

Course Specification Student Version

Course Title:	Pre-Clinical Pediatric Dentistry
Course Code:	PDC 531
Department:	Preventive dental sciences
Program:	Bachelor of dentistry
College:	Vision College of dentistry and nursing , Riyadh
Institution:	Vision Colleges, Riyadh
Revised:	July 2025

A. Course Identification

1. Credit hours: 2 (1+1+0)
2. Level/year at which this course is offered: (5/9)
3. Pre-requisites for this course (if any): (RDC 311) Pre-Clinical Operative Dentistry -1
4. Co-requisites for this course (if any): None

B. Teaching Methods

1	Lecture
2	Laboratory sessions

C. Course Description and Main objective

1. Course Description

This course consists of a didactic and laboratory component with two credit hours (one lecture and one lab session per week) with the duration of one semester. It will cover :

1. Morphology of the teeth and cavity preparation for primary teeth.
2. Stainless steel in primary teeth.
3. Indications and technique of pulp therapy in primary teeth.
4. The influence of primary teeth morphology on principles of cavity preparation.
5. Fluoride, sealant and PRR system as a preventive measure against caries.
6. Behavior management (Non pharmacology method).
7. Orthodontic diagnosis and treatment plan in mixed dentition.

2. Course Main Objective

The main purpose of this course is to provide the students with the basic skills that would enable them to perform simple restorative and preventive procedures

D. Course Content

No	List of Topics
1	Introduction to pediatric dentistry
2	Morphology and eruption of primary teeth
3	Revision
4	ECC- RC - Pit and Fissure Sealants
5	Fluoride modalities
6	Restorative pediatric dentistry
7	Revision
8	Pulp therapy for primary and immature permanent teeth+ Stainless steel crown preparation
9	Orthodontic diagnosis and treatment plan in mixed dentition
10	Behavior management (non-pharmacology)
11	Revision
12	Simulation-based laboratory sessions
Total	45

.. Assessment Tools

#	Assessment task	Percentage of Total Assessment Score
1	Written Exam (Midterm)	20%
2	Quizzes	10%
3	Practical student work	30%
4	Final Practical exam	10%
5	Final exam	30%
	Total	100%

F. Learning Resources

Essential References	Handbook of pediatric dentistry by: Angus C Cameron and Richard P Widmer, 4th edition 2013
Supportive References	Dentistry for the child and adolescent by: McDonald, R.E. And Avery, D.R. 10th Edition, 2015; Mosby Co, Inc
Electronic Materials	None
Other Learning Materials	None