

**Faculty of Oral & Dental Medicine**  
**Removable Prosthodontics Technology**

**Information :**

**Course Code :** RPROS312      **Level :** Undergraduate      **Course Hours :** 3.00- Hours  
**Department :** Faculty of Oral & Dental Medicine

**Instructor Information :**

| Title              | Name                        | Office hours |
|--------------------|-----------------------------|--------------|
| Lecturer           | Ayman Sharif Mahmoud Fateen |              |
| Teaching Assistant | Randa Hassan Mohamed Adil   |              |

**Area Of Study :**

Learning the removable partial denture components and the principles of removable partial denture design and construction.  
Then to be able to carry out the steps of wax pattern fabrication of cobalt chromium metallic framework partial dentures

**Description :**

Introduction and objectives of removable partial denture, Partial denture classification, Denture base, Occlusal rests, direct retainer, indirect retainer, Mandibular and maxillary major connector, Surveyor, Laboratory procedure spruing, finishing, polishing and repair.

**Course outcomes :**

**a. Knowledge and Understanding: :**

|     |                                                     |
|-----|-----------------------------------------------------|
| 1 - | List the objective of partial denture.              |
| 2 - | Identify partially edentulous cases.                |
| 3 - | Identify forces acting on partial dentures.         |
| 4 - | List uses of dental surveyor.                       |
| 5 - | Define various components of partial dentures .     |
| 6 - | Identify different partial denture design           |
| 7 - | Describe laboratory procedure for partial dentures. |

**b. Intellectual Skills: :**

|     |                                                                          |
|-----|--------------------------------------------------------------------------|
| 1 - | Distinguish between partial denture classes.                             |
| 2 - | recognize appropriate partial denture designs.                           |
| 3 - | Describe various partial denture components                              |
| 4 - | Identify indications and contraindications of removable partial denture. |

**c. Professional and Practical Skills: :**

|     |                                                                   |
|-----|-------------------------------------------------------------------|
| 1 - | Demonstrate dental cast surveying                                 |
| 2 - | Perform wax pattern steps required to fabricate partial dentures. |

#### **d.General and Transferable Skills: :**

- |     |                                                                        |
|-----|------------------------------------------------------------------------|
| 1 - | Display appropriate professional communication skills with colleagues. |
|-----|------------------------------------------------------------------------|

#### **Course Topic And Contents :**

| Topic                                                          | No. of hours | Lecture | Tutorial / Practical |
|----------------------------------------------------------------|--------------|---------|----------------------|
| Introduction and objectives of removable partial denture       | 1            | 1       |                      |
| Partial denture classification                                 | 1            | 1       |                      |
| Denture base                                                   | 1            | 1       |                      |
| Occlusal rests, direct retainer, indirect retainer             | 2            | 2       |                      |
| Mandibular and maxillary major connector                       | 2            | 2       |                      |
| Surveyor                                                       | 1            | 1       |                      |
| Laboratory procedure spruing, finishing, polishing and repair. | 1            | 1       |                      |

#### **Teaching And Learning Methodologies :**

Lectures

Laboratory training

Requirements

Demonstration

E-Learning.

PBL

#### **Course Assessment :**

| Methods of assessment | Relative weight % | Week No | Assess What |
|-----------------------|-------------------|---------|-------------|
| final Practical Exam  | 15.00             |         |             |
| final written exam    | 25.00             |         |             |
| midterms              | 25.00             |         |             |
| Oral exam             | 10.00             |         |             |
| Requirements          | 25.00             |         |             |

#### **Course Notes :**

Department handouts (uploaded on Moodle)

#### **Recommended books :**

McCracken's Removable Partial Prosthodontics 13th Edition, Alan Carr David Brown, 3rd November 2015, Elsevier)