

EXPLOSIVES AND MEASUREMENTS

1	Course Title:	EXPLOSIVES AND MEASUREMENTS
2	Course Code:	GUVS002
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	N/A
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr.Gör. GÜLSEN ALKAÇ ÖZDEMİR
15	Course Lecturers:	Öğr. Gör. Celal UZUN
16	Contact information of the Course Coordinator:	celaluzun@uludag.edu.tr 0224 2615540/60516 Ali Osman Sönmez Kampusu Osmangazi/BURSA
17	Website:	
18	Objective of the Course:	To teach methods of intervention on explosive substances
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Knowing how to intervene suspected cases
	2	Working in the field of explosives for governmental entities
	3	Knowing how to act in the case of threat
	4	Knowing how to take measures in case of explosion
	5	Knowing how to take measures against incidents that may occur in the sea ports
	6	Knowing how to take measures against incidents that may occur in the airports
	7	Knowing how to measures against incidents that may occur in shopping centers and similar places
	8	Knowing how to take first aid measures after explosion
	9	
	10	
21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	The definition of explosive substances	
2	Types of explosives	

3	Characteristics of explosive materials	
4	Suspicious substances	
5	Suspicious substances and safeguard measures	
6	Types of bombs	
7	Bomb alerts	
8	Mid-term exam and course repetition	
9	Protection technologies against explosive materials	
10	Bombs sent through the mail	
11	Package type bombs	
12	Transactions against unknown suspicious substances	
13	Searching at a place where a bomb threat is made	
14	Methods applied to a notice of a bomb by telephone	

Activites		Number	Duration (hour)	Total Work Load (hour)
23	Assesment			
Theoretical		14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preparation		14	2.00	28.00
Homeworks		0	0.00	0.00
Projects				
Home work-project		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		2	7.00	14.00
Total				
Others		0	0.00	0.00
Success Grade		1	20.00	20.00
Total Work Load				104.00
Total work load/ 30 hr		100.00		3.00
ECTS Credit of the Course				3.00

Course		
24	ECTS / WORK LOAD TABLE	

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	2	2	3	4	1	2	1	1	1	2	1	0	0	0	0	0
ÖK2	2	2	3	4	1	2	1	1	1	2	1	0	0	0	0	0
ÖK3	2	2	3	4	1	2	1	1	1	2	1	0	0	0	0	0

ÖK4	2	2	3	4	1	2	1	1	1	2	1	0	0	0	0	0
ÖK5	2	2	3	4	1	2	1	1	1	2	1	0	0	0	0	0
ÖK6	2	2	3	4	1	2	1	1	1	2	1	0	0	0	0	0
ÖK7	2	2	3	4	1	2	1	1	1	2	1	0	0	0	0	0
ÖK8	2	2	3	4	1	2	1	1	1	2	1	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			