



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Information System and Communication in Disasters							
Course Code		ADY212		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To have information about communication and communication between professional teams in Extraordinary Situations and Disasters.							
Course Content		Introduction of the course, presentation of the general framework of topics related to disaster communication, definition of the basic terminology of the course, communication concept, related national and international legislation, types of communication, devices used in communication, national and international phonetic alphabet, call signs, emergency communication management, status communication planning							
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
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Week	Weekly Detailed Course Contents	
1	Theoretical	General presentation of the course, presentation of the general framework of topics related to communication in disasters, definition of the basic terminology of the course
2	Theoretical	Communication concept, related national and international legislation
3	Theoretical	Types of communication, devices used in communication
4	Theoretical	National and international phonetic alphabet, call signs
5	Theoretical	Emergency communication management
6	Theoretical	Emergency communication planning
7	Theoretical	Terrestrial systems, VHF-UHF
8	Intermediate Exam	Midterm
9	Theoretical	Terrestrial Systems, HF- Mobile radios
10	Theoretical	Celestial systems, satellite communication, mobile systems
11	Theoretical	Communication in call center, locating systems
12	Theoretical	Event location communication, power supplies, antennas
13	Theoretical	New technologies, applications in the world
14	Theoretical	general evaluation
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	To be equipped with general information about disaster communication,
2	To be able to comprehend and interpret communication types and basic stages in disaster communication,
3	Having information about national and international legislation related to disaster communication,
4	To be able to learn basic electronic issues in disaster communication,
5	To be able to learn technical communication issues,
6	To be able to learn social communication methods and tools with communication oriented institutions and organizations.

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

