

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

Course Introduction and Application Information

Course Code:	DENT314		
Course Name:	Contemporary Prosthodontics		
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>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>		
Mode of Delivery:	Face to face		
Course Coordinator:	Dr. Öğr. Üy. ŞİRİN KIYICI		
Course Lecturer(s):	Prof. Önjen TAK, Assoc Prof Borga Dönmez, Assist. Prof. Şirin KIYICI		
Course Assistants:			

Course Objective and Content

Course Objectives:	<ol style="list-style-type: none"> 1. Learning the clinical evaluation principles and processes of of the edentulous Patients 2. Learning the pre-prosthetic mouth preparations and Impression Taking procedures in complete dentures. 3. Learning movements and mechanics of mandible, occlusal concepts, and laws of articulation. 4. Learning retainers for partial removable dental prostheses 5. Understanding of esthetic considerations and special problems in Fixed Partial Denture
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Course Content:	Understanding clinical procedures of complete dentures, Learning movements and mechanics of mandible, occlusal concepts, and laws of articulation. Introduction to removable partial prosthodontics.
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Learning Outcomes

The students who have succeeded in this course;

- 1) Evaluates edentulous patients clinically according to prosthodontic treatment.
- 2) Has knowledge about the pre-prosthetic mouth preparations and impression taking procedures in complete dentures.
- 3) Has knowledge about principles of occlusion

Course Flow Plan

Week	Subject	Related Preparation
1)	Clinical Evaluation of the Edentulous Patient	Reading of the related chapters of the reference books
2)	Pre-prosthetic Mouth Preparation for Complete Denture	Reading of the related chapters of the reference books
2)	Pre-prosthetic Mouth Preparation for Complete Denture	Reading of the related chapters of the reference books
2)	Pre-prosthetic Mouth Preparation for Complete Denture	Reading of the related chapters of the reference books
3)	Impression Material Selection According to the Impression Technique & Anatomical Landmarks and Impression Taking in Complete Dentures	Reading of the related chapters of the reference books
4)	Movements and Mechanics of Mandible, Occlusion Concepts in Complete Dentures and Laws of Articulation	Reading of the related chapters of the reference books
5)	Repairing a Broken Complete Denture	Reading of the related chapters of the reference books
6)	The Remounting Process: Adjustment of Complete Dentures on the Articulator and in Mouth	Reading of the related chapters of the

		reference books
7)	Contemporary Principles of Occlusion in Fixed Prosthodontics and Interocclusal Records in Fixed Prosthodontics	Reading of the related chapters of the reference books
8)	Mid-term Exam/Assessment	
9)	Retainers for Partial Removable Dental Prostheses	Reading of the related chapters of the reference books
10)	Preparations for Severely Debilitated Teeth & Restoration of the Endodontically Treated Tooth	Reading of the related chapters of the reference books
11)	All-Ceramic Restorations	Reading of the related chapters of the reference books
12)	Esthetic Considerations and Color Selection	Reading of the related chapters of the reference books
13)	Communicating with the Dental Laboratory	Reading of the related chapters of the reference books
14)	Special Problems in in Fixed Partial Denture (Pier abutments, Tilted molar abutments, Canine-replacement fixed partial dentures, Cantilever fixed partial dentures)	Reading of the related chapters of the reference books

Sources

Course Notes / Textbooks:	<ol style="list-style-type: none"> 1. Özkan YK. Complete Denture Prosthodontics: Planning and Decision-Making. Springer Publishing, 2018. 2. Özkan YK. Complete Denture Prosthodontics: Treatment and Problem Solving. Springer Publishing, 2018. 3. Hayakawa I. Principles and Practices of Complete Dentures: creating the mental image of a denture. Quintessence Publishing, 1999. 4. Driscoll CF, Golden WG. Treating the Complete Denture Patient. WileyBlackwell Publishing, 2020. 5. Rosenstiel SF, Land MF, Fujimoto J. Contemporary Fixed Prosthodontics, Fifth Edition. Elsevier, 2016.
References:	<ol style="list-style-type: none"> 1. Özkan YK. Complete Denture Prosthodontics: Planning and Decision-Making. Springer Publishing, 2018.

2. Özkan YK. Complete Denture Prosthodontics: Treatment and Problem Solving. Springer Publishing, 2018.
3. Hayakawa I. Principles and Practices of Complete Dentures: creating the mental image of a denture. Quintessence Publishing, 1999.
4. Driscoll CF, Golden WG. Treating the Complete Denture Patient. WileyBlackwell Publishing, 2020.
5. Rosenstiel SF, Land MF, Fujimoto J. Contemporary Fixed Prosthodontics, Fifth Edition. Elsevier, 2016.

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.			
Course Learning Outcomes	1	2	3
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.			

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.	
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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	% 10
Midterms	1	% 30
Final	1	% 60
total		% 100
PERCENTAGE OF SEMESTER WORK		% 40
PERCENTAGE OF FINAL WORK		% 60

total	% 100
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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	1		26
Midterms	1	4	1		5
Final	1	6	1		7
Total Workload					38