The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Conservative Dentistry 3 - Theory
2	Course number	1302415
3	Credit hours (theory, practical)	1
	Contact hours (theory, practical)	15
4	Prerequisites/corequisites	
5	Program title	Doctor of Dental Surgery (DDS)
6	Program code	NA
7	Awarding institution	The University of Jordan
8	Faculty	Faculty of Dentistry
9	Department	Department of Conservative Dentistry
10	Level of course	Bachelor
11	Year of study and semester (s)	Fourth year, first and second semesters
12	Final Qualification	DDS
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	12 October 2015

16. Course Coordinator:

Name: *Dr.Ibrahim Abu-Tahun ,*
Office number:*Faculty of Dentisty,23552,*
E-mail: *ihtahun@yahoo.com*
office hours: *Wed: 12-2.*

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Dr.Mohammad Al-Rababah, office hours: Wed.1:30-2:30., phone no.23552, E-mail: malrababah@ju.edu.jo
Dr.Ahmad Maaita, office hours:.....,phone no.23552, E-mail:ahmadmayyta@hotmail.com
Prof.Fouad Kathem, office hours: Sun.11-12, Tue: 12-1, phone: 23552, E-mail:fouadk@ju.edu.jo
Prof.Jamal Aqrabawi, office hours: Mon.12-2.phone:23552, E-mail:jamal58@go.com
Dr Suzan Hattar, office hours: Monday 12-2 Phone: 23552 , E-mail: susanhattar@yahoo.fr
Dr Mohammad Hammad, office hours: Monday 1-3 Phone: 23552 , E-mail: m**hamm**ad_jo@yahoo.com

18. Course Description:

This course aims at introducing the student to clinical conservative dentistry through reviewing the basics and principles of conservative dentistry. It emphasizes the importance of case evaluation, diagnosis and developing treatment plan, considerable emphasis is given to new restorative procedures and related dental materials.

19. Course aims and outcomes:

A- Aims:

Course objectives are:

1. To emphasize the importance of accurate diagnosis and formulation of proper treatment plan
2. To consolidate knowledge of cavity preparation
3. To provide an understanding of pulpal and periapical pathology and methods of diagnosis
4. To introduce concepts of dental trauma, classification and management
5. To introduce concepts on the aetiological factors of non-carious lesions, prevention and management
6. To provide understanding of various aetiological factors of teeth discoloration and introduce different ways of management
7. To consolidate knowledge of occlusal recording in relation to restorative dentistry
8. To emphasize on periodontal considerations in relation to restorative dentistry
9. To introduce concepts of restoration of endodontically treated teeth.
10. To give insight on various methods of tooth bleaching procedures
11. To discuss in details the various types of all ceramic restorations
12. To provide knowledge on dental veneers

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to …

A) Knowledge and understanding (student should)

A1) be able to discuss various factors related to carious and non-carious lesions
A2) be able to explain bleaching and veneers as plausible dental treatment modalities
A3) be able to discuss various aetiological factors related to teeth discoloration
A4) be able to discuss the effect of trauma on teeth and periodontium
A5) be able to recognize various pulpal and periapical diseases

B) Intellectual skills < cognitive and analytical> (student should)

B1) be able to diagnose of endodontic pathologies and differentiate the key factors of each
B2) be able to analyze whether a restoration is needed and suggest the relative merits or demerits of possible restorative intervention
B3> be able to decide the appropriate clinical situation for the use of all ceramic restorations, and to acknowledge their advantages and limitations

C) Subject specific skills (student should)

C1) be able to perform appropriate cavity design in relation to disease, material and the patient
C2) be able to deal with dental trauma and avulsion
C3) be able to deal with non carious lesions, preventive and restorative measures
C4) be able to deal with tooth discoloration, either using bleaching or veneer techniques
C5) be able to take radiographs during root canal treatment under rubber-dam isolation
C7) be able to restore endodontically treated teeth
C8) to be able to restore teeth by all ceramic restorations

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Diagnosis and treatment planning in conservative dentistry	1	Dr.Al-Rabab'ah	19 (B1, B2)	22 (1,2,3)	25 (1)
Clinical steps of cavity preparation I	2	Dr.Al-Rabab'ah	19 (C1)	22 (1,2,3)	25 (1)
Clinical steps of cavity preparation II	3	Dr.Al-Rabab'ah	19 (C1)	22 (1,2,3)	25 (1)
Endodontic diagnostic procedure I	8	Prof.Jamal	19 (B1, B2, C5)	22 (1,2,3)	25 (3,4)
Endodontic diagnostic procedure II	9	Prof.Jamal	19 (B1, B2, C5)	22 (1,2,3)	25 (3,4)
Diseases of the pulp organ	1o	Prof.Jamal	19 (A5)	22 (1,2,3)	25 (3,4)
Diseases of the periradicular tissues	11	Prof.Jamal	19 (A5)	22 (1,2,3)	25 (3,4)
Roots caries I	4	Prof.Fouad	19 (A1,C1)	22 (1,2,3)	25 (1)
Roots caries II	5	Prof.Fouad	19 (A1,C1)	22 (1,2,3)	25 (1)
Restoration of Endodontically treated teeth I	6	Prof.Fouad	19 (C7)	22 (1,2,3)	25 (1)
Restoration of Endodontically treated teeth II	7	Prof.Fouad	19 (C7)	22 (1,2,3)	25 (1)
The role of coronal leakage in endodontic treatment failure	12	Dr.Maaita	19 (B2)	22 (1,2,3)	25 (4)
Local anesthesia in endodontic practice	13	Dr.Maaita	19 (C2)	22 (1,2,3)	25 (4,5)
Management of failed direct restorations	14	Dr.Al-Rabab'ah	19 (A1,B2)	22 (1,2,3)	25 (1)
Non carious Lesion	15	Dr. Suzan	19 (A1)	22 (1,2,3)	25 (6,7)
Esthetic Veneers part I: Indications, contraindication and procedures	16	Dr. Suzan	19 (B1,C1)	22 (1,2,3)	25 (6,7)
Esthetic Veneers part II: Indications, contraindication and procedures	17	Dr. Suzan	19 (B1,C1)	22 (1,2,3)	25 (1,6,7)

