

## Faculty of Oral & Dental Medicine

### Clinical Fixed Prosthodontics

#### Information :

**Course Code :** FPROS 414      **Level :** Undergraduate      **Course Hours :** 2.00- Hours

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

#### Area Of Study :

- To familiarize the student with the different types of connectors (rigid, semi-rigid, non-rigid).
- To understand the basics of selection of an appropriate fixed partial denture design.
- To familiarize the students with the basics of colour science and shade selection process and checking and verification.
- To enhance the student's knowledge about metal ceramic restorations

#### Description :

Fixed Prosthodontics Design  
Connectors  
Precision Attachment  
Color Science & Shade Selection  
Metal ceramic restorations  
Checking & Verification

#### Course outcomes :

##### a. Knowledge and Understanding: :

1 -	Classify different types of connectors.
2 -	- Explain all the steps concerning construction of metal ceramic restorations.
3 -	- Recognize different bridge components.
4 -	Employ the different types of precision attachments.
5 -	Discuss the details of basics of color science.
6 -	Discuss the details of the process of checking and verification

##### b. Intellectual Skills: :

1 -	Select proper bridge design.
2 -	Select properly the different bridge component.
3 -	detect different causes of failure of metal- ceramic restorations.

##### c. Professional and Practical Skills: :

1 -	Select the proper bridge design of fixed Partial denture.
2 -	Perform preparation for metal ceramic restoration.
3 -	Perform proper color selection process.
4 -	Perform properly all the steps of checking and verification .

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

1 -	Communicate effectively both orally and in written format.
2 -	Mange time and workload properly.

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Fixed Prosthodontics Design			
Connectors			
Precision Attachment			
Color Science & Shade Selection			
Metal ceramic restorations			
Checking & Verification			

**Teaching And Learning Methodologies :**

Lectures
Clinical sessions.
Demonstrations.
Assignments

**Course Notes :**

6-2. Essential books (Text Books)  
Text books: Rosenstiel Contemporary fixed Prosthodontics. 5th edition.