

## Faculty of Oral & Dental Medicine

### Restorative Dentistry Technology

#### Information :

**Course Code :** CONS 312

**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	4
Professor	Essam Eldin Abdelhafez Ahmed Nageib	4
Professor	AHMED ZOHEIR HASSAN ELHOSHY	2
Associate Professor	Lamiaa Mahmoud Moharram Hassan Abo Jabal	3
Associate Professor	Shaima Mohamed Nagi Mostafa ElHaggen	
Associate Professor	Lamiaa Mahmoud Moharram Hassan Abo Jabal	3
Lecturer	Rasha Hassan Aly Afifi	
Lecturer	Rasha Hassan Aly Afifi	
Lecturer	Sara Mohamed Hany Ali Younis	
Lecturer	Mai Mamdouh Mohamed Elsayed Akah	
Lecturer	AHMED MOHAMED FOUAD KHALED	2
Assistant Lecturer	Hadeel Hamza Mohamed Mohamed Al Salamony	
Assistant Lecturer	Laila Akmal Emad Eldien Zaghloul El okaly	
Assistant Lecturer	OMAR NADER GALAL EZAT AMER	
Assistant Lecturer	SHERIF MOHAMED MOHAMED ABDELMONEIM KHADR	
Assistant Lecturer	Laila Akmal Emad Eldien Zaghloul El okaly	
Assistant Lecturer	Amr Mohamed Marzouk Nadiem Abouelenien	
Assistant Lecturer	Hadeel Hamza Mohamed Mohamed Al Salamony	
Teaching Assistant	Rawan Ayman Ahmed Mohamed Solaiman	
Teaching Assistant	Rowayda Anwar Hosny El tarawy	
Teaching Assistant	Akram Gamal Mousa Ali Diab	
Teaching Assistant	BASSMA REDA ABDELHAFIZ MOHAMED HASSAN	
Teaching Assistant	NOURHAN MOUSTAFA REDA MOUSTAFA	

#### Area Of Study :

- To educate the students about the basics of proper use and manipulation of the various restorative dental materials.
- To teach the students the new approach of conservative cavity designs.
- To enable the students to master the indirect restorative techniques.

**Description :**

understanding resin composite restoration with concept of bonding to tooth structure, as well as glass ionomer, cast gold, amalgam restorations.  
Practical Cavity preparation of Class II cavity and restoring it with amalgam restoration. Preparing Class III and V cavities and restoring with composite fillings.

**Course outcomes :**

**a.Knowledge and Understanding: :**

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|-----|---|
| 1 - | To understand the different properties of the metallic and non-metallic restorative materials |
| 2 - | To recognize the indications and contraindications of the different restorative materials.    |
| 3 - | Identify the different manipulation of various types of restorations                          |

**b.Intellectual Skills: :**

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|-----|---|
| 1 - | Recognize the health and safety regulations within the laboratory environment   |
| 2 - | Maintain a professional image in a manner, dress, speech, and interpersonal relationships that is consistent with the health care international standards |

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

- |     |  |
|-----|--|
| 1 - | Apply the general principles of restoration of different classes.                          |
| 2 - | Use Properly the restorative instrument for different restorative materials                |
| 3 - | Perform satisfactorily the different technical steps for restorative material manipulation |

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

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|-----|--|
| 1 - | Health safety-infection control implement infection control policies   |
| 2 - | Life – Long Learning : 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 : 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  |
| 6 - | Treat the Patient as a person not as a disease   |
| 7 - | Maintain a professional image in manner, dress, speech, and interpersonal relationship that is consistent with the health care international standards.  |
| 8 - | Skills related to social and community context of health care : 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, Environmental, and economic influences on oral and dental health.  |

### Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Amalgam restoration	5	OB LOWER 6 cavity prep, for amalgam resto.	Demo. MO 6 cavity prep, for amalgam Resto
Resin Composites restorations	5	MO lower 5 cavity prep	MO upper 6 cavity preparation
Glass Ionomer restorations	5	Continue due	Demo. Amalgam Resto. Continue due
Indirect metallic and non-metallic restorations	5	Demo. F&P Amalgam	Continue due, R1
Tooth form and Occlusion	5	Demo. Inlay prep. MOD lower	MOD upper 5, inlay prep.
Insulating Bases and Liners	5	Continue due	Continue due

### Teaching And Learning Methodologies :

Lectures

Laboratory sessions.

### Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
1th Mid Term Exam	15.00	8	assess knowledge and understanding
2nd mid term exam	15.00	12	assess knowledge and understanding
Final Practical Examination	15.00	14	
Final Written Examination	25.00		
Mid Term Practical Examination	20.00		examination to assess clinical skills , intellectual and general skills.
Oral Examination	10.00		