Preventive Endodontics: Protecting the pulp	18	Dr. Maaita	19 (A1,B1)	22 (1,2,3)	25 (4)
Management of Endodontic Emergency.	19	Dr. Maaita	19 (A4,A5)	22 (1,2,3)	25 (2,4)
Traumatic Dental Injury	20	Dr. Maaita	19 (B1,C2)	22 (1,2,3)	25 (8)
Management of Avulsion	21	Dr. Maaita	19 (C2)	22 (1,2,3)	25 (8)
Management Of vital teeth with Wide And Open Apex I	22	Dr. Ibraheem	19 (A4,B1,C2)	22 (1,2,3)	25 (3,4)
Management Of nonvital teeth with Wide And Open Apex II	23	Dr. Ibraheem	19 (A4,B1,C2)	22 (1,2,3)	25 (3,4)
Diagnosing & Treating Cracked Teeth	24	Dr. Hammad	19 (B1,B2)	22 (1,2,3)	25 (3,4)
All-Ceramic Restorations I	25	Prof. Fouad	19 (B3,C8)	22 (1,2,3)	25 (1)
All-Ceramic Restorations II	26	Prof. Fouad	19 (B3,C8)	22 (1,2,3)	25 (1)
Bleaching I	27	Prof.Awni	19 (A3,C4)	22 (1,2,3)	25 (3,4)
Bleaching I I	28	Prof.Awni	19 (A3,C4)	22 (1,2,3)	25 (3,4)

21. Teaching Methods and Assignments:

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

Teaching methods:

Duration: first and second semester
Lectures: 28 hours, one per week

22. Evaluation Methods and Course Requirements:

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

Methods of evaluation: Exams:(MCQs or essays)

1. first exam 25 marks /
2. Second exam 25 marks /
3. Final exam 50 marks /

23. Course Policies:

A- Attendance policies:
Lecture attendance is obligatory. The handout and recommended textbook are not comprehensive and additiona

material will be covered in lectures. Students are responsible for all material covered in lectures. However, 15% allowed absence is granted for students by the university law.

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

According to the roles and regulations of the University of Jordan

C- Health and safety procedures:

According to the roles and regulations of the Faculty of Dentistry

D- Honesty policy regarding cheating, plagiarism, misbehavior:

According to the roles and regulations of the University of Jordan

E- Grading policy:

According to the roles and regulations of curriculum for the academic degree of Doctor of Dental Surgery (DDS)

F- Available university services that support achievement in the course: None

24. Required equipment:

None special

25. References:

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

1. Studevant's Art and Science of operative dentistry, Fourth edition, Roberson, Heymann, Swift (Mosby)
2. Endodontics, second edition, Stock, Gulabivala, Walker, Goodman. (Mosby-Wolfe)
3. Principles and practice of endodontics. Second edition, Walton &Torabinejad. (Saunders)
4. Cohen's Pathways of the pulp. 10th Edition.
5. Hargreaves and Keiser. Local anesthetic failure in endodontics: Mechanisms and Management. Endodontic Topics 2002, 1, 26–39
6. Noncarious cervical lesions (NCCL)--a clinical concept based on the literature review. Part 2: restoration Am J Dent. 2011 Jun;24(3):183-92.
7. Non carious cervical lesions and occlusion: A systematic review of clinical studies. J Oral Rehab 2012;39:450 Abfraction separating fact from fiction. Austr Dent J. 2009

8. Andreasen JO, Bakland LK, Flore MT, Andreasen FM, Andersson L. Traumatic Dental Injuries. A Manual. 3rd edition. Wiley-Blackwell.

B- Recommended books, materials, and media:

26. Additional information:

Expected workload:
On average you should expect to spend between 2 hours per week on this course.

Name of Course Coordinator: Dr.I.Abu-Tahun Signature: ---------- Date: -12 -10,--2015---------- ---------- Head of curriculum committee/Department: ---------- Signature: ---------- -------

Head of Department: Dr. M.Hammad Signature: ----------

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

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

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