

## Faculty of Oral & Dental Medicine

### Restorative Dentistry Technology

#### Information :

**Course Code :** CONS 311

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

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

#### Instructor Information :

Title	Name	Office hours
Professor	Essam Eldin Abdelhafez Ahmed Nageib	2
Professor	AHMED ZOHEIR HASSAN ELHOSHY	
Professor	AHMED ZOHEIR HASSAN ELHOSHY	
Associate Professor	Sara Mohamed Hany Ali Younis	13
Associate Professor	Sara Mohamed Hany Ali Younis	13
Associate Professor	Rasha Hassan Aly Afifi	
Lecturer	AHMED MOHAMED FOUAD KHALED	
Lecturer	Ahmed Ramadan Hassan Mahmoud Elmanakhly	
Lecturer	Yomna Sayed Khallaf Makhlof	
Lecturer	Mohamed Refat Ibrahim El bialy	
Lecturer	OMAR NADER GALAL EZAT AMER	
Lecturer	SHERIF MOHAMED MOHAMED ABDELMONEIM KHADR	
Assistant Lecturer	OMNIA MOHAMED SAMY MOSTAFA MOSTAFA GAROUDA	
Assistant Lecturer	Hadeel Hamza Mohamed Mohamed Al Salamony	
Assistant Lecturer	NOURHAN MOUSTAFA REDA MOUSTAFA	
Assistant Lecturer	Laila Akmal Emad Eldien Zaghloul El okaly	
Assistant Lecturer	Amr Mohamed Marzouk Nadiem Abouelenien	
Teaching Assistant	Rowayda Anwar Hosny Ibrahim El tarawy	
Teaching Assistant	Ahmed Diaa Eldin Abou Elseoud Ibrahim	
Teaching Assistant	Akram Gamal Mousa Ali Diab	
Teaching Assistant	Mayar Mohamed Mohamed Abdelhalim Mohamed Khalifa	
Teaching Assistant	Rawan Ayman Ahmed Mohamed Solaiman	
Teaching Assistant	Akram Gamal Mousa Ali Diab	
Teaching Assistant	Rowayda Anwar Hosny Ibrahim El tarawy	

#### Area Of Study :

- To educate the students about the basics of fundamental principles of cavity preparation.
- To teach the students the classification and types of lesions affecting the tooth structure.
- To enable the students to recognize and use the different cutting instruments.

### **Description :**

Introduction to operative dentistry, instruments classification, principles of cavity preparation, teeth form and occlusion, carious and non carious lesions and bases and liners.  
practical cavity preparation of class I with extensions, and restoring with amalgam and using bases and liners.

### **Course outcomes :**

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

- |     |  |
|-----|--|
| 1 - | Define the different principles of cavity preparation                |
| 2 - | Recognize the different cutting instruments                          |
| 3 - | Identify the different manipulation of 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 general principles of cavity preparation for different classes       |
| 2 - | Use Properly the appropriate instrument  |
| 3 - | Perform satisfactorily the different technical steps for restorative material. |

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

- |     |   |
|-----|---|
| 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 - | Have an awareness of moral and ethical responsibilities involved in the   |
| 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 - | 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 community |
| 9 - | Understand epidemiological techniques used to determine social, behavioral,   |

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

Topic	No. of hours	Lecture	Tutorial / Practical
Introduction to operative dentistry	5		
Scope & objectives	5		
Caries diagnosis & classification	5		
Cavity classification & nomenclature	5		
General principles of cavity preparation	5		

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

<b>Topic</b>	<b>No. of hours</b>	<b>Lecture</b>	<b>Tutorial / Practical</b>
General principles of cavity preparation.	5		
General principles of cavity preparation	5		
General principles of cavity preparation	5		
Instruments	5		
Instruments	5		
Instruments	5		
Instruments	5		

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

Lectures  
Laboratory sessions

### **Course Assessment :**

<b>Methods of assessment</b>	<b>Relative weight %</b>	<b>Week No</b>	<b>Assess What</b>
Final Practical Examination	15.00		
Final Written Examination	25.00		
Mid Term Examinations	30.00		assess knowledge and understanding.
Mid Term Practical Examination	20.00		assess knowledge and understanding.
Oral Examination	10.00		assess clinical skills, intellectual and general skills