

DEPARTMENT OF ENERGY SCIENCE AND TECHNOLOGIES
COURSE SYLLABUS

Course Details						
Code		Academic Year			Semester	
ISG002		4			8	
Title		T	A	L	ECTS	
Occupational Safety and Health II		2	0	0	2	
Language	German					
Level	Undergraduate	X	Graduate		Postgraduate	
Department / Program	Energy Science and Technologies					
Forms of Teaching and Learning	Face to face					
Course Type	Compulsory	X	Elective			
Objectives	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 shipyard industry.					
Content	Theoretical framework of occupational health and safety (OHS), national and international standards of the OHS; causes and effects of occupational accidents and illnesses and basic courses about preventive practices, basic legal arrangements on OHS law in Turkey, case studies and civil jurisdictions of Court of Appeals, analysis of the occupational accidents in shipyard industry.					
Prerequisites						
Coordinator						
Lecturer(s)						
Assistant(s)						
Work Placement	No					
Recommended or Required Reading						
Books / Lecture Notes	Yılmaz, F., Occupational Health and Safety Textbook” Yelekçi, M., “Worker Health and Safety” Esin, A., "Occupational Health and Safety" Çelebi, U.B., "Occupational Health and Safety in Shipyard Textbook"					
Other Sources	Yılmaz, F., Occupational Health and Safety Textbook” Yelekçi, M., “Worker Health and Safety” Esin, A., "Occupational Health and Safety" Çelebi, U.B., "Occupational Health and Safety in Shipyard Textbook"					
Additional Course Material						
Documents						
Assignments						
Exams						
Course Composition						
Mathematics und Basic					%	

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Sciences		
Engineering		%
Engineering Design		%
Social Sciences		%
Educational Sciences		%
Natural Sciences		%
Health Sciences		%
Expert Knowledge		%

Assessment

Activity	Count	Percentage (%)
Midterm Exam	1	40
Quiz		
Assignments		
Attendance		
Recitations		
Projects		
Final Exam	1	60
Total		100

ECTS Points and Work Load

Activity	Count	Duration	Work Load (Hours)
Lectures	14	2	28
Self-Study	14	2	28
Assignments			
Presentation / Seminar Preparation			
Midterm Exam	1	3	3
Recitations			
Laboratory			
Projects			
Final Exam	1	3	3
Total Work Load			62
ECTS Points (Total Work Load / Hours)			2

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 Ship Building Industry

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5	Students shall understand Engineer's responsibility the terms of occupational safety
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Weekly Content

1	
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14	
15	

Contribution of Learning Outcomes to Program Objectives (1-5)

	P1	P2	P3	P4	P5	P6	P7
1							
2							
3							
4							
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7							
8							
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10							
11							
12							
Contribution Level		1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High					
Compiled by:							
Date of Compilation:							