

## Course Specification Student Version

<b>Course Title:</b>	Pre-Clinical Removable Prosthodontics- 2
<b>Course Code:</b>	SDC 412
<b>Department:</b>	Dentistry
<b>Program:</b>	Bachelor of Dentistry
<b>College:</b>	Vision College in Riyadh
<b>Institution:</b>	Vision College in Riyadh
<b>Revised:</b>	July 2025

## A. Course Identification

1. Credit hours: 1(1+1+0)
2. Level/year at which this course is offered: Level 8 / year 4
3. Pre-requisites for this course (if any): SDC 411
4. Co-requisites for this course (if any): None

## B. Teaching Methods

1	Lecture
2	Laboratory Practical session

## C. Course Description and objectives

<p><b>1. Course Description</b> This course consists of didactic and practical components. The didactic component is introductory to removable partial denture prosthodontics in the form of lectures. The practical components covering some of the basic technical aspects in removable partial dentures construction.</p>
<p><b>2. Course Main Objective</b> The main objective of this course is to provide the student with basic knowledge and technical skills related to construction and designing of removable partial dentures.</p>
<p><b>3. Course Objectives</b> <b>By the end of this course, students should be able to:</b></p> <ul style="list-style-type: none"> <li>Identify the indications and contraindications of RPD and different classifications of RPD cases.</li> <li>Describe different laboratory steps and instruments used for RPD construction.</li> <li>Discuss the indications and contra-indications of different components of RPD with their advantages and disadvantages.</li> <li>Recognize the basics of RPD designing.</li> <li>Perform basic laboratory procedures related to the construction of RPD.</li> <li>Identify and manipulate different instruments, equipment and materials used in RPD construction.</li> <li>Demonstrate ethics and professionalism in dental practice.</li> </ul>

## D. Course Content

No.	List of Topics
1	General introduction to the course
2	Introduction to Removable Partial Prosthodontics
3	Dental Surveyors and Surveying
4	Components of Removable Partial Dentures -Major & Minor Connectors
5	Components of Removable Partial Dentures -Rests and rest seats
6	Components of Removable Partial Dentures - Direct Retainers
7	Components of Removable Partial Dentures - Indirect retainers
8	Denture bases and artificial teeth

9	Biomechanics in RPD
10	Principles of Design of RPD
11	Laboratory procedures for construction of RPDs
12	The Acrylic Removable Partial Denture

#### E. Assessment tools

#	Assessment task	Percentage of Total Assessment Score
1	Weekly practical requirements	20%
2	Quizzes	10%
3	Midterm Exam	20%
4	Final Practical and oral Exam	20%
5	Final Written Exam	30%
	<b>Total</b>	<b>100%</b>

#### F. Learning Resources

<b>Required Textbooks</b>	McCracken's Removable Partial Prosthodontics 12th edition, Mosby Co. 2011. Nassani M Z, Atef R. Manual of Preclinical Removable Prosthodontics 1. Publication of Al-Farabi College for Dentistry and Nursing.
<b>Essential Reference Material</b>	Journal of Prosthetic Dentistry. International Journal of Prosthodontics. European Journal of Prosthodontics.
<b>Electronic Material</b>	Online resources on MOODLE