DEPARTMENT OF MOLECULAR BIOTECHNOLOGY
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	Molecular Biotechnology					
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

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Mathematics und Basic 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

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4	To learn the causes of work-related accidents and the measures to be taken in Ship Building Industry
5	Students shall understand Engineer's responsibility the terms of occupational safety
6	
7	
8	
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12	
Weekly Content	
1	
2	
3	
4	
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6	
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10	
11	
12	
13	
14	
15	

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

	P1	P2	P3	P4	P5	P6	P7
1							
2							
3							
4							
5							
6							
7							

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8							
9							
10							
11							
12							

Contribution Level	1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High
Compiled by:	
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