



**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	Conservative Dentistry
10	Level of course	Undergraduate
11	Year of study and semester (s)	Third year – first semester 2019-2020
12	Final Qualification	DDS
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	September 2019

#### 16. Course Coordinator:

*Dr. Rawan Abu Zaghlan. DDS, MFDS RCSI, MSc, M(Endo)RCSEd, JDB (Endo)*  
*Office hours: Sunday 12-2 pm. School of dentistry building, second floor.*  
*Phone no. 065355000 Ext 23552.*  
*E-mail: [r.abuzaghlan@ju.edu.jo](mailto:r.abuzaghlan@ju.edu.jo), [zaghlan2010@hotmail.com](mailto:zaghlan2010@hotmail.com)*

#### 17. Other instructors:

**Dr. Leena Smadi** E-mail: [lsmadi@ju.edu.jo](mailto:lsmadi@ju.edu.jo)  
**Dr.Rada Haddadin** E-mail: [dr.radahaddadin@gmail.com](mailto:dr.radahaddadin@gmail.com)  
**Dr.Ibrahim Abu-Tahun:** E-mail: [ihahun@yahoo.com](mailto:ihahun@yahoo.com)  
**Dr.Ahmad Maaita:** E-mail: [ahmadmaayta@hotmail.com](mailto:ahmadmaayta@hotmail.com)

#### 18. Course Description:

This course discusses the basics of pulpal anatomy, histology, and physiology and explains the mechanical steps of root canal treatment and its biologic rationale. It also introduce 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 such problems.

**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. Recognise the morphology and the characteristics of the access cavity design.
5. Rational and methods of working length determination.
6. Recognize the different types of endodontic instruments
7. Understand the rationale and technicalities of canal instrumentation in both anterior and posterior teeth.
8. Appreciate the importance of obtaining a fluid-tight root canal obturation and an adequate coronal restoration
9. Know the different root canal obturation and temporization methods in endodontics.
10. Comprehend the basic principles and modern technology related to root canal therapy.
11. Pre-endodontic treatment considerations, introduce students to endodontic diagnosis.
12. Learn how to take and interpret radiographs in relation to endodontic disease and root canal treatment.

**20. Topic Outline and Schedule:**

Week	Date	Topic	Instructor	Achieved ILOs	Evaluation Methods	Reference
1	22/9 23/9	The dental pulp organ	Dr Ibrahim	1,2	22 (1,2)	25 (A & B)
2	29/9 30/9	Root morphology and access cavity in anterior teeth	Dr Rawan	3,4	22 (1,2)	25 (A & B)
3	6/10 7/10	Root morphology and access cavity in premolar teeth	Dr Rawan	3,4	22 (1,2)	25 (A & B)
4	13/10 14/10	Root morphology and access cavity in molar teeth	Dr Rawan	3,4	22 (1,2)	25 (A & B)
5	20/10 21/10	Working length determination	Dr Rawan	5	22 (1,2)	25 (A & B)
6	27/10 28/10	Cleaning and shaping of the root canal system I	Dr Maaita	7	22 (1,2)	25 (A & B)
7	3/11 4/11	Cleaning and shaping of the root canal system II	Dr Maaita	7	22 (1,2)	25 (A & B)
8	10/11 11/11	Three-dimensional obturation of the root canal system I & II	Dr Rada	8, 9	22 (1,2)	25 (A & B)
9	17/11 18/11	Temporization in endodontics	Dr Rada	8, 9	22 (1,2)	25 (A & B)
10	24/11 25/11	The use and description of endodontic instruments	Dr Leena	6	22 (1,2)	25 (A & B)
11	1/12 2/12	Biologic consideration in endodontic therapy	Dr Rada	7	22 (1,2)	25 (A & B)
12	8/12 9/12	Antibacterial strategies in endodontics	Dr Rada	7	22 (1,2)	25 (A & B)
13	15/12 16/12	Introduction to endodontic radiology	Dr Rada	11	22 (1,2)	25 (A & B)
14	22/12 23/12	Introduction to endodontic diagnosis	Dr Rawan	10	22 (1,2)	25 (A & B)

موعد المحاضرات:

شعبة (1) الاحد من الساعة 3:00-4:00 في مدرج بهجت التلهوني  
شعبة (2) الاثنين من الساعة 3:00-4:00 في قاعة زهير مراد

**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 second semester.

**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 or essays), **e-learning discussions:** 40 points.

**2- Final Exam:** 60 points. MCQ format

**23. Course Policies:****A- Attendance policies:**

Students are allowed 15% absence according to university laws.

**B- 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.

**C- Health and safety procedures:**

No special recommendation.

**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.
- Cohen and Hargreaves. Pathways of the pulp, 10th edition, Mosby.

**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 Rawan Abu Zaghlan. Signature:  Date: 16/09/2019

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

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

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

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

Copy to:  
 Head of Department  
 Assistant Dean for Quality Assurance  
 Course File