



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

DENT567 Prosthodontics I
First Semester 2023-2024

Course Catalog
3 Credit Hours. The aim of this course is to review key subjects in removable and fixed prosthetic dentistry and introduce students to advanced prosthodontics like maxillofacial prosthesis, attachments in removable prosthodontics, and full mouth rehabilitation. The course also covers aspects of esthetic dentistry including all ceramic restorations, laminate veneers, and minimal preparation indirect restorations.

Text Book	
Title	Title Prosthodontic Treatment for Edentulous patients
Author(s)	G.A Zarb; C.L. Bolender; J.C. Hickey and G.E Carlsson
Edition	12th Edition
Short Name	Reference 1
Other Information	Publisher Mosby, 2004

Course References

Short name	Book name	Author(s)	Edition	Other Information
Reference 2	Fundamentals of Fixed Prosthodontics	Shillingburg, Herbert T and Hobo, Sumiya and Whitsett, Lowell D and Brackett, Susan E	4th Edition	Quintessence 2012

Instructor	
Name	Dr. Rami Al-Fodeh
Office Location	Dental Teaching Center
Office Hours	
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Class Schedule & Room
Section 1: Lecture Time: Tue : 15:00 - 16:00 Room: مدرج د. سعد حجازي

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2	Perio-restorative relationship	From Reference 2
Week 3	Overdentures- teeth supported	From Reference 1
Week 4	Diagnostic wax up and laboratory procedures in fixed prosthodontics & Full mouth rehabilitation in prosthodontics (including Digital approach)	From Reference 2
Week 5	Single CD?s and Combination syndrome	From Reference 1
Week 6	Maxillofacial prosthodontics	From Reference 1
Week 7	Fixed prosthesis with removable prosthesis	From Reference 1, From Reference 2
Week 8	Management of Snoring and Obstructive Sleep Apnea with Mandibular Repositioning Appliances	From Reference 1
Weeks 9, 10	Review in Applied Occlusion	From Reference 1, From Reference 2
Weeks 11, 12	Tooth Wear management	From Reference 2

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
1. 1. Understand and apply advanced principles of removable and fixed prosthetic dentistry, including the latest scientific advancements in materials and techniques. 1. 2. Demonstrate comprehensive knowledge of maxillofacial prosthesis, sleep apnea , tooth surface loss and the integration between Prosth-Perio into treatment planning.	25%	
2.1 Develop the ability to assess and address individual patient needs and preferences in prosthodontic treatment planning. 2.2 Demonstrate effective communication skills in obtaining informed consent and educating patients on various treatment options in removable and fixed prosthodontics.	20%	

3. 1. Exhibit ethical behavior and professionalism in prosthodontic practice, adhering to ethical guidelines and codes of conduct. 3. 2. Understand and address the social impact of prosthodontic interventions, considering factors such as cultural diversity, accessibility, and affordability of treatments.	10%	
4. 1. Apply critical thinking skills to analyze complex prosthodontic cases, integrating evidence-based practices into decision-making. 4. 2. Demonstrate proficiency in problem-solving related to complications and challenges in removable and fixed prosthodontics.	15%	
5. 1. Promote oral health within the community through education and awareness initiatives related to prosthodontic care. 5. 2. Understand and address the broader public health implications of prosthodontic interventions, contributing to community oral health promotion.	20%	
6. 1. Develop a commitment to lifelong learning in prosthodontics, staying updated on emerging technologies, materials, and techniques. 6. 2. Foster the skills needed for sustained dental practice, including time management, adaptability, and resilience in the face of evolving prosthodontic challenges.	10%	

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, Communicatic Professionalis and Ethics

Evaluation	
Assessment Tool	Weight
10 Marks: Midterm Online exam (First semester) 10 marks: Final written exam	20%
15 marks: Quizzes (Random During the Clinical sessions) Clinical requirements (25 Marks) ? 12.5 marks: Complete denture ? 12.5 marks: Fixed dental Prosthesis (3-4 units) 30 marks: Online Practical exam (objective structured clinical exam (OSCE)) 10 marks: VIVA exam	80%

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