

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

Course Introduction and Application Information

Course Code:	UNI169		
Course Name:	Occupational health and Safety		
Semester:	Spring Fall		
Course Credits:	<div>ECTS</div> <div>5</div>		
Language of instruction:			
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	University Elective		
Course Level:	<div> <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> </div>		
Mode of Delivery:	E-Learning		
Course Coordinator:	Prof. Dr. FAHRİ ERENEL		
Course Lecturer(s):	Prof.Dr. Fahri Erenel		
Course Assistants:			

Course Objective and Content

Course Objectives:	It is aimed to teach labor law, occupational safety concepts, hazard and risk concepts, to recognize risk factors, to develop a sensitivity to the concept of danger, to create a culture of occupational safety, to learn preventive actions to reduce the causes of occupational accidents by examining accident theories.

Course Content:	Basic Concepts of Labor Law and Occupational Health and Safety, Risk Factors and Types, Environmental Surveillance, Causes of Work Accidents and Occupational Diseases, Preventive Measures and Occupational Safety Culture,
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Learning Outcomes

The students who have succeeded in this course;

- 1) Learns the concepts of danger and risk,
- 2) Learns risk factors and types,
- 3) Knows the situations and factors that may cause work accidents and occupational diseases,
- 4) Knows accident theories and adopts occupational safety culture
- 5) Knows the basic concepts of labor law.

Course Flow Plan

Week	Subject	Related Preparation
1)	Information about the Process of the Course Disaster and Emergency Management	-
2)	Development, Purpose, Importance of Occupational Health and Safety Concepts and Rules, Experienced Events Occupational Health and Safety in Türkiye and the World	-
3)	Causes of Work Accidents and Occupational Diseases and Costs That May Incur Attention and the Human Factor	-
4)	International and National Legislation and Obligations Regarding Occupational Health and Safety	-
5)	Basis of the Employer's Obligation to Supervise/Protect the Worker	-
6)	Hazard-Risk Relationship, Risk Factors	-
7)	Midterm	-
8)	Risk Assessment and Risk Management Risk Assessment in Apartments	-
9)	Occupational Health and Safety Organization in the Workplace	-
10)	Fire and Emergency Management	-
11)	Work Environment Surveillance Protection Policies	-
12)	Occupational Hygiene Occupational Diseases,	-
13)	Security Culture Occupational Health and Safety Management Systems	-
14)	Warning Signs, Protective Equipment, Accident Investigation Elevator Maintenance and	-

	Inspection	
15)	Final Exam	-

Sources

Course Notes / Textbooks:	Dursun, S., (2012). İş Güvenliği Kültürü. Beta Yayınları. Esin, A., (2014). İş Güvenliği Uzmanı El Kitabı. ODTÜ Yayıncılık
References:	İş Hukuku, İş Sağlığı ve Güvenliği ile İlgili Dergiler ve Web Sayfaları

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5
Program Outcomes					
1) The graduate integrates the knowledge, skills, attitudes, and behaviours acquired from basic and clinical sciences, behavioural sciences, and social sciences in the form of competencies and uses them for the provision of rational, effective, safe health care services in accordance with quality standards in the prevention, diagnosis, treatment, follow-up, and rehabilitation processes, and during the process considers protection of both patient's health and healthcare workers health including her/his own.					
2) The graduate shows a biopsychosocial approach in patient management that considers the sociodemographic and sociocultural background of the individual without discrimination of language, religion, race, and gender.					
3) The graduate prioritizes the protection and development of the health of individuals and society in the provision of health care services.					
4) The graduate, considering the individual, social, public, and environmental factors affecting health; works towards maintaining and improving the state of health.					
5) In the provision of health care services, the graduate considers both the changes in the physical and socioeconomic environment on a regional and global scale that affect health, as well as the changes in the individual characteristics and behaviours of the people who apply to her/him.					
6) The graduate recognizes the characteristics, needs and expectations of the target population and provides health education to healthy/sick individuals and their relatives and other health care workers.					
7) While carrying out her/his profession, the graduate fulfils her/his duties and obligations with determined behaviours to provide high-quality health care within the					

framework of ethical principles, rights and legal responsibilities and good medical practices, considering the integrity, privacy, and dignity of the patient.	1	2	3	4	5
Course Learning Outcomes					
8) The graduate evaluates and improves her/his own performance in professional practices in terms of emotions, cognitive characteristics, and behaviours.					
9) The graduate physician advocates improving the provision of health services by considering the concepts of social reliability and social commitment to protect and improve public health.					
10) To protect and improve health, the graduate physician can plan and carry out service delivery, training and consultancy processes related to individual and community health in cooperation with all components.					
11) The graduate physician evaluates the impact of health policies and practices on individual and community health indicators and advocates increasing the quality of health services.					
12) The graduate physician attaches importance to protecting and improving her/his own physical, mental, and social health, and does what is necessary for this.					
13) During the provision of health care, the graduate shows exemplary behaviours and leads within the health team.					
14) The graduate uses the resources cost-effectively, in the planning, implementation, execution, and evaluation processes of the health care services in the health institution she/he manages, for the benefit of the society and in accordance with the legislation.					
15) The graduate communicates positively within the health team with whom she/he provides health care services, being aware of the duties and obligations of other health workers and shows appropriate behaviours to assume different team roles when necessary.					
16) The graduate works harmoniously and effectively with her/his colleagues and other professional groups in her/his professional practice.					
17) The graduate communicates effectively with patients, patient relatives, health care workers and other professional groups, institutions, and organizations, including individuals and groups that require a special approach and have different sociocultural characteristics.					
18) The graduate shows a patient-centred approach in the protection, diagnosis, treatment, follow-up, and rehabilitation processes that involve the patient and patient's caregivers as partners in the decision-making mechanisms.					
19) When necessary, the graduate plans and implements scientific research for the					

