

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

**Information :**

**Course Code :** RPROS311      **Level :** Undergraduate      **Course Hours :** 3.00- Hours

**Department :** Faculty of Oral & Dental Medicine

**Instructor Information :**

Title	Name	Office hours
Professor	Hesham Ibrahim Mostafa Alam ElDeen	
Professor	Hussein Gamil Metwaly Elsharkawy	
Assistant Lecturer	Mahmoud Saleh Mahmoud Mohamed Fayed	
Teaching Assistant	Mayar Mohamed Mohamed Abdelhalim Mohamed Khalifa	

**Area Of Study :**

"This course is designed to familiarize the students with instruments, materials and laboratory procedures and techniques used for complete denture prosthodontics.

"The student will study the complete denture components and principles of complete denture design and construction.

"The laboratory and clinical procedures will be taught and their interdependence stressed.

**Description :**

Steps of complete denture construction, anatomy and physiology, Impression trays and techniques, Relief and posterior palatal seal, Retention and stability, Occlusion blocks, TMJ and mandibular movements, Jaw relation record, Face bow, Articulators, Selection of artificial teeth and arrangement, Waxing up and processing..

**Course outcomes :**

**a. Knowledge and Understanding: :**

1 -	List various types of artificial teeth.
2 -	List types of face bows and articulators
3 -	Define relief and posterior palatal seal.
4 -	Define retention and stability.
5 -	Identify various types of impression techniques and trays.
6 -	Explain various mandibular movements and jaw relations and occlusion blocks.
7 -	Define different steps for complete denture construction
8 -	Describe the anatomy and physiology of the oral cavity

**b. Intellectual Skills: :**

1 -	Make decisions regarding common technical discrepancies and faults using appropriate problem solving skills.
2 -	Assess the typical problems that can occur during complete denture construction.

3 -	Interpret normal and abnormal edentulous anatomy and its relationship to complete denture fabrication
<b>c. Professional and Practical Skills: :</b>	
1 -	Perform the laboratory steps required to fabricate a complete denture.
2 -	Use various instrument used in fabrication of complete dentures.
3 -	Manipulate the dental materials necessary to fabricate a complete denture
<b>d. General and Transferable Skills: :</b>	
1 -	Uses the information technology to improve the education through self . Directed learning and research work activities
2 -	Self evaluates the professional abilities, performance and progress.

<b>Course Topic And Contents :</b>			
Topic	No. of hours	Lecture	Tutorial / Practical
Steps of complete denture construction, anatomy and physiology	1	1	
Impression trays and techniques	1	1	
Relief and posterior palatal seal	1	1	
Retention and stability	1	1	
Occlusion blocks	1	1	
TMJ and mandibular movements	1	1	
Jaw relation record	1	1	
Face bow, Articulators	1	1	
Selection of artificial teeth and arrangement	1	1	
Waxing up and processing.	1	1	

<b>Teaching And Learning Methodologies :</b>
Lectures
Laboratory training
Requirements

<b>Course Assessment :</b>			
Methods of assessment	Relative weight %	Week No	Assess What
final Practical examination	15.00		
final written	25.00		
midterm	25.00		
Oral examination	10.00		
Requirements	25.00		

<b>Course Notes :</b>

course notes  
department notes  
powerpoint presentations

**Recommended books :**

Prosthetic Treatment For Edentulous Patients: Complete Dentures And Implant-Supported Protheses By George A. Zarb, John Hobkirk, Steven Eckert, Rhonda Jacob