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

Course Introduction and Application Information

Course Code:	DENT313
Course Name:	Fundamentals of Removable Partial Dentures
Semester:	Fall
Course Credits:	ECTS: 2
Language of instruction:	English
Course Condition:	
Does the Course Require Work Experience?:	No
Type of course:	Compulsory Courses
Course Level:	Bachelor | TR-NQF-HE:6. Master`s Degree | QF-EHEA:First Cycle | EQF-LLL:6. Master`s Degree
Mode of Delivery:	Face to face
Course Coordinator:	Prof. Dr. ÖNJEN TAK
Course Lecturer(s):	Prof Önjen Tak, Assist Prof Şirin Kıyıcı
Course Assistants:	

Course Objective and Content

Course Objectives:	1. Learning the indications of removable partial dentures 2. Learning the components of removable partial dentures 3. Learning the biomechanics of removable partial dentures
Course Content:	1. To be able to make the differential diagnosis of those patients who will be treated with removable partial prosthesis

	2. Learning the names and functions of the components of removable partial dentures 3. Learning how to plan removable partial dentures according to biomechanical considertions 4. Learning the impression materials and methods to be used for removable partial dentures 5. Learning how to communicate with dental laboratory and fabrication stages of removable partial prostheses in dental laboratory 6. Learning the occlusion of removable partial dentures along with possible problems that may occur during and after delivery and their solutions

Learning Outcomes

The students who have succeeded in this course;
1) To be able to differentiate the indications and contrindications of removable partial dentures
2) To be able to differentiate the names and the features of the components of removable partial dentures
3) To be able to plan in accordance with the biomechanics of a removable partial denture
4) To be able to define the clinical and laboratory steps required to fabricate a removable partial denture
5) To be able to define the possible problems that might be encontoured during or after delivery and their solutions

Course Flow Plan

Week	Subject	Related Preparation
1)	Introduction to Removable Partial Dentures (Terminology, Physiology and Basic Treatment Principles) and Classification of Partially Edentulous Arches	Reading the reference book
2)	Biomechanics of Removable Partial Dentures	Reading the reference book
3)	Clasp Retained Removable Partial Dentures: Major and Minor Connectors	Reading the reference book
4)	Clasp Retained Removable Partial Dentures: Direct Retainers – Circumferential and Bar Clasps	Reading the reference book
5)	Clasp Retained Removable Partial Dentures: Indirect Retainers, Rests and Rest Seats	Reading the reference book
6)	Clasp Retained Removable Partial Dentures: Denture bases and Tooth Replacements	Reading the reference book

7)	Diagnosis and Treatment Planning in Partially Edentulous Patients	Reading the reference book
8)	Midterm Exam	Reading the reference book
9)	Preparation of the Mouth for Removable Partial Dentures and Preparation of Abutment Teeth	Reading the reference book
10)	Impressions for Removable Partial Dentures	Reading the reference book
11)	Surveying, Design and Laboratory Procedures	Reading the reference book
12)	Fitting the Framework Intraorally	Reading the reference book
13)	Establishing Occlusal Relationships and Clinical Esthetic Try-in	Reading the reference book
14)	Initial Placement, Adjustments and Post-insertion Observations and Problems	Reading the reference book

Sources

Course Notes / Textbooks:	1. Rodney D. Phoenix, David R. Cagna, Charles F. DeFreest - Stewart's Clinical Removable Partial Prosthodontics, Quintessence (2008) 2. Alan B. Carr, David T. Brown. McCracken's Removable Partial Prosthodontics, Elsevier (2015) 3. Olcay Şakar (eds.) - Removable Partial Dentures-A Practitioners' Manual, Springer International Publishing (2016)
References:	1. Rodney D. Phoenix, David R. Cagna, Charles F. DeFreest - Stewart's Clinical Removable Partial Prosthodontics, Quintessence (2008) 2. Alan B. Carr, David T. Brown. McCracken's Removable Partial Prosthodontics, Elsevier (2015) 3. Olcay Şakar (eds.) - Removable Partial Dentures-A Practitioners' Manual, Springer

	International Publishing (2016)

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5
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
2) Knows well and effectively uses devices, tools, and materials specific to diagnosis and treatment in the field of dentistry.	2	2	2	2	2
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.	3	3	3	3	3
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.					

Course Learning Outcomes	1	2	3	4	5
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.	3	3	3	3	3
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.	2
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.	3
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.	3
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	Workload

Course Hours	13	26
Study Hours Out of Class	13	13
Midterms	1	9
Final	1	11
Total Workload		**59**