population she/he serves, and uses the results obtained and/or the results of other research for the benefit of the society.	1	2	3	4	5
Course Learning Outcomes					
20) The graduate reaches the current literature information related to her/his profession, evaluates critically, and applies the principles of evidence-based medicine in the clinical decision-making process.					
21) The graduate uses information technologies to improve the effectiveness of her/his work in health care, research, and education.					
22) The graduate effectively manages individual study and learning processes and career development.					
23) The graduate demonstrates the ability to acquire, evaluate, integrate new knowledge with existing knowledge, apply it to professional situations, and adapt to changing conditions throughout professional life.					
24) The graduate chooses the right learning resources to improve the quality of the health care service she/he provides, organizes her/his own learning process.					

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	The graduate integrates the knowledge, skills, attitudes, and behaviours acquired from basic and clinical sciences, behavioural sciences, and social sciences in the form of competencies and uses them for the provision of rational, effective, safe health care services in accordance with quality standards in the prevention, diagnosis, treatment, follow-up, and rehabilitation processes, and during the process considers protection of both patient's health and healthcare workers health including her/his own.	
2)	The graduate shows a biopsychosocial approach in patient management that considers the sociodemographic and sociocultural background of the individual without discrimination of language, religion, race, and gender.	
3)	The graduate prioritizes the protection and development of the health of individuals and society in the provision of health care services.	
4)	The graduate, considering the individual, social, public, and environmental factors affecting health; works towards maintaining and improving the state of health.	
5)	In the provision of health care services, the graduate considers both the changes in the	

	physical and socioeconomic environment on a regional and global scale that affect health, as well as the changes in the individual characteristics and behaviours of the people who apply to her/him.	
6)	The graduate recognizes the characteristics, needs and expectations of the target population and provides health education to healthy/sick individuals and their relatives and other health care workers.	
7)	While carrying out her/his profession, the graduate fulfils her/his duties and obligations with determined behaviours to provide high-quality health care within the framework of ethical principles, rights and legal responsibilities and good medical practices, considering the integrity, privacy, and dignity of the patient.	
8)	The graduate evaluates and improves her/his own performance in professional practices in terms of emotions, cognitive characteristics, and behaviours.	
9)	The graduate physician advocates improving the provision of health services by considering the concepts of social reliability and social commitment to protect and improve public health.	
10)	To protect and improve health, the graduate physician can plan and carry out service delivery, training and consultancy processes related to individual and community health in cooperation with all components.	
11)	The graduate physician evaluates the impact of health policies and practices on individual and community health indicators and advocates increasing the quality of health services.	
12)	The graduate physician attaches importance to protecting and improving her/his own physical, mental, and social health, and does what is necessary for this.	
13)	During the provision of health care, the graduate shows exemplary behaviours and leads within the health team.	
14)	The graduate uses the resources cost-effectively, in the planning, implementation, execution, and evaluation processes of the health care services in the health institution she/he manages, for the benefit of the society and in accordance with the legislation.	
15)	The graduate communicates positively within the health team with whom she/he provides health care services, being aware of the duties and obligations of other health workers and shows appropriate behaviours to assume different team roles when necessary.	
16)	The graduate works harmoniously and effectively with her/his colleagues and other professional groups in her/his professional practice.	
17)	The graduate communicates effectively with patients, patient relatives, health care workers and other professional groups, institutions, and organizations, including individuals and groups that require a special approach and have different sociocultural	

	characteristics.	
18)	The graduate shows a patient-centred approach in the protection, diagnosis, treatment, follow-up, and rehabilitation processes that involve the patient and patient's caregivers as partners in the decision-making mechanisms.	
19)	When necessary, the graduate plans and implements scientific research for the population she/he serves, and uses the results obtained and/or the results of other research for the benefit of the society.	
20)	The graduate reaches the current literature information related to her/his profession, evaluates critically, and applies the principles of evidence-based medicine in the clinical decision-making process.	
21)	The graduate uses information technologies to improve the effectiveness of her/his work in health care, research, and education.	
22)	The graduate effectively manages individual study and learning processes and career development.	
23)	The graduate demonstrates the ability to acquire, evaluate, integrate new knowledge with existing knowledge, apply it to professional situations, and adapt to changing conditions throughout professional life.	
24)	The graduate chooses the right learning resources to improve the quality of the health care service she/he provides, organizes her/his own learning process.	

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Attendance	14	% 5
Midterms	1	% 45
Final	1	% 50
total		% 100
PERCENTAGE OF SEMESTER WORK		% 50
PERCENTAGE OF FINAL WORK		% 50
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Workload

Course Hours	16	48
Study Hours Out of Class	14	31
Presentations / Seminar	3	9
Project	2	6
Homework Assignments	2	6
Midterms	2	7
Final	4	10
Total Workload		117