



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

DENT741A Clinical Training In Endodontics(1)
First Semester 2025-2026

Course Catalog
<p>1 Credit Hours. Course Description This is a course with only practical components. It extends over one semester, where students will practice clinical endodontics. Students will perform clinical work in the post-graduate clinics over the first semester. The course aims to introduce first-year post-graduate students to conventional endodontic cases. It is designed to reiterate the principles of the code of professional conduct, cross-infection control, and patient-centred clinical work, as well as to enhance students' clinical skills in endodontics. The practical part will be dedicated to consolidating basic principles in diagnosis, treatment planning, disease processes and control, endodontic scenarios, and clinical decision making. Aims & Objectives The course aims to provide dental students with sound knowledge in the following: 1. Making clinical decisions in terms of diagnosis and setting up appropriate treatment plans. 2. Causes and management of surgical and non-surgical endodontics. 3. Management of advanced endodontic cases and gaining updated knowledge in endodontic treatment modalities. 4. Causes and management of immature open apex, Vital pulp therapy, and pulp regeneration.</p>
<p>Teaching Method: On Campus</p>

Instructor	
Name	Dr. Ruba Mustafa
Office Location	-
Office Hours	
Email	rmmustafa@just.edu.jo

Class Schedule & Room
<p>Section 1: Lecture Time: U :- Room: HOSPITAL</p>

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	45-50 cases distributed as follows: # Anterior RCT (single-visit, simple): 15 cases # Premolar RCT (single/multi-visit, moderate): 12 cases # Molar RCT: 8 cases # Retreatments (any tooth ? moderate ? complex): 6 cases (at least one molar) # Vital pulp therapy/pulpotomy / Fracture instrument management, regeneration, internal resorption, MTA plug, fiber post, External root resorption, trauma case, post removal, complex anatomy, perforation repair...etc: 9 cases / one case should be post and core.	

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Clinical case presentation in the midterm	15%	
Full 2-case presentation with literature at the end of the semester	25%	
Evaluation of the clinical cases treated over the semester	60%	

Relationship to Program Student Outcomes (Out of 100%)														
PLO_9K1	PLO_9K2	PLO_9K3	PLO_9S1	PLO_9S2	PLO_9S3	PLO_9C1	PLO_9C2	PLO_9C3	PLO_9C4.1	PLO_9C4.2	PLO_9C5	PLO_9C6.1	PLO_9C6.2	PLO_9C6

Evaluation	
Assessment Tool	Weight
Clinical case/Viva/ OSCE/	25%
Clinical case presentation	15%
log book Evaluation	60%

Policy	
Prohibited Use	Submitting AI-generated work as original Using AI during assessments or exams Fabricating clinical data or references Sharing patient or clinical data with AI platforms since this violates **patient confidentiality** and data protection laws.
AI Use in Clinical Settings	AI is not a substitute for clinical reasoning. Students are expected to rely on: Evidence-based guidelines

Academic Integrity and Honesty	Students must clearly acknowledge if they used AI to assist with any part of an assignment (e.g., "AI-assisted drafting with ChatGPT"). Failure to disclose AI use where required may lead to academic penalties, including assignment failure or disciplinary action.
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