

**Faculty of Oral & Dental Medicine**

**Restorative and Esthetic Dentistry Technology**

**Information :**

**Course Code :** RESTE 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	
Associate Professor	Sara Mohamed Hany Ali Younis	0
Associate Professor	Sara Mohamed Hany Ali Younis	0
Associate Professor	Rasha Hassan Aly Afifi	
Lecturer	OMAR NADER GALAL EZAT AMER	
Lecturer	SHERIF MOHAMED MOHAMED ABDELMONEIM KHADR	
Assistant Lecturer	Hadeel Hamza Mohamed Mohamed Al Salamony	
Assistant Lecturer	Amr Mohamed Marzouk Nadiem Abouelenien	
Assistant Lecturer	BASSMA REDA ABDELHAFIZ MOHAMED HASSAN	
Assistant Lecturer	Rowayda Anwar Hosny Ibrahim El tarawy	
Assistant Lecturer	Hadeel Hamza Mohamed Mohamed Al Salamony	
Assistant Lecturer	OMNIA MOHAMED SAMY MOSTAFA MOSTAFA GAROUDA	
Assistant Lecturer	Akram Gamal Mousa Ali Diab	
Teaching Assistant	Mahmoud Essam Mahmoud Abdelmoneim Mohamed	
Teaching Assistant	Nada Shazly Seif Eldeen Mohamed	
Teaching Assistant	Dina Mahmoud Hussein Mohamed Awad	
Teaching Assistant	Rawan Wael Mohamed Serage	
Teaching Assistant	Lara Yasser Elsayed Ibrahim Shabara	
Teaching Assistant	Rama Soliman Abdo Alsharquawi	
Teaching Assistant	Abdelrahman Salah Abdelrahman Mohamed	

**Area Of Study :**

- To educate the students about the 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., Cavity classification& nomenclature., General principles of cavity preparation., Instruments., Carious and non-carious lesion., Tooth form and Occlusion.

**Course outcomes :**

**a. Knowledge and Understanding: :**

1 -	a1- Define the different principles of cavity preparation
2 -	a2- Recognize the different cutting instruments
3 -	a3- Identify the different types of non caries lesions.
4 -	a4- Recognize how to restore the proper anatomy of the tooth and maintain the health of the soft tissue.

**b. Intellectual Skills: :**

1 -	b1-Analyze different sequence of cavity preparation and proper instrument usage.
2 -	b2-Differentiate carious and non caries lesions.
3 -	b3- Select the suitable cavity design according to carious lesion.

**c. Professional and Practical Skills: :**

1 -	c1- Apply the general principles of cavity preparation for different classes.
2 -	c2- Use Properly the appropriate instrument.
3 -	c3- Judging the practical practice (proper anatomy of the tooth, health of the soft tissue).
4 -	c4- Apply the health and safety regulations within the laboratory environment.

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

1 -	d1- Recognize the value and role of lifelong learning.
2 -	d2- Assess one's weakness and strengths.
3 -	d3- Respect ethical behavior and professionalism.
4 -	d4- Respect integrity, honesty, and trustworthiness.

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Introduction to operative dentistry.			
Cavity classification & nomenclature.			
General principles of cavity preparation.			
Instruments.			
Carious and non-carious lesion.			
Tooth form and Occlusion.			

**Teaching And Learning Methodologies :**

Lectures with discussions.
Practical demonstrations.
E- learning.
Practical requirements.

**Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
Logbook to assess practical requirements.	10.00		Oral Examination
Oral examination / sheets to assess knowledge and understanding.	15.00		Final Practical Examination
Practical examination to assess practical, intellectual, and general skills.	25.00		Class work (Practical requirement, attendance and lab test)
Written examination to assess knowledge and understanding.	25.00		Mid Term Examinations (Quiz and Mid-term)

**Course Notes :**

Course notes on the Moodle platform

**Recommended books :**

Online textbook: Contemporary Approach in Operative Dentistry Summit et al, 3rd ed., 2006