



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

DENT761A Clinical Training In Prosthodontics(1) - JNQF Level: 6

First Semester 2024-2025

**Course Catalog**

1 Credit Hours. 1 Credit Hour. To introduce the students to the clinical aspects of Fixed and Removable prosthodontics. Students will develop the basic skills in diagnosis, treatment planning and making prosthesis.

**Teaching Method:** On Campus

**Text Book**

<b>Title</b>	Fundamentals of Fixed Prosthodontics
<b>Author(s)</b>	Shillingburg, Herbert T. and Hobo, Sumiya and Whitsett, Lowell D and Brackett, Susan E
<b>Edition</b>	13th Edition
<b>Short Name</b>	Ref. No. 1
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
Ref. No. 2	Fundamentals of Fixed Prosthodontics	Rosenstiel, Land, Fujimoto	14th Edition	

**Class Schedule & Room**

Section 1:  
 Lecture Time: U :-  
 Room: HOSPITAL

**Tentative List of Topics Covered**

Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6	Clinical session #1-6: Identify various types of crowns and bridges and indications. Master case selection. Define ideal tooth preparation and related lab work.	
Weeks 6, 7, 8, 9	Clinical session #6-10: Demonstrate optimum clinical; procedures; tooth prep. Retraction cord application temporization impression taking, try-in & cementation and dentures clinical steps.	
Weeks 10, 11, 12	Assess occlusion	
Weeks 13, 14, 15, 16	Assess failure and repair	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Describe the principles of case assessment and selection, emphasizing patient-specific prosthodontic needs. [1PLO_9K1] [1L6K1]	20%	
Develop skills in the preparation and construction of crown and bridgework, including provisional and final fittings. [1PLO_9S1] [1L6S1]	20%	
Plan and fabricate both fixed and removable prostheses with precision and attention to patient comfort and functional outcomes. [1PLO_9S1] [1L6S1]	15%	
Demonstrate professional and ethical behavior when managing challenging patient interactions, incorporating constructive feedback for skill enhancement. [1PLO_9S1] [1L6S1]	15%	
Build effective rapport with patients to facilitate trust and communication throughout the prosthodontic treatment process. [1PLO_9S1] [1L6S1]	15%	
Engage in self-reflective practice to continuously evaluate and improve clinical skills in response to patient outcomes and peer feedback. [1PLO_9C2] [1L6C2]	15%	

1.1 Scientific Knowledge and Cognitive Skills	1.2 Scientific Knowledge and Cognitive Skills	1.3 Scientific Knowledge and Cognitive Skills	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

Relationship to NQF Outcomes (Out of 100%)		
L6K1	L6S1	L6C2
20	65	15

Policy	
Minimal Course Requirements:	<p>Students are required to achieve the following requirements to fulfil the intended learning outcomes of the course:</p> <p>Procedure type, Number of cases, Description</p> <p>Procedure 1: 1 C-M crown</p> <p>Procedure 2: 1 C-M crown</p> <p>Procedure 3: 1 Anterior F-F C-M bridge</p> <p>Procedure 4: 1 Posterior F-F C-M bridge</p> <p>Procedure 5: 1 Cantilever bridge</p> <p>Procedure 6: 1 Metal post</p> <p>Procedure 7: 1 Non-metal post</p> <p>Procedure 8: 1 Complete denture</p> <p>Procedure 9: 1 Partial denture (Acrylic framework)</p> <p>Procedure 10: 1 Partial denture (Metal framework)</p> <p>Procedure 11: 2 History, examination, treatment planning and referrals Fixed Prosthodontics case.</p>
Course Competencies	<p>Course competency will be assessed independently of minimal clinical requirements, in order to pass the course the student need to successfully pass the competency exam. Competency exam to be assessed by 2 instructors.</p> <p>Competency, Procedure type</p> <p>Procedure 1: Comprehensive Treatment Planning Case presentation</p> <p>Procedure 2. Tooth preparation</p> <p>Procedure 3. Retraction cord placement and/or impression taking</p> <p>Procedure 4. Occlusal registration and Face bow</p> <p>Procedure 5. Shade assessment</p> <p>Procedure 6. Try-in</p> <p>Procedure 7. Final cementation</p>
Examination	Oral Case Presentation
Assessment Criteria of FINAL Exam Dent 761 course	<p>Assessment criteria Maximum Grade</p> <p>Clear and systematic presentation: 10</p> <p>Right diagnosis/ treatment planning: 10</p> <p>Evaluate excellence in each clinical step: 10</p> <p>Able to answer questions at the case discussion: 10</p> <p>Able to defend his treatment plan and design: 10</p> <p>Total Mark: 50/50</p>

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