Prevention Measures
8	Intermediate Exam	Midterm
9	Theoretical	Portable Fire Extinguishing Materials
10	Theoretical	Toxic gases in the fire
11	Theoretical	Fuel Fires and Fighting
12	Theoretical	LPG and Natural Gas Information
13	Theoretical	Dangers on Fire
14	Theoretical	An overview
15	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Midterm Examination	1	12	1	13



Final Examination	1	19	1	20
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To learn the elements of combustion
2	To learn the causes of fire
3	Learning Fire Extinguishing Principles
4	Learning about Fire Extinguishing Materials
5	Learning to use Portable Fire Extinguishing Materials
6	Learning Toxic Gases and First Aid
7	Learning LPG and Natural Gas Fires

### 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	L6	L7
P1	4	4	4	4	4	4	4
P2	2	2	2	2	2	2	2
P3	1	1	1	1	1	1	1
P4	5	5	5	5	5	4	4
P5	1	1	1	1	1	1	1
P6	1	1	1	1	1	1	1
P7	1	1	1	1	1	1	1
P8	2	2	2	2	2	2	2
P9	4	4	4	4	4	4	4
P10	3	3	3	3	3	3	3
P11	3	3	3	3	3	3	3
P12	2	2	3	3	3	3	3
P13	2	2	3	3	3	3	3
P14	2	2	5	5	5	4	4
P15	3	3	5	5	5	4	4

