



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Radiologic Technology Department

RA358 Dental Radiography Lab

Second Semester 2023-2024

Course Catalog

1 Credit Hours. This course provides basic knowledge and skills in radiation physics, function and operation of dental x-ray equipment, intraoral and selected extraoral radiographic exposure techniques, dental film composition, handling and processing procedures as well as radiograph interpretation. In addition, the student will develop knowledge of the biological effects of radiation and demonstrate an understanding of safety principles for both operator and patients. The student will spend 3 hours per week in laboratory sessions learning exposure techniques on manikins and processing of films. .

Teaching Method: On Campus

Text Book

Title	Dental Radiography A Laboratory Manual, 5E
Author(s)	Iannucci, Joen M., And Howerton, Laura Jansen,
Edition	5th Edition
Short Name	1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Essentials of Dental Radiography and Radiology	Eric Whaites	3rd Edition	

Instructor

Name	Dr. MOHAMMAD AYASRAH
Office Location	-
Office Hours	
Email	maayasrah@just.edu.jo

Class Schedule & Room
<p>Section 1: Lecture Time: Sun : 08:30 - 10:30 Room: LAB</p> <p>Section 2: Lecture Time: Sun : 10:30 - 12:30 Room: LAB</p> <p>Section 3: Lecture Time: Tue : 08:30 - 10:30 Room: LAB</p> <p>Section 4: Lecture Time: Tue : 10:30 - 12:30 Room: LAB</p>

Teaching Assistant
Rasha Elshayib(Sections 1, 2, 3, 4)

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to dental terms and radiography	From 1, From 2
Week 2	The intraoral x-ray machine	From 1, From 2
Week 3	Panoramic and cephalometric machine	From 1, From 2
Week 4	Management of patients with special needs	From 1, From 2
Week 5	Management of children	From 1, From 2
Week 6	Film holders	From 1, From 2
Week 7	Practice of periapical techniques	From 1, From 2
Week 8	Practice of bitewing techniques 1	From 1, From 2
Week 9	Practice of bitewing techniques 2	From 1, From 2
Week 10	Practice of occlusal techniques 1	From 1, From 2

Week 11	Practice of occlusal techniques 2	From 1, From 2
Week 12	Practice of panoramic technique 1	From 1, From 2
Week 13	Practice of panoramic technique 2	From 1, From 2
Week 14	Practice of cephalometric technique 1	From 1, From 2
Week 15	Practice of cephalometric technique 2	From 1, From 2
Week 16	Revision	From 1, From 2

Relationship to Program Student Outcomes (Out of 100%)												
PLO B1	PLO B2	PLO B3	PLO B4	PLO B5	PLO B6	PLO B7	PLO M1	PLO M2	PLO M3	PLO M4	PLO M5	PLO M6

Date Printed: 2024-02-12