

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 th 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:

Dr. Laith Abu Qdais

17. Other instructors:

Dr. Abdalla Hazza'a
Dr. Mustafa Alkhader
Dr. Mahmoud Al Sheikh

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

- To teach student to implement proper selection criteria for taking radiographs.
- To teach students how to place, expose and process bitewing radiographs.
- To teach students how to place, expose and process periapical radiographs using paralleling 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 enable students to recognize anatomical features on intraoral radiographs, panoramic, as well CBCT scans.
- To enable students to recognize common dentoalveolar diseases on intraoral radiographs.
- To teach students how to prepare panoramic unit and correctly positioning patients in the unit to achieve a quality panoramic radiograph.
- To expose the 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:

- Understand the most important radiographic techniques used in dentistry.
- Identify and correct different radiographic errors.
- Describe errors seen on dental radiographs.
- Employ methods of interpreting different images.
- Use dental X-ray machines effectively.
- Master taking and developing dental radiographs.
- Work effectively in case of an oral exam
- 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	Abu Qdais
2	Intraoral imaging/ Mounting exercise	Abu Qdais
3	Intraoral imaging/ Critique and interpretation session	Abu Qdais
4	Panoramic and extraoral imaging exercise	Abu Qdais
5	Advanced imaging exercise_Virtual implant treatment planning	Abu Qdais

21. Teaching Methods and Assignments:

Clinical training
 One to one case and group discussions in clinic
 One to one discussion for competencies in clinic
 In class quizzes
 In class presentations and assignments

22. Evaluation Methods and Course Requirements:

Students are assessed throughout the semester with:

- 1) The complete full mouth series, and interpretation (intraoral module daily work) that accounts for 25% of the final grade.
 - For the intraoral module the requirements are a **minimum** of one full mouth series. One full mouth series with a quality of B guarantees half of the 25%.
- 2) In class quizzes accounting for 25% of the mark.
- 3) Presentations and assignments account for 10%
- 4) Final exam counts for 40% of the total mark.

Competencies: Interpretation of a single Panoramic, PA, or a Bitewing.

23. Course Policies:

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

25. References:

White, S. and Pharaoh, M. Oral Radiology: Principles and Interpretation. 7th or 8th editions.

Name of Course Coordinator: Laith Abu Qdais Signature: LAQ Date: 29/09/2022

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

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

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

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

