



The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Conservative Dentistry theory-2
2	Course number	1302317
3	Credit hours (theory, practical)	One credit hour (theory)
	Contact hours (theory, practical)	One hour/week
4	Prerequisites/corequisites	None
5	Program title	Doctor of Dental Surgery (DDS)
6	Program code	NA
7	Awarding institution	University of Jordan
8	Faculty	Dentistry
9	Department	Restorative Dentistry
10	Level of course	Undergraduate
11	Year of study and semester (s)	Third year – first semester 2022-2023
12	Final Qualification	DDS
13	Other department(s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	October 2021

16. Course Coordinator:

Dr. Sanaa Aljamani DDS, MFDS RCSI, DDSc, M(Endo)RCSEd, JDB (Endo)

Office hours: Thursday 4-5 pm. School of dentistry building, second floor.

Phone no. 065355000 Ext 23552.

E-mail: s.aljamani@ju.edu.jo

17. Other instructors:

Prof Leena Smadi E-mail: lsmadi@ju.edu.jo

Prof Ibrahim Abu-Tahun: E-mail: ihahun@yahoo.com

Dr. Ahmad Maaita: E-mail: ahmadmaayta@hotmail.com

Dr. Sari Mahasneh: E-mail: sari-mahasneh@hotmail.com

Dr Rawan Abu Zaghlan: E-mail zaghlan2010@hotmail.com

18. Course Description:

This course discusses the basics of pulpal anatomy, histology, and physiology and explains the technical steps of root canal treatment and its biologic rationale. It also introduces students to diagnosis of pulpal and periapical pathosis, pre-operative considerations and radiology in Endodontics.

19. Course aims and outcomes:**a- Aims:**

This course aims to provide the students with basic knowledge about the pulp and periradicular physiology and pathology and how to manage the disease occurs to the the pulp and the surrounding structures.

b- Intended learning outcomes (ILOs):

Upon successful completion of this course, students will be able to:

1. Appreciate the scope of endodontics.
2. Understand the histology and physiology of the dental pulp.
3. Be familiar with the internal anatomy of teeth with emphasis on the root canal system anatomy
4. Recognize the different types of endodontic instruments and their indications for use.
5. Learn how to take and interpret radiographs in relation to endodontic disease and root canal treatment.
6. Recognize the morphology and the characteristics of the access cavity design.
7. Rational and methods of working length determination.
8. Understand the rationale and technicalities of canal instrumentation in both anterior and posterior teeth.
9. Appreciate the importance of obtaining a fluid-tight root canal obturation and an adequate coronal restoration
10. Know the different root canal obturation and temporization methods in endodontics.
11. Comprehend the basic principles and modern technology related to root canal therapy.
12. Pre-endodontic treatment considerations, introduce students to endodontic diagnosis.

20. Topic Outline and Schedule:

Week	Date	Topic	Instructor	Achieved ILOs	Evaluation Methods	Reference
1		The dental pulp organ	Prof Ibrahim	1,2	22 (1,2)	25 (A & B)
2		The use and description of endodontic instruments	Dr Aljamani	6	22 (1,2)	25 (A & B)
3		Root morphology and access cavity in anterior teeth	Dr Rawan	3,4	22 (1,2)	25 (A & B)
4		Root morphology and access cavity in premolar teeth	Dr Rawan	3,4	22 (1,2)	25 (A & B)
5		Root morphology and access cavity in molar teeth	Dr Rawan	3,4	22 (1,2)	25 (A & B)
6		Working length determination	Prof Leena	5	22 (1,2)	25 (A & B)
7		Cleaning and shaping of the root canal system I	Dr Maaita	7	22 (1,2)	25 (A & B)
8		Cleaning and shaping of the root canal system II	Dr Maaita	7	22 (1,2)	25 (A & B)
9		Three-dimensional obturation of the root canal system I &II	Dr Aljamani	8, 9	22 (1,2)	25 (A & B)
10		Temporization in endodontics	Dr Aljamani	8, 9	22 (1,2)	25 (A & B)
12		Biologic consideration in endodontic therapy	Dr Rawan	7	22 (1,2)	25 (A & B)
13		Antibacterial strategies in endodontics	Dr Sari	7	22 (1,2)	25 (A & B)
14		Introduction to endodontic radiology	Dr Aljamani	11	22 (1,2)	25 (A & B)
15		Introduction to endodontic diagnosis	Dr Maaita	10	22 (1,2)	25 (A & B)

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21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

Lectures: 14 one-hour lectures for the duration of the first semester.

This is an online-teaching modules. Lectures will be given once a week and uploaded on the e-learning.

The streaming of online lectures will be via Microsoft teams of JU university account. Attendance is mandatory as lectures might not be recorded

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

1- Midterm exam (MCQs),:40 points.

2- Final Exam: 60 points. MCQ format

23. Course Policies:

A- Absences from exams and handing in assignments on time:

The student will be allowed to set for a make-up exam (usually essay) if he/she did not attend the exam due to an acceptable excuse and the excuse was presented in due time as set in the UJ's regulations. If he/she did not attend an exam without an acceptable excuse the student's mark for that exam will be zero.

B- Health and safety procedures:

Please attend the lecture on the specified time slot to avoid crowding. Wear your mask and keep a safety distance from others

D- Honesty policy regarding cheating, plagiarism, misbehavior:

Dishonesty of any kind with respect to examinations, course assignments, alteration of records, or illegal possessions of examinations will be considered as academic misconduct. It is the responsibility of the student not only to abstain from such behavior, but also to avoid the appearance of misbehavior and to guide against making it possible for others to misbehave. Students who collaborate in academic misconduct are as guilty as the student they assist. The student also should do everything possible to induce respect for the examination process and for honesty in the performance of assigned tasks in or out of class. Rules regarding this matter apply to all examinations and course work. Please refer for your Student Guide book for detailed regulations.

E- Grading policy:

Percentage marks are converted to letters. (A)/(A-) are usually given for top 10-15% of students. Percentage mark < 50 does not mean a mark of (D-) or (F).

F- Available university services that support achievement in the course:

Students can utilize UJ's medical or main library facilities. In addition, they can access e-journals and e-books within campus. They can access the Moodle e-learning through the UJ's wireless

internet facilities for free or through the computer lab in the Faculty of Dentistry. A lot of other facilities and support can be provided through the Deanship of Student Affairs.

24. Required equipment:

None.

25. References:

A- Required book (s), assigned reading and audio-visuals:

- Walton and Torabinejad. Principles and practice of endodontics, 4th edition, Saunders.

B- Recommended books, materials, and media:

- TR Pitt Ford. Endodontics in clinical practice, 5th edition, Wright.

26. Additional information:

Expected workload:

On average, students are expected to spend between 3 and 5 hours per week on this course.

Course Coordinator: Dr. Sanaa Aljamani

Signature: Sanaa Date: 10/10/2021

Head of curriculum committee/Department: -----Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty:----- Signature: -----

Dean: ----- Signature: -----

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Head of Department
Assistant Dean for Quality Assurance
Course File