

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

## Course Introduction and Application Information

Course Code:	UNI298		
Course Name:	Oral and Dental Health		
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> <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:	Dr. Öğr. Üy. KÜBRA CANTÜRK		
Course Lecturer(s):	Kübra Cantürk- Halil Çelik		
Course Assistants:			

## Course Objective and Content

Course Objectives:	To provide them with knowledge about oral and dental health, preventive dentistry, the introduction of teeth and surrounding tissues and diseases, caries and periodontal disease epidemiology, dental treatments.
Course	1. Dentistry General Information

Content:	<ul style="list-style-type: none"> <li>a. History</li> <li>b. Lessons Learned by Dentists</li> <li>c. Interests – areas of dentists</li> <li>D. Dental service procurement areas in Turkey</li> </ul> <ul style="list-style-type: none"> <li>2. Introduction of Tooth and Surrounding Tissues <ul style="list-style-type: none"> <li>a. Tooth anatomy</li> <li>b. Physiology</li> <li>c. Embryology</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>3. Oral, Dental and Maxillofacial Diseases and Treatment 1 (3 lessons) <ul style="list-style-type: none"> <li>a. Dental Hard Tissue Diseases and Treatments</li> <li>b. Prosthetic Treatments</li> <li>c. Pedodontic Treatments</li> <li>d. Aesthetic Treatments</li> <li>e. Orthodontic Applications</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>4. Oral, Dental and Maxillofacial Diseases and Treatment 2 (3 lessons) <ul style="list-style-type: none"> <li>a. Gum Diseases and Treatments</li> <li>b. Diseases Requiring Surgical Procedure and Their Treatments</li> <li>c. Implant Applications</li> <li>d. Temporomandibular joint disorders and treatments</li> </ul> </li> </ul> <ul style="list-style-type: none"> <li>5. Digital Dentistry</li> <li>6. Preventive Dentistry and Current Approaches <ul style="list-style-type: none"> <li>a. Agents that prevent caries formation</li> </ul> </li> <li>7. Oral and Dental Health Care and Education <ul style="list-style-type: none"> <li>a. Tooth brushing techniques</li> <li>b. Floss use</li> </ul> </li> <li>8. Patient and Doctor Rights and Malpractice</li> <li>9. Health Tourism</li> </ul>
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## Learning Outcomes

The students who have succeeded in this course;

- 1) Has knowledge about oral and dental health, preventive dentistry
- 2) Has superficial knowledge about dental and gingival diseases
- 3) Has knowledge of what treatments are applied in dentistry.

## Course Flow Plan

Week	Subject	Related Preparation
1)	Dentistry General Information	Lesson slide 1

2)	Introduction of Tooth and Surrounding Tissues	Lesson slide 2
3)	Oral, Dental and Maxillofacial Diseases and Treatment 1	Lesson slide 3
4)	Oral, Dental and Maxillofacial Diseases and Treatment 1	Lesson slide 4
5)	Oral, Dental and Maxillofacial Diseases and Treatment 1	Lesson slide 5
6)	Oral, Dental and Maxillofacial Diseases and Treatment 2	Lesson slide 6
7)	Oral, Dental and Maxillofacial Diseases and Treatment 2	Lesson slide 7
8)	Oral, Dental and Maxillofacial Diseases and Treatment 2	Lesson slide 8
9)	Digital Dentistry	Lesson slide 9
10)	Preventive Dentistry and Current Approaches	Lesson slide 10
11)	Oral and Dental Health Care and Education	Lesson slide 11
12)	Patient and Doctor Rights and Malpractice	Lesson slide 12
13)	Health Tourism	Lesson slide 13

## Sources

Course Notes / Textbooks:	1. Textbook of clinical cariology, Anders Thylstrup & Ole Fejerskov, Copenhagen : Munksgaard, 1994. 2. Sturdevant's Art and Science of Operative Dentistry, Theodore Roberson, Harald O. Heymann, Edward J. Swift, Jr, Elsevier Health Sciences, 2006. 3. Konservatif Diş Tedavisi, Gündüz Bayırlı& Şükrü Şirin, Dünya Tıp Kitabevi İstanbul, 1982
References:	1. Essentials of Dental Caries, Edwina A. M. Kidd, Sally Joyston-Bechal, Oxford University Press, 1997. 2. Principles and Practice of Operative Dentistry, Gerald T. Charbeneau, Lea & Febiger, 1975. 3. Orban' s Oral Histology and Embryology, S.N. Bhaskar , Mosby-Year Book, 1990. 4. Advances in Operative Dentistry, Nairn H.F. Wilson, Massimo Fuzzi, Jean-Francois Roulet, Quintessence Publishing Co Ltd, 1999.

## Course - Program Learning Outcome Relationship

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

### Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

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	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
Midterms	1	% 30
Final	1	% 70
<b>total</b>		<b>% 100</b>
PERCENTAGE OF SEMESTER WORK		% 30
PERCENTAGE OF FINAL WORK		% 70
<b>total</b>		<b>% 100</b>

## 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	13	6	1		91
Midterms	1	10	1		11
Final	1	10	1		11
<b>Total Workload</b>					<b>113</b>