

## Faculty of Oral & Dental Medicine

### Crowns & Bridges Technology

#### Information :

**Course Code :** PROS 321

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

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

#### Instructor Information :

Title	Name	Office hours
Professor	Ahmed Khaled Mohamed Abu Al Fadi Ibrahim	
Associate Professor	Mennatallah Mohieeldin Wahba Alyeldin Mohamed	
Lecturer	Yasmine Mohamed Ashraf Elmaltawy	
Assistant Lecturer	Yasmin Bassel Sayed Yehia Khulief	
Teaching Assistant	Nada Essam Mohamed Latef	
Teaching Assistant	Asmaa Ahmed Ibrahim Mohamed Montaser	
Teaching Assistant	Rim Wael Mostafa Fouad Elbalkimy	

#### Area Of Study :

"To educate the students about the basics of different principles of tooth preparation.  
 "To enable the students to recognize and use the different cutting instruments..  
 "To enable the students to understand the different technical laboratory steps of full metal and jacket crown preparation

#### Description :

Basic knowledge about the terminology and classification, instruments, types of finish lines, principles of tooth reduction, full metal crown preparation and casting procedures

#### Course outcomes :

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

1 -	Define the different principles of tooth preparation
2 -	Recognize the different cutting instruments
3 -	Identify the different technical laboratory steps of tooth preparation of full metal and Jacket crown and various types of restorations

##### b. Intellectual Skills: :

1 -	Recognize the health and safety regulations within the laboratory
2 -	Maintain a professional image in a manner, dress, speech, and

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

1 -	Apply the principles of tooth preparation
2 -	Use Properly the appropriate instrument

3 -	Perform satisfactorily the different technical steps of full metal and all ceramic ( Jacket ) crowns preparation
<b>d.General and Transferable Skills: :</b>	
1 -	Health safety-infection control implement infection control policies
2 -	Recognition of the value and role of life long learning, self assessment, and critical thinking in maintaining competency.
3 -	Evaluate personal progress and be able to assess ones weakness and strengths.
4 -	Ethical behavior and professionalism
5 -	Have integrity,honesty and trustworthiness
6 -	Treat the Patient as a person not as a disease
7 -	Maintain a professional image in manner, dress, speech, and interpersonal
8 -	Skills related to social and community context of health care :
9 -	Understand epidemiological techniques used to determine social, behavioral,

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

<b>Topic</b>	<b>No. of hours</b>	<b>Lecture</b>	<b>Tutorial / Practical</b>
Terminology and Classification	5	Terminology and Classification	Terminology and Classification
Terminology and Classification	5	Terminology and Classification	Terminology and Classification
Instruments	5	Instruments	Instruments
Full metal crown	5	Full metal crown	Full metal crown
Full metal crown	5	Full metal crown	Full metal crown
Principles of tooth preparation	5	Principles of tooth preparation	Principles of tooth preparation
Principles of tooth preparation	5	Principles of tooth preparation	Principles of tooth preparation
Principles of tooth preparation	5	Principles of tooth preparation	Principles of tooth preparation
Principles of tooth preparation	5	Principles of tooth preparation	Principles of tooth preparation
Jacket crown	5	Jacket crown	Jacket crown+2nd Midterm

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

<b>Topic</b>	<b>No. of hours</b>	<b>Lecture</b>	<b>Tutorial / Practical</b>
Jacket crown	5	Jacket crown	Jacket crown
Revision	5	Revision	Revision
Revision	5	Revision	Revision

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

Lectures

Clinical sessions

Demonstration

Small group discussion

Practical (Laboratory) Training and Requirements

E-Learning

PBL

### **Course Assessment :**

<b>Methods of assessment</b>	<b>Relative weight %</b>	<b>Week No</b>	<b>Assess What</b>
1st Mid Term Exam	15.00		assess knowledge and understanding
2nd Mid Term Exam	15.00		assess knowledge and understanding
Final Practical Examination	15.00		clinical skills , intellectual and general
Final Written Examination	25.00		knowledge and understanding.
Oral Examination	10.00		
Practical Work	20.00		assess clinical skills , intellectual and general skills