

# EXPLOSIVES AND MEASUREMENTS

<b>1</b>	Course Title:	EXPLOSIVES AND MEASUREMENTS	
<b>2</b>	Course Code:	GUVS002	
<b>3</b>	Type of Course:	Optional	
<b>4</b>	Level of Course:	Short Cycle	
<b>5</b>	Year of Study:	1	
<b>6</b>	Semester:	2	
<b>7</b>	ECTS Credits Allocated:	3.00	
<b>8</b>	Theoretical (hour/week):	2.00	
<b>9</b>	Practice (hour/week):	0.00	
<b>10</b>	Laboratory (hour/week):	0	
<b>11</b>	Prerequisites:	N/A	
<b>12</b>	Language:	Turkish	
<b>13</b>	Mode of Delivery:	Face to face	
<b>14</b>	Course Coordinator:	Öğr.Gör. GÜLSEN ALKAÇ ÖZDEMİR	
<b>15</b>	Course Lecturers:	Öğr. Gör. Celal UZUN	
<b>16</b>	Contact information of the Course Coordinator:	celaluzun@uludag.edu.tr 0224 2615540/60516 Ali Osman Sönmez Kampusu Osmangazi/BURSA	
<b>17</b>	Website:		
<b>18</b>	Objective of the Course:	To teach methods of intervention on explosive substances	
<b>19</b>	Contribution of the Course to Professional Development:		
<b>20</b>	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	
<b>21</b>	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
<b>1</b>	The definition of explosive substances		
<b>2</b>	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 Theoretical Assessment	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	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	2	7.00	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	100.00		3.00
ECTS Credit of the Course			3.00

**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**

<b>Contribution Level:</b>	<b>1 very low</b>	<b>2 low</b>	<b>3 Medium</b>	<b>4 High</b>	<b>5 Very High</b>
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