

## Faculty of Oral & Dental Medicine

### Clinical Crowns & Bridges

#### Information :

**Course Code :** PROS 424

**Level :** Undergraduate

**Course Hours :** 2.00- Hours

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

#### Instructor Information :

Title	Name	Office hours
Associate Professor	MOSTAFA ELSAYED MOHAMED ABOUSHAHBA	
Lecturer	Heba Ahmed Hassan Elkhayat	
Assistant Lecturer	Yasmin Bassel Sayed Yehia Khulief	

#### Area Of Study :

"To educate the students about the basics of diagnosis and treatment planning.  
 "To familiarize the student with component parts of fixed partial denture.  
 "To understand the basics of selection of an appropriate fixed partial denture design .  
 "To enable the students to recognize and practice the different clinical steps from tooth preparation to final cementation of restorations.  
 "To enable students to be acquainted with the common infections and to practice principles of sterilization and infection control .

#### Description :

fixed prosthodontics design, connectors ,precision attachment ,color science & shade selection ,metal ceramic restoration and occlusion.

#### Course outcomes :

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

1 -	Identify the different restoration designs..
2 -	Explain all the steps concerning tooth preparation & construction of metal ceramic restorations .
3 -	Recognize the different types of connectors .
4 -	Employ the different types of precision attachment .
5 -	Discuss the details of basics of color science .
6 -	Discuss the details of basics of occlusion .

##### **b.Intellectual Skills: :**

1 -	Identify the appropriate infection control and sterilization methods
2 -	Interpret the data obtained by the different bridge design selection.
3 -	Apply the most comfortable patient-Dentist chair position
4 -	Apply the different clinical steps involved in tooth preparation to receive metal ceramic restoration

### c. Professional and Practical Skills: :

1 -	Select the proper bridge design ..
2 -	Perform preparation for metal ceramic restoration
3 -	Examine properly the designs of dental connectors and precesion attachment .
4 -	Perform proper color selection process .

### d. General and Transferable Skills: :

1 -	- Patient . <del>A</del> Doctor Relationship : <del>A</del> Demonstrate respect to all patients irrespective to their socioeconomic levels , cultures or religious beliefs <del>A</del> Provide appropriate basic patient education
2 -	- Health . <del>A</del> Safety . <del>A</del> Infection control : <del>A</del> Amplement infection control policies .
3 -	- Life . <del>A</del> Long Learning : <del>A</del> Recognize of the value and role of life long learning self assessment , and critical thinking in maintaining competency . <del>A</del> Evaluate personal progress and be able to assess ones weakness and strengths .
4 -	- Ethical behavior and professionalism : <del>A</del> Have an awareness of moral and ethical responsibilities involved in the provision of care to individual patients and community .
5 -	- Have integrity , honesty and trustworthiness . <del>A</del> Meet patient's needs and expectations <del>A</del> Treat the patient as a person not as a disease <del>A</del> Maintain a professional image in manner , dress , speech , and interpersonal relationship that is consistent with the health care international standards .
6 -	- Skills Related to Social and Community Context of Health Care : <del>A</del> Recognize the Egyptian healthcare system and the community based resources and services available and to be able to utilize them to provide high quality care to the patient and to the community. <del>A</del> Understand epidemiological techniques used to determine social , behavioral , environmental , and economic influences on oral and dental health . <del>A</del> Share activity in health promotion and disease prevention programs that benefit the community

### Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Fixed Prosthodontics Design		Occlusion of teeth	
Connectors		Occlusion of teeth	
Precision Attachment		Fixed partial denture design	
Color Science & Shade Selection		Fixed partial denture design	
Metal ceramic restorations		Fixed partial denture design	
Occlusion		Connector s in fixed prosthodon tics	

### Teaching And Learning Methodologies :

Lectures
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Lectures with discussion

Panel of experts

Brain storming

Videotapes

Class discussion

Small Group discussion

Case studies

Role playing

Report . Back session

Worksheets / surveys

Index card exercise

Guest speaker

Values clarification exercise

Demonstrations

#### **Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
1st Mid Term Examinations	15.00		assess knowledge and understanding
2nd Mid Term Examinations	15.00		assess knowledge and understanding
Final Written Examination	25.00		
Oral Examination	10.00		
Practical Examination	15.00		assess clinical skills , intellectual and general skills

#### **Course Notes :**

Available for students to purchase from the department

#### **Recommended books :**

Rosenthal . Schillingburg . Johnson . Ylman