

OCCUPATIONAL HEALTH AND SAFETY I

1	Course Title:	OCCUPATIONAL HEALTH AND SAFETY I	
2	Course Code:	ISG201	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	2.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Abdulvahap Yiğit	
15	Course Lecturers:	Doç.Dr. Nurettin Yamankaradeniz	
16	Contact information of the Course Coordinator:	Doç.Dr. Fatih Karpat	
17	Website:		
18	Objective of the Course:	Teaching of basic theoretical information occupational health and safety field, basic legal arrangements on OHS law in Turkey; especially duties, competencies and responsibilities of the naval architects. To inform causes and effects of occupational accidents and illnesses and basic courses about preventive practices and basic legal arrangements in the machine industry.	
19	Contribution of the Course to Professional Development:	Contribution to academic development	
20	Learning Outcomes:		
		1	Students shall learn the basic concepts related to occupational safety and health of workers
		2	To learn the causes and measures to be taken to prevent accidents at work and occupational diseases.
		3	Students shall adopt risk, prevention, and safety culture.
		4	To learn the causes of work-related accidents and the measures to be taken in Machine Industry
		5	Students shall understand Engineer's responsibility the terms of occupational safety
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21	Course Content:		
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Week	Theoretical	Practice	
1	Theoretical framework, definitions and scope of occupational health and safety. Cost of occupational accidents and illnesses		

2	Theoretical framework, definitions and scope of occupational health and safety. Cost of occupational accidents and illnesses	
3	Economical dimensions of occupational accidents and illnesses, importance of OHS for he enterprises	
4	Economical dimensions of occupational accidents and illnesses, importance of OHS for he enterprises	
5	Analysis of the risky fields-sectors of Turkey in OHS	
6	Analysis of the risky fields-sectors of Turkey in OHS	
7	Causes of occupational accidents and illnesses: physical, ergonomic, chemical, biological, individual and psycho-social risks	
8	Causes of occupational accidents and illnesses: physical, ergonomic, chemical, biological, individual and psycho-social risks	
9	Components of preventive OHS approach: Risk Assessment and Management, Ergonomic Precautions, Organizing the OHS Activities	
10	Components of preventive OHS approach: Risk Assessment and Management, Ergonomic Precautions, Organizing the OHS Activities	
11	Components of preventive OHS approach: OHSAS 18001 Management System, Training, Regular Sanitary Control ve Occupational Physician, OHS on employing process	
12	Components of preventive OHS approach: OHSAS 18001 Management System, Training, Regular Sanitary Control ve Occupational Physician, OHS on employing process	
13	National and international standartds and conventions in OHS. The legal arrangements concerned with OHS in Turkey: OHS in Acts	
14	National and international standartds and conventions in OHS. The legal arrangements concerned with OHS in Turkey: OHS in Acts	
22	Textbooks, References and/or Other Materials:	##Yılmaz, F., "İş Sağlığı ve Güvenliği Ders Notları" ##Yelekçi, M., "İşçi Sağlığı-İş Güvenliği İş Emniyeti" ##Esin, A., ESİN "İş Sağlığı ve Güvenliği"
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBE R
Midterm Exam		1
Quiz		0
Home work-project		0
Final Exam		1
Total		2
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

Measurement and evaluation are performed according to the Rules & Regulations of Bursa Uludağ University on Undergraduate Education.

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	5	2.00	10.00
Homeworks	4	2.00	8.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	6.00	6.00
Others	0	0.00	0.00
Final Exams	1	10.00	10.00
Total Work Load			62.00
Total work load/ 30 hr			2.07
ECTS Credit of the Course			2.00

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CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
ÖK2	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	5	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
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