

Medicine			
Bachelor	TR-NQF-HE: Level 7	QF-EHEA: Second Cycle	EQF-LLL: Level 7

Course Introduction and Application Information

Course Code:	UNI118		
Course Name:	Occupational health and Safety		
Semester:	Spring Fall		
Course Credits:	<div>ECTS</div> <div>5</div>		
Language of instruction:	Turkish		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	University Elective		
Course Level:	<div>Bachelor</div> <div>TR-NQF-HE:7. Master`s Degree</div> <div>QF-EHEA:Second Cycle</div> <div>EQF-LLL:7. Master`s Degree</div>		
Mode of Delivery:	Face to face		
Course Coordinator:	Öğr. Gör. STAFF		
Course Lecturer(s):	Prof. Dr. FAHRİ ERENEL		
Course Assistants:			

Course Objective and Content

Course Objectives:	Establishing a health and safety culture, adopting the concept of occupational health and safety in this framework, learning the rights and responsibilities of employees and employers in this area, learning the sources of danger in the working environment and making risk assessment, learning the basic principles of work accidents and occupational diseases, learning the basic first aid principles.
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Course Content:	Health and Safety Culture, Basic Concepts of Occupational Health and Safety, Rights and Liabilities, Source of Danger in Workplaces, Risk Assessment, Occupational Accident and Occupational Diseases, Principle of Basic First Aid
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Learning Outcomes

The students who have succeeded in this course;

- 1) Knows the basic concepts of Occupational Health and Safety,
- 2) Knows the legislation on Occupational Health and Safety,
- 3) Understands the relevant rights and responsibilities in terms of employees and employers,
- 4) Make a risk assessment by noticing the sources of danger in various working environments,
- 5) Understands the causes of work accident and occupational disease, can prevent accidents with a preventive approach,
- 6) Basic first aid awareness increases.

Course Flow Plan

Week	Subject	Related Preparation
1)	General information about the course, Health and Safety Culture, Basic Concepts of OHS	
2)	OHS Legislation and Standard, Rights and Obligations	
3)	Definitions of Work Accident/ Near Miss/ Occupational Disease and Legal Consequences Resulting From These	
4)	Key Sources of Danger	
5)	OHS in Working at Height and Construction Works	
6)	OHS and Fire in Electrical Works	
7)	OHS, Environmental Health and Waste Management in Laboratory Studies	
8)	Mindterm	
9)	Accident Theories and General Safety Rules for All Employees	
10)	Hazard-Risk Relationship and Risk Assessment	
11)	Health and Safety Signs, Personal Protective Equipment	
12)	Emergency Management	
13)	Occupational Diseases and Work-Related Diseases	

14)	Basic First Aid	
15)	Final examination	

Sources

Course Notes / Textbooks:	Ders Notları (Neslihan Türkoğlu)
References:	Ders Notları (Neslihan Türkoğlu)

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5	6
Program Outcomes						
1) When Istinye University Faculty of Medicine student is graduated who knows the historical development of medicine, medical practices, and the medical profession and their importance for society.						
2) knows the normal structure and function of the human body at the level of molecules, cells, tissues, organs and systems.						
3) is capable of systematically taking an accurate and effective social and medical history from their patients and make a comprehensive physical examination.						
4) knows the laboratory procedures related to diseases; In primary care, the necessary material (blood, urine, etc.) can be obtained from the patient with appropriate methods and can perform the necessary laboratory procedures for diagnosis and follow-up or request laboratory tests.						
5) can distinguish pathological changes in structure and functions during diseases from physiological changes and can Interpret the patient's history, physical examination, laboratory and imaging findings, and arrive at a pre-diagnosis and diagnosis of the patient's problem.						
6) knows, plans and applies primary care and emergency medical treatment practices, rehabilitation stages.						
7) can keep patient records accurately and efficiently, know the importance of confidentiality of patient information and records, and protects this privacy.						
8) knows the clinical decision-making process, evidence-based medicine practices and current approaches.						
9) knows and applies the basic principles of preventive health measures and the protection of individuals from diseases and improving health, and						

