



**The University of Jordan**

**Accreditation & Quality Assurance Center**

**COURSE Syllabus**

1	Course title	Dental Radiology Clinical
2	Course number	1301457
3	Credit hours (theory, practical)	1/2
	Contact hours (theory, practical)	14
4	Prerequisites/corequisites	Dental Radiology theory 1
5	Program title	
6	Program code	
7	Awarding institution	
8	Faculty	Dentistry
9	Department	Oral Surgery, Oral Medicine and Periodontology
10	Level of course	
11	Year of study and semester (s)	4 <sup>th</sup> year, First semester
12	Final Qualification	
13	Other department (s) involved in teaching the course	
14	Language of Instruction	
15	Date of production/revision	

**16. Course Coordinator:**

*Abeer AlHadidi*  
*Office hours: Thursday 12:00-4:00*

**17. Other instructors:**

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**18. Course aims and outcomes:****A- Aims:**

To teach students how to place, expose and process bitewing radiographs.

- To teach students how to place, expose and process periapical radiographs using paralleling and bisecting techniques.
- To train students how to identify the buccal/lingual positions of objects radiographically utilizing two methods of localization: right-angle and tube-shift.
- To enable students to recognize and correct common radiographic technique, processing and film handling errors.
- To teach students how to prepare panoramic unit and correctly positioning patients in the unit to achieve a quality panoramic radiograph.
- To expose to student to extra oral and advance imaging modalities

**B- Intended Learning Outcomes (ILOs):** Successful completion of this module should lead to the following learning outcomes:

- 1) Understand the most important radiographic techniques used in dentistry.
- 2) Identify and correct different radiographic errors.
- 3) Describe errors seen on dental radiographs.
- 4) Employ methods of interpreting different images.
- 5) Use dental X-ray machines effectively.
- 6) Master taking and developing dental radiographs.
- 7) Work effectively in case of an oral exam
- 8) Work effectively in examining patients with different imaging modalities.

**19. Topic Outline and Schedule:**

Session	Title	Instructor
1	Introduction to different techniques in intraoral imaging	AlHadidi
2	Intraoral imaging	AlHadidi
3	Intraoral imaging/ Mounting exercise	AlHadidi
4	Intraoral imaging	AlHadidi
5	Intraoral imaging	AlHadidi
6	Intraoral imaging/ Critique and interpretation session	AlHadidi
7	Intraoral imaging	AlHadidi
8	Intraoral imaging_Competancies	AlHadidi
9	Intraoral imaging_Competancies	AlHadidi
10	Panoramic and extraoral imaging exercise	AlHadidi
11	Advanced imaging exercise_Virtual implant treatment planning	AlHadidi
12	2D Extra Oral and skull imaging	AlHadidi
13	Intraoral imaging_Revision	AlHadidi

**21. Teaching Methods and Assignments:**

Clinical training  
One to one case discussions  
Online assignments

**22. Evaluation Methods and Course Requirements:**

Students are assessed throughout the semester with quizzes accounting for 30% of the mark, The complete full mouth series and interpretation (Semester daily work) that accounts for 30% of the final grade. Final exam counts for 40% of the total mark.

Competencies: Interpretation of a single panoramic, pa, and a bitewing.

**23. Course Policies:**

Tutorial session attendance is obligatory. You are responsible for all the material covered in the tutorial sessions.

**25. References:**

White, S. and Pharoh, M. Oral Radiology: Principles and Interpretation. 7<sup>th</sup> edition, 2014. Mosby.  
E learning module of the course.

Name of Course Coordinator: -----Signature: ----- Date: -----

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