1	Course title	Dental Radiology 2
2	Course number	1301555
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	15
4	Prerequisites/corequisites	Dental Radiology 1
5	Program title	Doctor of Dental Surgery
6	Program code	DDS
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)	5th 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:

Laith Abu Qdais

17. Other instructors:

18. Course aims and outcomes:

With the successful completion of this course, the students should be able to:

- Recognize normal radiographic appearance of oral and maxillofacial structures.
- Recognize the normal variations of anatomical structures.
- Recognize the presence of any radiographic abnormality.
- Describe the radiographic appearance of different lesions on routine radiographs.
- Have a fair ability to deal with alternative and specialized imaging modalities.
- Formulate a list of differential diagnoses for any lesion based on its radiographic appearance.
- Reach the most probable diagnosis of a lesion based on its radiographic appearance and clinical presentation.
- Link the radiographic appearance of different lesions to their pathogenesis.
- Link the radiographic appearance of different lesions to their clinical presentation.

A- Aims:

With the successful completion of this course, the students should be able to:

- Recognize normal radiographic appearance of oral and maxillofacial structures.

- Recognize the normal variations of anatomical structures.

- Recognize the presence of any radiographic abnormality.

- Describe the radiographic appearance of different lesions on routine radiographs.

- Have a fair ability to deal with alternative and specialized imaging modalities.

- Formulate a list of differential diagnoses for any lesion based on its radiographic appearance.

- Reach the most probable diagnosis of a lesion based on its radiographic appearance and clinical presentation.

- Link the radiographic appearance of different lesions to their pathogenesis.

- Link the radiographic appearance of different lesions to their clinical presentation.

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

A. Knowledge and Understanding (student should)

A1) Be able to identify and describe the radiographic appearance of various oral diseases. A2) Be able to classify the radiographic appearance of common oral lesions.

B. Intellectual skills-with ability to

B1) Employ the radiographic presentation of the disease in understanding its pathophysiology B2) Employ the mechanism of the disease in understanding its management.

C. Subject specific skills – with ability to

C1) Recognize the most important radiographic features of common oral diseases and the manifestation of systemic diseases that help in the diagnosis. C2) Give a differential diagnosis for common oral diseases and the manifestation of systemic diseases.

D. Transferable skills – with ability to

D1) Sharpen problem solving skills and develop an inquisitive thinking pattern. D2) Display an integrated approach to the deployment of communication skills.

19. Topic Outline and Schedule:

Session	Title	Instructor
1	Maxillofacial Imaging and Anatomy: Developing a Differential Diagnosis: Interpretation of Radiographic Signs	Abu Qdais
2	Radiographic Signs of Developmental Disturbances	Abu Qdais
3	Anatomy, Dental Anomalies, and Localization CRC-Seminar	Abu Qdais
4	Radiographic Signs of Systemic and Metabolic Disease	Abu Qdais
5	Radiographic Signs of Fibro-osseous Conditions and Diseases of Bone in the Jaws	Abu Qdais
6	Systemic, Metabolic, and Fibro-Osseous Conditions and Diseases of Bone in the Jaws CRC-Seminar	Abu Qdais
7	Radiographic Signs of Trauma	Abu Qdais
8	Radiographic Signs of Inflammation	Abu Qdais
9	Trauma/inflammation CRC-Seminar	Abu Qdais
10	Radiographic Signs of Cysts	Abu Qdais
11	Radiographic Signs of Benign Tumors	Abu Qdais
12	Cysts and Benign Tumors CRC-Seminar	Abu Qdais
13	Radiographic Signs of Malignant Disease	Abu Qdais
14	Malignant Lesions CRC-Seminar	Abu Qdais

21. Teaching Methods and Assignments:

The course taught thorough online interactive lectures through Microsoft team

22. Evaluation Methods and Course Requirements:

The student will be evaluated on the basis of midterm exam, which will constitute 40% of the final mark. The final examination, constitutes 60% of the final mark.

23. Course Policies:

Concerns or complaints should be expressed in the first instance to the course instructor. If no resolution is forthcoming, then the issue should be brought to the attention of the Department Chair and if still unresolved to the Dean. Questions about the material covered in the lectures, notes on the content of the course, its teaching and assessment methods can be also sent by e-mail.

25. References:

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

E learning module of the course.

Name of Course Coordinator: Laith Abu Qdais Signature: LAQ   Date: 05/10/2022

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

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

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

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