

EXPLOSIVE MATERIALS AND PRECAUTIONS

1	Course Title:	EXPLOSIVE MATERIALS AND PRECAUTIONS	
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):	1.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	N/A	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr. Gör. EMRAH AKAY	
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları	
16	Contact information of the Course Coordinator:	Öğr. Gör. Kemal TEMEL kemaltemel@uludag.edu.tr 0224 2615540/60534 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:	At the end of this course, students will have the knowledge of how to intervene when encountering explosive substance systems in working life.	
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	

22	Textbooks, References and/or Other Materials:	
23	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course	Assessment and Evaluation is carried out according to the principles of Bursa Uludağ University Associate and Undergraduate Education Directing.	
24	ECTS / WORK LOAD TABLE	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	2.00	28.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	14.00	14.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			104.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

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	3	3	3	4	4	3	4	3	4	3	4	3	3	4	3	5
ÖK2	3	4	3	4	4	2	3	3	3	4	3	3	4	3	3	3
ÖK3	3	4	3	4	3	3	4	3	3	4	3	4	3	3	4	5
ÖK4	3	4	3	4	3	4	3	3	3	3	3	3	4	3	4	3
ÖK5	3	3	3	4	3	4	3	3	4	3	3	3	4	3	4	3
ÖK6	3	3	4	4	3	3	3	3	4	3	4	3	4	3	3	4
ÖK7	3	4	3	2	3	3	3	4	3	3	3	4	3	4	3	4
ÖK8	3	3	3	4	3	3	3	5	3	3	4	3	3	3	4	3
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low			3 Medium			4 High			5 Very High				