



Jordan University of Science and Technology
Faculty of Dentistry
Dental Surgery Department

DENT361 Removable Prosthodontics (Lab)
First Semester 2023-2024

Course Catalog
0 Credit Hours. The course is designed to provide students with more knowledge of the clinical and laboratory aspects of complete denture. It covers the following areas: ? The anatomy of the edentulous maxilla and mandible ? Complete Dentures Occlusion ? Esthetic Principles ? Speech Considerations in complete dentures ? Facebows and Articulators ? Materials used in the management of Edentulous Patients ? Clinical and Laboratory Procedures of the construction of complete dentures

Text Book	
Title	Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prosthesis
Author(s)	George A. Zarb, Yoav Finer, Ting ? Ling Chang, Sreenivas Koka
Edition	13th Edition
Short Name	Prosthodontic Treatment for Edentulous Patients
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Teaching Prosthodontics	Teaching Prosthodontics YouTube Channel	https://www.youtube.com/channel/UC2J8LfCgtevgH8aczSdepQg/videos	1st Edition	

Instructor	
Name	Dr. Abdelrahman Badameh
Office Location	Irbid Dental Teaching Centre L2
Office Hours	
Email	asbadameh@just.edu.jo

Class Schedule & Room
<p>Section 1: Lecture Time: Mon : 12:30 - 16:30 Room: U</p> <p>Section 2: Lecture Time: Tue : 12:30 - 16:30 Room: U</p> <p>Section 3: Lecture Time: Wed : 12:30 - 16:30 Room: U</p> <p>Section 4: Lecture Time: Thu : 12:30 - 16:30 Room: U</p> <p>Section 5: Lecture Time: Sun : 12:30 - 16:30 Room: U</p>

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction? Overview of clinical and laboratory steps in the construction of complete dentures	
Week 2	Primary Impressions and Primary Cast	
Weeks 3, 4	Custom Tray Fabrication	
Weeks 5, 6	Border Molding and Secondary Impressions	
Weeks 7, 8	Record Blocks Fabrication	
Week 9	Mounting	
Weeks 10, 11	Teeth Setting	
Week 12	Processing	

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Examination, diagnosis and treatment planning for the edentulous patient	20%	
Fabrication of Custom Trays	20%	
Fabrication of Maxillary and mandibular Record Blocks	20%	
Teeth Setting	20%	
Description of the complete denture insertion procedure and recall	20%	

Relationship to Program Student Outcomes (Out of 100%)													
1.1 Scientific Knowledge and Cognitive Skills	1.2 Scientific Knowledge and Cognitive Skills	1.3 Scientific Knowledge and Cognitive Skillsledge	1.4 Scientific Knowledge and Cognitive Skills	1.5 Scientific Knowledge and Cognitive Skills	1.6 Scientific Knowledge and Cognitive Skills	1.7 Scientific Knowledge and Cognitive Skills	2.1 Person Centered Care	2.2 Person Centered Care	2.3 Person Centered Care	2.4 Person Centered Care	3.1 Responsibility, Communication, Professionalism and Ethics	3.2 Responsibility, Communication, Professionalism and Ethics	3.3 Responsibility, Communication, Professionalism and Ethics

Policy	
Teaching & Learning Methods	<p>? Lectures: 14 hours, 1 hour per week: o Class lectures, using power point presentations are designed to achieve the course objectives o Lectures will be given online via Microsoft Teams on weekly o Lecture recordings and handouts will be available on the JUST E-learning system</p> <p>? Practical: 4 hours lab/ 2 weeks o Students will be attending the removable prosthodontics lab biweekly. o Lab manual: ? Definitions ? Materials ? Armamentarium ? Step -by- step procedure o Lab video: demonstration on the clinical and laboratory procedures available on the course's YouTube channel o Lab work: Hands on training on the technical skills of complete denture fabrication</p>
Laboratory Equipment	<p>! This list will be checked during laboratory session. Please write or carve your name, university ID, and section number on your instruments.</p> <ul style="list-style-type: none"> o Average value articulators of high quality ? (e.g ASA 5000 ITALY, or Hanau or better) o White lab coat and Lab coat name tag o Name tag o Gloves o Protective eye glasses o Face mask o Wax knife (long) o Le Cron wax carver o Rubber bowl (large ?thick walled) o Metal plaster spatula (flat-ended preferable) o Plaster Knife o Small Box-cutter or Surgical scalpel handle o Hot plate (paint scraper ? narrow - approx.10 cm wide) o Gas lighter/ matches o Color pencils (red, blue pencil) o Pencil / pencil sharpener o Fine point permanent marker (CD marker, Sharpie) (blue/black) o Short ruler (10 - 15 cm) o Tooth brush (old) o Key ring name tag to be attached to articulators. o Plastic keychain tag o Acrylic burs: Large pear-shaped, thin fissured (Ø 1.5 ? 2.0 mm), medium round (Ø 2.0 ? 3.0 mm) o Sandpaper mandrel o White/clear flat plastic or glass plate for setting of teeth o Brush flame / micro torch (optional) o Paining brush

Date Printed: 2024-01-06