

Dentistry (English)			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

Course Introduction and Application Information

Course Code:	DENT328		
Course Name:	Occupational Health and Safety		
Semester:	Spring		
Course Credits:	<div>ECTS</div> <div>2</div>		
Language of instruction:	English		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	Compulsory Courses		
Course Level:	<div> <div>Bachelor</div> <div>TR-NQF-HE:6. Master`s Degree</div> <div>QF-EHEA:First Cycle</div> <div>EQF-LLL:6. Master`s Degree</div> </div>		
Mode of Delivery:	E-Learning		
Course Coordinator:	Dr. Öğr. Üy. NURİ BİNGÖL		
Course Lecturer(s):	Asist Prof.Dr. Nuri Bingöl		
Course Assistants:			

Course Objective and Content

Course Objectives:	The student has general and up-to-date information about occupational health and safety and establishes a relationship between the health sciences and occupational health and safety.
Course Content:	Occupational health and safety concept, history, laws, practices, occupational diseases, risk analysis, quality systems

Learning Outcomes

The students who have succeeded in this course;

- 1) Learns concept and history of occupational health and safety and has information about Work law and OHS Law
- 2) Learns health and safety education programs, has knowledge about educational process, recognizes the business health and safety management systems and interprets the processes.
- 3) Recognizes the business health and safety management systems and interprets the processes.
- 4) Recognizes physical, chemical and biological factors that affect occupational health
- 5) Learns psychological factors, occupational diseases, has general knowledge about anthropometry
- 6) Learns the meaning and concepts of ergonomics, application of ergonomics and its fields
- 7) Has knowledge about risk analysis, does risk analysis calculations, and risk assessment comments
- 8) Solves a problem about an occupational health and safety and makes a comment

Course Flow Plan

Week	Subject	Related Preparation
1)	Introduction to the course, Concept of Occupational Health and Safety and history of the ohs	-
1)	Occupational Safety General Information Workplace Accidents Risk Assessment Industrial Hygiene Occupational Diseases	
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2)	Labor Law, OHS Law, Legal Definitions, Regulations	-
3)	Occupational Health and Safety Training for Healthcare Personel	-
4)	Occupational Health and Safety Management Systems	-
5)	Occupational Health and Safety Management Systems	-
6)	Physical Factors, Chemical, Biological Factors	-
7)	Midterm exam	-
8)	Physical Factors, Chemical, Biological Factors	-
9)	Psychological Factors, Occupational Diseases, Anthropometry	-
10)	Ergonomics	-
11)	Ergonomics	-

12)	Risk analysis	-
13)	Risk assessments	-
14)	Risk assessments	-

Sources

Course Notes / Textbooks:	Camerun, I., Raman, R. (2005). Process Systems Risk Management, Elsevier
References:	EU Directive of OHS (89/391/EEC) EU Directive 2000/54/EC - biological agents at work

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5	6	7	8
Program Outcomes								
1) Has basic and up-to-date knowledge in the field of dentistry, follows scientific publications, and applies evidence-based data to his/her professional practice.					3			
2) Knows well and effectively uses devices, tools, and materials specific to diagnosis and treatment in the field of dentistry.		3		3				
3) Evaluates the knowledge in the field of dentistry critically, integrates it with the knowledge of disciplines in the field of health, uses it by analyzing and synthesizing it.	3					3		
4) Produces projects related to the field of dentistry, can work with other health disciplines, takes part as a member of the research team and evaluates and reports the results obtained at a scientific level.							3	
5) Uses information that will contribute to the dentistry profession during practice, takes responsibility, and produces solutions in unforeseen situations.								3
6) Shares, compares, and exchanges dental knowledge with professional colleagues in social and scientific environments in written, verbal, and visual forms.			3			3		
7) Within the framework of social, scientific, and ethical values including patient privacy, communicates with patients and their relatives, knows all the characteristics of the patient, and recommends the most appropriate treatment with a patient-centered approach.				3				

Course Learning Outcomes	1	2	3	4	5	6	7	8
8) Follows technological developments, participates in national and international studies, and shares and presents own observations, experiences, and research to further advance dental practices.						3		
9) By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.				3				
10) During dental practice, in cases such as abuse and addiction, performs the treatment by exhibiting the behaviors required by social ethics and legal rules, and collects and records the relevant data.	3		3					2
11) Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.								
12) In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society								
13) Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.								
14) Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.								
15) Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.	3	2	3	3	3	3	3	3

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Has basic and up-to-date knowledge in the field of dentistry, follows scientific publications,	

	and applies evidence-based data to his/her professional practice.	
2)	Knows well and effectively uses devices, tools, and materials specific to diagnosis and treatment in the field of dentistry.	
3)	Evaluates the knowledge in the field of dentistry critically, integrates it with the knowledge of disciplines in the field of health, uses it by analyzing and synthesizing it.	
4)	Produces projects related to the field of dentistry, can work with other health disciplines, takes part as a member of the research team and evaluates and reports the results obtained at a scientific level.	
5)	Uses information that will contribute to the dentistry profession during practice, takes responsibility, and produces solutions in unforeseen situations.	
6)	Shares, compares, and exchanges dental knowledge with professional colleagues in social and scientific environments in written, verbal, and visual forms.	
7)	Within the framework of social, scientific, and ethical values including patient privacy, communicates with patients and their relatives, knows all the characteristics of the patient, and recommends the most appropriate treatment with a patient-centered approach.	
8)	Follows technological developments, participates in national and international studies, and shares and presents own observations, experiences, and research to further advance dental practices.	
9)	By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.	
10)	During dental practice, in cases such as abuse and addiction, performs the treatment by exhibiting the behaviors required by social ethics and legal rules, and collects and records the relevant data.	
11)	Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.	
12)	In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society	
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14)	Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.	
15)	Can assume the leadership responsibility of the team he/she works for, manage it	3

following scientific criteria, and support the professional development of the team.

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	4	1	1		8
Application	14	0			0
Homework Assignments	1	14	14		28
Midterms	1	8	1		9
Final	1	14	1		15
Total Workload					60