

## Course E-Syllabus

1	<b>Course title</b>	Introduction to Clinical Dentistry & Oral Diagnosis (Theory) <b>Online course</b>
2	<b>Course number</b>	1301355
3	<b>Credit hours</b>	One hour theory
	<b>Contact hours (theory, practical)</b>	One hour/week theory
4	<b>Prerequisites/corequisites</b>	None
5	<b>Program title</b>	Doctor of Dental Surgery (DDS)
6	<b>Program code</b>	NA
7	<b>Awarding institution</b>	The University of Jordan
8	<b>School</b>	Faculty of Dentistry
9	<b>Department</b>	Department of Oral Surgery, Oral Medicine and Periodontology
10	<b>Level of course</b>	Bachelor
11	<b>Year of study and semester (s)</b>	Third year, Summer semester
12	<b>Final Qualification</b>	DDS
13	<b>Other department (s) involved in teaching the course</b>	None
14	<b>Language of Instruction</b>	English
15	<b>Teaching methodology</b>	<input type="checkbox"/> Blended <input checked="" type="checkbox"/> Online
16	<b>Electronic platform(s)</b>	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input checked="" type="checkbox"/> Zoom <input type="checkbox"/> Others.....
17	<b>Date of production/revision</b>	June, 2020

### 16. Course Coordinator:

Name: Dr. Omar Amjad Karadsheh

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### 17. Other instructors:

Dr. Yazan Hassouneh

## 18. Course Description:

A clinical preparatory course aiming to introduce third year dental students to the dental clinical environment.

## 19. Course aims and outcomes:

- This course aims at introducing third year dental students to the dental clinical environment.
- It demonstrates the clinical aspect of dental practice by explaining the patient's history, clinical examination and other methods of collecting diagnostic information.
- Cross-infection control is also demonstrated with special emphasis on the dental clinical environment and methods of sterilization.
- Students are expected to learn ways of collecting diagnostic information. This starts with taking the clinical history. Methods of clinical examination are also explained to students so that all students would be able to identify the main steps in extra-oral and intraoral examination. Students should differentiate between normal and abnormal structures of the oral cavity.
- Students are expected to be competent in formulating and rationalising a preliminary treatment plan and possible alternative plans corresponding to their patients' needs.
- Students should be able to properly communicate with the patient and establish an appropriate patient-dentist relationship.
- Students are introduced to the clinical protocols, policies and work safety guidelines followed in the UJ hospital.
- Occupational and radiation hazards will be included in addition to Ergonomics, Personal Protective Equipment, Occupational Health and Safety and Cross-infection control.
- Students will be introduced to the most frequently prescribed medications in dental practice together with rules of prescription writing.

## 20. Topic Outline and Schedule:

1.					
Topic	No. of Lectures	Week	Instructor	Achieved ILOs	Evaluation Methods
Cross infection control and sterilization	2	29– 30/6/20 20	Dr. Omar Karadsheh	<ul style="list-style-type: none"> <li>• Methods of clinical infection control &amp; methods of sterilization</li> </ul>	2. Mid + Final exams

				<ul style="list-style-type: none"> <li>• Surfaces classification (critical, semi critical, non-critical)</li> <li>• Sterilization &amp; disinfection procedures.</li> <li>• Instrument asepsis</li> </ul>	
Patient's History	1	6- 7/7/2020	Dr. Yazan Hassouneh	Components of patient's history: Personal details, Chief complaint and its history, Medical history, Dental history, Family history, social and habitual history	Mid + Final exams
Methods of clinical examination, Extra-oral examination charting and investigations.	1	6- 7/7/2020	Dr. Yazan Hassouneh	<ul style="list-style-type: none"> <li>• Extra oral examination: Lymph nodes, TMJ, Head and Neck</li> <li>• Intraoral examination: Oral mucosae; Students should differentiate between normal and abnormal structures of the oral cavity.</li> <li>• Special Investigations</li> </ul>	Mid + Final exams
Intraoral examination, Dental and periodontal screening examination, caries detection	2	13-14/7	Prosthodontics Dept.	<ul style="list-style-type: none"> <li>• Dental examination, Salivary flow, Periodontal screening examination</li> <li>• Dental Charting</li> <li>• Diagnosis of dental and pulpal diseases; how to assess caries and tooth vitality.</li> </ul>	Mid + Final exams
Principles of treatment planning	1	20- 21/7	Dept. of Conservative dentistry	<ul style="list-style-type: none"> <li>• How to develop a treatment plan?</li> <li>• Prioritizing emergency treatments and eradicating infections in any dental treatment plan.</li> <li>• Emphasis on prevention</li> <li>• Factors affecting/complicating/altering</li> </ul>	Mid + Final exams

