



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

DENT745 Advanced Endodontics 1
First Semester 2021-2022

Course Catalog
2 Credit Hours. Course Title: Advanced Endodontics 1 Course Code: Dent 745 Credit Hours: 2 Course Coordinator: Prof Lama Awawdeh Office Hours: Monday 12:00 ? 4:00 or by appointment E-mail: <lawawdeh@hotmail.com> Teaching Method: Blended Time: Every Tuesday 9:30:0-11:30 Pm Place: JUST/ Postgrad Dental Clinics, Lecture Theatre No 2 Course Description This is the first theoretical course in the three year clinical endodontic master program. It consists of series of lectures and seminars. The first objective of this course is designated to expose the first year postgraduate dental students to the major basic topical areas in endodontics . This should help them achieving a successful management of various clinical aspects in endodontics.

Text Book	
Title	Cohen?s Pathways of the Dental Pulp, Mosby-USA 2020
Author(s)	Louis H. Berman, Kenneth M. Hargreaves
Edition	12th Edition
Short Name	Pathways
Other Information	Mosby-USA 2020

Course References

Short name	Book name	Author(s)	Edition	Other Information
Torbinejad endodontics	Endodontics Principles and Practice	Torbinejad M, Walton R & Fouad A	5th Edition	2014

Instructor	
Name	Prof. Lama Awawdeh
Office Location	234
Office Hours	Mon : 14:45 - 16:00 Tue : 11:15 - 16:00
Email	lawawdeh@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Tue : 09:00 - 12:00 Room: MASTER HALL1

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to endodontic, an overview/Diagnosis I	
Week 2	Diagnostic procedures II/ Case selection and treatment planning	
Week 3	Structure and functions of the dentin and pulp complex	
Week 4	Tooth morphology and access cavity preparation	
Week 5	Radiography in endodontic /Working length determination	
Week 6	Cleaning and shaping of the root canal system I/apical limit-irrigation	

Week 7	Cleaning and shaping of the root canal system II/ apical size	
Week 8	Cleaning and shaping of the root canal system III/ Rotary systems	
Week 9	Midterm exam	
Week 10	Intracanal medicaments and temporization	
Week 11	Obturation of the cleaned and shaped root canal system	
Week 12	Restoration of endodontically treated teeth	
Week 13	Endodontics emergencies: diagnosis and management	
Week 14	Discussion session	
Week 15	Exam	

Relationship to Program Student Outcomes (Out of 100%)											
Taking History and clinical Examination for complete or partial denture patients Primary impressions	Border molding using tracing compound and secondary impressions using ZOE impression material	Jaw registration	Wax-try-in	Insertion of finished dentures	Professionalism	Infection control	Comprehensive dental care	Dental Caries	Operative dentistry	Endodontics	Restoration of badly broken teeth

Policy	
Attendance policy:	Students are expected to attend more than 90% of lectures JUST policy requires the faculty member to assign ZERO grade (35) if a student misses 10% of the classes that are not excused.
Feedback:	Feedback: Concerns or complaints should be expressed in the first instance to the course instructor. If no resolution is forthcoming then the issue should be brought to the attention of the Department Chair and if still unresolved to the Dean. Questions about the material covered in the lecture, notes on the content of the course, its teaching and assessment methods can be also sent by e-mail.

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