

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

Course Introduction and Application Information

Course Code:	DENT003		
Course Name:	Individualized Approach in Preventive Dentistry		
Semester:	Spring		
Course Credits:	ECTS 2		
Language of instruction:	English		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	Departmental Elective		
Course Level:	Bachelor TR-NQF-HE:6. Master`s Degree</div> <div>QF-EHEA:First Cycle</div> <div>EQF-LLL:6. Master`s Degree		
Mode of Delivery:	E-Learning		
Course Coordinator:	Dr. Öğr. Üy. NESLİHAN ÖZDEMİR		
Course Lecturer(s):	Assis. Prof. Neslihan Özdemir		
Course Assistants:			

Course Objective and Content

Course Objectives:	It is aimed to comprehend the definition and scope of preventive dentistry, convey the individual and professional approach to preventive dentistry, identify individual risk factors, and convey the measures that can be taken against the diseases that may occur.
Course Content:	Definition and components of health, definition, and features of oral and dental health, components of community oral health and preventive dentistry, individual and social factors that

are effective in the protection of oral health, etiology of dental caries, the relationship between oral and dental health and nutrition, determination of individual caries risk factors, the importance of essential oral and dental health in children, importance of fluoride applications, importance of fissure sealant applications, oral and dental health in elderly individuals

Learning Outcomes

The students who have succeeded in this course;

- 1) Knows and define the components of health and oral health
- 2) Has information about the community oral health components and preventive medicine
- 3) Knows individual, social factors that affect oral health and the relationship between oral health and nutrition

Course Flow Plan

Week	Subject	Related Preparation
1)	Definition and components of health	
2)	Definition and components of oral health	
3)	Community oral health components and preventive medicine	
4)	Individual and social factors that affect oral health	
5)	Dental caries etiology	
6)	The relationship between oral health and nutrition	
7)	Determination of individual caries risk factors	
8)	The importance of basic oral health in children	
9)	Importance of fluorine applications	
10)	The importance of fissure sealant applications	
11)	Oral and dental health in elderly individuals	

Sources

Course Notes / Textbooks:	Comprehensive Preventive Dentistry, 2012, Wiley, Editor:Hardy Limeback Personalized Medicine In Periodontology, 2022, Authors :Ranjana devi MI, Anitha V, Agila S, Smriti, Technoarete Publishers
References:	Comprehensive Preventive Dentistry, 2012, Wiley, Editor:Hardy Limeback Personalized Medicine In Periodontology, 2022, Authors :Ranjana devi MI, Anitha V, Agila S, Smriti, Technoarete Publishers

Course - Program Learning Outcome Relationship

Course Learning Outcomes	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) 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			
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	2	3
Course Learning Outcomes			
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.			

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	
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.	

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Homework Assignments	1	% 100
total		% 100
PERCENTAGE OF SEMESTER WORK		% 100
PERCENTAGE OF FINAL WORK		%
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	26	0	2		52
Midterms	1	0	1		1
Final	1	0	1		1

Total Workload	54
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