



Jordan University of Science and Technology
Faculty of Dentistry
Dental Surgery Department

DENT330 Paediatric Dentistry I - JNQF Level: 7

Summer Semester 2022-2023

Course Catalog

2 Credit Hours. The aim of this course is to provide introduction and guidance to begin assessment, planning and delivery of competent oral health care for healthy children. Students are expected to learn current techniques and principles based on most recent scientific literature.

Text Book

Title	Handbook of Clinical Techniques in Pediatric Dentistry
Author(s)	Jane A. Soxman
Edition	2nd Edition
Short Name	TEXTBOOK
Other Information	www.wiley.com/go/soxman/handbook

Course References

Short name	Book name	Author(s)	Edition	Other Information
TEXTBOOK	A Handbook of Pediatric Dentistry	Cameron A.C. & Widmer R.P.,	4th Edition	
TEXTBOOK	Pediatric Dentistry, Infancy through Adolescence	Pinkham J.R., Casamassimo P.S., Fields H.W., McTigue D.J. and Nowak A.J.,	6th Edition	
TEXTBOOK	Dentistry for Children	McDonald R.E. and Avery R.H.,	7th Edition	
TEXTBOOK	Restorative techniques in paediatric dentistry: an illustrated guide to the restoration of extensive carious primary teeth	Duggal, Monty S., M. E. J. Curzon, S. A. Fayle, K. J. Toynba, and A. J. Robertson	2nd Edition	
Electronic source	American Academy of Pediatric Dentistry Policies and Guidelines (2012-2020).	AAPD	1st Edition	http://www.aapd.org/media/policies.asp

Instructor

Name	Dr. Areej Alqadi
Office Location	-
Office Hours	
Email	ayalqadi@just.edu.jo

Class Schedule & Room

Section 1:
 Lecture Time: Sun, Tue : 19:00 - 20:00
 Room: متزامن الحضور منصة الكترونية

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	History taking and examination.	
Week 2	Notation System and Charting	
Week 3	Radiographic Examination Guidelines.	
Week 1	Minimal invasive restoration (FS, PRR, ART)	
Week 2	Teeth Isolation.	
Week 3	Pulp therapy of primary molars	
Week 4	Intracoronal restorations in the primary dentition	
Week 4	Stainless Steel Crowns of primary molars.	
Week 5	Eruption dates and sequence.	
Week 6	Caries risk and caries risk assessment.	

Week 7	Treatment planning and record keeping.	
--------	--	--

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
To learn proper history taking and examination of a child patient. [51.7 Scientific Knowledge and Cognitive Skills] [1L7C1]	5%	MID EXAM, Final Exam
To distinguish between different notation systems, chart teeth using these systems and know the eruption timing and sequence in children. [101.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	10%	MID EXAM, Final Exam
Understand principles of primary teeth restorations (ART, PRR, intra-coronal and extra-coronal restorations), indications, material selection and technique. [151.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	15%	MID EXAM, Final Exam
Understand principles of pulp therapy of primary teeth, indications, contraindications, materials and techniques [101.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	10%	MID EXAM, Final Exam
To know the indications of radiographic examination in children and be able to choose radiographic views and interpret them [51.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	5%	MID EXAM, Final Exam
To be able to assess the caries risk of paediatric patients and formulate a preventive plan accordingly. [52.1 Person Centered Care] [1L7S1, 1L7S2, 1L7S3, 1L7C4]	5%	Final Exam
Understand principles of record keeping and formulation of a treatment plan based on caries risk and history and examination findings. [102.1 Person Centered Care] [1L7S1, 1L7S2, 1L7S3, 1L7C4]	10%	Final Exam
To recognize the types and indications of fissure sealants and perform Resin Based fissure sealants on models. [101.3 Scientific Knowledge and Cognitive Skills] [1L7K1, 1L7S1]	10%	MID EXAM, Laboratory Continuous Assessment, Final Exam
To demonstrate knowledge related to tooth isolation techniques and perform Rubber Dam isolation on models [101.3 Scientific Knowledge and Cognitive Skills] [1L7K1, 1L7S1]	10%	MID EXAM, Laboratory Continuous Assessment, Final Exam
Perform caries removal and pulpotomy of primary molars on extracted teeth and models. [101.3 Scientific Knowledge and Cognitive Skills] [1L7K1, 1L7S1]	10%	Laboratory Continuous Assessment, Final Exam
Perform SSC preparation and T band fitting on models [101.3 Scientific Knowledge and Cognitive Skills] [1L7K1, 1L7S1]	10%	Laboratory Continuous Assessment, Final Exam

Relationship to Program Student Outcomes (Out of 100%)													
1.1 Scientific Knowledge and Cognitive Skills	1.2 Scientific Knowledge and Cognitive Skills	1.3 Scientific Knowledge and Cognitive Skills	1.4 Scientific Knowledge and Cognitive Skills	1.5 Scientific Knowledge and Cognitive Skills	1.6 Scientific Knowledge and Cognitive Skills	1.7 Scientific Knowledge and Cognitive Skills	2.1 Person Centered Care	2.2 Person Centered Care	2.3 Person Centered Care	2.4 Person Centered Care	3.1 Responsibility, Communication, Professionalism and Ethics	3.2 Responsibility, Communication, Professionalism and Ethics	3.3 Responsibility, Communication, Professionalism and Ethics
		40				45	15						

Relationship to NQF Outcomes (Out of 100%)						
L7K1	L7S1	L7S2	L7S3	L7C1	L7C4	
60	23.75	3.75	3.75	5	3.75	

Evaluation	
Assessment Tool	Weight
MID EXAM	25%
Laboratory Continuous Assessment	25%
Final Exam	50%

Date Printed: 2024-01-07