

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

Course Introduction and Application Information

Course Code:	DENT201		
Course Name:	Fundamentals of Complete Dentures		
Semester:	Fall		
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, Assist. Prof. Şirin KIYICI		
Course Assistants:			

Course Objective and Content

Course Objectives:	1. Learning the anatomical, physiological and psychological effects of the edentulism 2. Learning the clinical and laboratory principles, procedures and workflows of complete dentures 3. Learning the basis of the occlusal concepts in complete dentures
Course	1. Learning the clinical, anatomical, physiological and psychological effects of missing teeth

Content:	2. Learning both the clinical workflow from diagnosis to postoperative care and laboratory workflow from model preparation to finishing&polishing in complete dentures
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Learning Outcomes

The students who have succeeded in this course;

- 1) Has knowledge about the anatomical, clinical, physiological and psychological effects of the missing teeth and edentulism
- 2) Comprehends the clinical and laboratory procedures and workflows of complete dentures
- 3) Distinguishes basically the occlusal concepts in complete dentures and fixed partial prosthesis

Course Flow Plan

Week	Subject	Related Preparation
1)	Introduction to Complete Dentures and Age-Related Changes in Edentulous Patients	Reading the Reference Textbook
2)	Anatomical Landmarks of the Mandible and Maxilla	Reading the Reference Textbook
3)	Diagnostic Impressions (Primary or Preliminary Impression) and Diagnostic Model, Custom-Made Trays	Reading the Reference Textbook
4)	Final Impression using Border Molding Procedures and Preparation of the Master Model with Boxing Technique	Reading the Reference Textbook
5)	Baseplate Construction and Wax Rim Preparation	Reading the Reference Textbook
6)	Introduction to Occlusion: Terminology and Occlusion Concepts in Complete Denture	Reading the Reference Textbook
7)	Recording Maxillomandibular Relations: Vertical Relations	Reading the Reference Textbook
8)	1st Mid-term Exam	Reading the Reference Textbook
9)	Recording Maxillomandibular Relations: Horizontal Relations	Reading the Reference Textbook
10)	Anterior Artificial Tooth Selection and Arrangement	Reading the Reference Textbook
11)	Posterior Artificial Tooth Selection and Arrangement	Reading the Reference Textbook

12)	Laboratory Steps of Complete Denture: Designing the Polished Surface, Flasking, Packing, and Processing	Reading the Reference Textbook
13)	Laboratory Steps of Complete Denture: Designing the Polished Surface, Flasking, Packing, and Processing	Reading the Reference Textbook
14)	Adjusting the Occlusion, and Finishing & Polishing of the Complete Denture	Reading the Reference Textbook

Sources

Course Notes / Textbooks:	<p>1. Özkan YK. Complete Denture Prosthodontics: Planning and Decision-Making. Springer Publishing, 2018.</p> <p>2. Özkan YK. Complete Denture Prosthodontics: Treatment and Problem Solving. Springer Publishing, 2018.</p> <p>Hayakawa I. Principles and Practices of Complete Dentures: creating the mental image of a denture. Quintessence Publishing, 1999.</p> <p>3. Driscoll CF, Golden WG. Treating the Complete Denture Patient. WileyBlackwell Publishing, 2020.</p> <p>5. Rosenstiel SF, Land MF, Fujimoto J. Contemporary Fixed Prosthodontics, Fifth Edition. Elsevier, 2016.</p>
References:	<p>1. Özkan YK. Complete Denture Prosthodontics: Planning and Decision-Making. Springer Publishing, 2018.</p> <p>2. Özkan YK. Complete Denture Prosthodontics: Treatment and Problem Solving. Springer Publishing, 2018.</p> <p>Hayakawa I. Principles and Practices of Complete Dentures: creating the mental image of a denture. Quintessence Publishing, 1999.</p> <p>3. Driscoll CF, Golden WG. Treating the Complete Denture Patient. WileyBlackwell Publishing, 2020.</p> <p>5. Rosenstiel SF, Land MF, Fujimoto J. Contemporary Fixed Prosthodontics, Fifth Edition. Elsevier, 2016.</p>

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.	3	3	3
2) Knows well and effectively uses devices, tools, and materials specific to diagnosis and		2	

treatment in the field of dentistry.	1	2	3
Course Learning Outcomes			
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
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	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.	3
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.	
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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.	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
Homework Assignments	1	% 10
Midterms	1	% 30
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	Preparation for the Activity	Spent for the Activity Itself	Completing the Activity Requirements	Workload
Course Hours	28	1			28
Homework Assignments	1	1			1
Midterms	1	10			10
Final	1	20			20
Total Workload					59