

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>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:	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) 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.			
<b>Course Learning Outcomes</b>	<b>1</b>	<b>2</b>	<b>3</b>
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.	1	2	3
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
<b>total</b>		<b>% 100</b>
PERCENTAGE OF SEMESTER WORK		% 40

PERCENTAGE OF FINAL WORK	% 60
<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>