recognizes the individual and/or society at risk, undertakes the responsibility Course Learning Outcomes of the physician in public health problems such as epidemics and pandemics.	1	2	3	4	5	6
10) knows the biopsychosocial approach, evaluates the causes of diseases by considering the individual and his / her environment.						
11) is capable of having effective oral and/or written communication with patients and their relatives, society and colleagues.						
12) knows the techniques, methods and rules of researching. It contributes to the creation, sharing, implementation and development of new professional knowledge and practices by using science and scientific method within the framework of ethical rules.						
13) can collect health data, analyze them, present them in summary, and prepare forensic reports.						
14) knows the place of physicians as an educator, administrator and researcher in delivery of health care. It takes responsibility for the professional and personal development of own and colleagues in all interdisciplinary teams established to increase the health level of the society.						
15) knows employee health, environment and occupational safety issues and takes responsibility when necessary.						
16) knows health policies and is able to evaluate their effects in the field of application.						
17) keeps medical knowledge up-to-date within the framework of lifelong learning responsibility.						
18) applies own profession by knowing about ethical obligations and legal responsibilities, prioritizing human values and with self-sacrifice throughout own medical life.						

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	When Istinye University Faculty of Medicine student is graduated who knows the historical development of medicine, medical practices, and the medical profession and their importance for society.	

2)	knows the normal structure and function of the human body at the level of molecules, cells, tissues, organs and systems.	
3)	is capable of systematically taking an accurate and effective social and medical history from their patients and make a comprehensive physical examination.	
4)	knows the laboratory procedures related to diseases; In primary care, the necessary material (blood, urine, etc.) can be obtained from the patient with appropriate methods and can perform the necessary laboratory procedures for diagnosis and follow-up or request laboratory tests.	
5)	can distinguish pathological changes in structure and functions during diseases from physiological changes and can Interpret the patient's history, physical examination, laboratory and imaging findings, and arrive at a pre-diagnosis and diagnosis of the patient's problem.	
6)	knows, plans and applies primary care and emergency medical treatment practices, rehabilitation stages.	
7)	can keep patient records accurately and efficiently, know the importance of confidentiality of patient information and records, and protects this privacy.	
8)	knows the clinical decision-making process, evidence-based medicine practices and current approaches.	
9)	knows and applies the basic principles of preventive health measures and the protection of individuals from diseases and improving health, and recognizes the individual and/or society at risk, undertakes the responsibility of the physician in public health problems such as epidemics and pandemics.	
10)	knows the biopsychosocial approach, evaluates the causes of diseases by considering the individual and his / her environment.	
11)	is capable of having effective oral and/or written communication with patients and their relatives, society and colleagues.	
12)	knows the techniques, methods and rules of researching. It contributes to the creation, sharing, implementation and development of new professional knowledge and practices by using science and scientific method within the framework of ethical rules.	
13)	can collect health data, analyze them, present them in summary, and prepare forensic reports.	
14)	knows the place of physicians as an educator, administrator and researcher in delivery of health care. It takes responsibility for the professional and personal development of own and colleagues in all interdisciplinary teams established to increase the health level of the	

	society.	
15)	knows employee health, environment and occupational safety issues and takes responsibility when necessary.	
16)	knows health policies and is able to evaluate their effects in the field of application.	
17)	keeps medical knowledge up-to-date within the framework of lifelong learning responsibility.	
18)	applies own profession by knowing about ethical obligations and legal responsibilities, prioritizing human values and with self-sacrifice throughout own medical life.	

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Midterms	1	% 40
Final	1	% 60
total		% 100
PERCENTAGE OF SEMESTER WORK		% 40
PERCENTAGE OF FINAL WORK		% 60
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Preparation for the Activity	Spent for the Activity Itself	Completing the Activity Requirements	Workload
Course Hours	14	0			0
Midterms	1	0			0
Final	1	0			0
Total Workload					0