				treatment plans & decision-making.	
Introduction to local anaesthesia, analgesia and commonly used antimicrobial agents in dentistry	1	20-21/7	Oral Surgery	<ul style="list-style-type: none"> <li>Local anaesthetic drugs</li> <li>Pharmacology of vasoconstrictors</li> <li>L.A Techniques</li> <li>Prescription writing</li> <li>The most employed antimicrobial agents, steroids and analgesics in dentistry.</li> </ul>	Mid + Final exams
Mid-term exam					
Oral hygiene instructions Dietary analysis Smoking cessation	1	27-28/7	Paeds and prevention Dept.	<ul style="list-style-type: none"> <li>Plaque control</li> <li>Smoking cessation</li> <li>Diet analysis</li> <li>Fluoride prescription</li> </ul>	Mid + Final exams
Dental records, confidentiality, informed consent and referral	1	27-28/7	Dept. of Orthodontics	<ul style="list-style-type: none"> <li>Importance of dental records and documentation.</li> <li>Informed Consent.</li> <li>Confidentiality.</li> <li>Referrals</li> </ul>	Mid + Final exams
Occupational hazards & Ergonomics	1	3-4/8	Omar Karadsheh	<ul style="list-style-type: none"> <li>Ergonomics in Dentistry</li> </ul>	Mid+F exam
Communication skills Motivational interviewing	1	3-4/8	Omar Karadsheh	<ul style="list-style-type: none"> <li>Motivational interviewing</li> <li>Communication skills</li> </ul>	Mid+final
Final Exam					

## 21. Teaching Methods and Assignments:

14 weeks, 14 hours in total  
Lectures: 12 hours, 2 per week + two weeks for exams.  
Online teaching using *Microsoft teams*

## 22. Evaluation Methods and Course Requirements:

Midterm exam: 40 points, MCQs.  
Final Exam: 60 points, MCQs.

**23. Course Policies:**

Lecture attendance is obligatory. The handout and recommended textbook are not comprehensive and additional material will be covered in lectures. Students are responsible for all material covered in lectures.

**24. Required equipment:** N/A

**25. References:**

1. **Student’s Clinical Manual 2014-2015, Faculty of Dentistry, The University of Jordan.**
2. **Infection control policy manual, 2014-2015 Faculty of Dentistry, The University of Jordan.**
3. **Crispian Scully. Medical problems in dentistry. Churchill livingstone. 6th edition. 2010.**
4. **Crispian Scully. Applied medicine and surgery in dentistry. 3rd edition. 2010.**
5. **Gary C. Coleman, John F. Nelson. Principles of Oral Diagnosis. ISBN (0-8016-1005-2), Mosby-Year Book. 2003.**
6. **Dental Journals that provide Oral Medicine topics, preferably:**
  - ✓ **Dental Update**
  - ✓ **Journal of American Dental association**
  - ✓ **Journal of Canadian Dental association**
  - ✓ **British Dental Journal**
  - ✓ **Other journals specified by instructors**

As assigned by the supervising faculty

**26. Additional information:**

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Name of Course Coordinator: **Omar Karadsheh** Signature:  Date: June, 2020

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

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

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

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