

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

Course Introduction and Application Information

Course Code:	DENT013		
Course Name:	Dentistry & Systemic diseases		
Semester:	Fall		
Course Credits:	<div>ECTS</div> <div>2</div>		
Language of instruction:	English		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	Departmental Elective		
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:	Face to face		
Course Coordinator:	Doç. Dr. AYFER ATAV ATEŞ		
Course Lecturer(s):	Assoc Prof Ayfer Atav		
Course Assistants:			

Course Objective and Content

Course Objectives:	To ensure that the student recognizes systemic diseases and understands what precautions to take in dental treatment in case of the various diseases.
Course Content:	Issues to be considered in the dental medicine approach and treatment procedures for systemic diseases such as cardiovascular diseases, diabetes, rheumatic diseases, oncological diseases, and hematological diseases.

Learning Outcomes

The students who have succeeded in this course;

- 1) Learning to take the necessary precautions during dental treatment by learning the patient's medical history
- 1) Learning how to write a medical consultation
- 2) Having sufficient knowledge about systemic diseases
- 3) Learning to take accurate history from the patient

Course Flow Plan

Week	Subject	Related Preparation
1)	AMERICAN SOCIETY OF ANESTHESIOLOGIST (ASA) Classification	
2)	Pregnancy and Dentistry	
3)	Diabetes and Dentistry	
4)	Hematological diseases and Dentistry	
5)	Rheumatic Diseases and Dentistry	
6)	Psychological Diseases and Dentistry	
8)	Cardiovascular Diseases and Dentistry	
9)	Cardiovascular Diseases and Dentistry	
10)	Dermatological diseases and Dentistry	
11)	Oncological diseases and Dentistry	
12)	Gastrointestinal system diseases and Dentistry	
13)	How to write a consultation?	
14)	Cases and treatment planning	

Sources

Course Notes / Textbooks:	Scully, C. (2010). Medical Problems in Dentistry E-Book: Medical Problems in Dentistry E-Book. Elsevier Health Sciences.
References:	Scully, C. (2010). Medical Problems in Dentistry E-Book: Medical Problems in Dentistry E-Book. Elsevier Health Sciences.

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	1	2	3
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.	2	2	2	2
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.	1	1	1	1
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				
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.	1	1	2	3
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.	2	2	2	2
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.				

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
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.	1
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	
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.	2
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.	

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	1	1		28
Midterms	1	6	1		7

Final	1	6	1		7
Total Workload					42