

**Faculty of Oral & Dental Medicine**

**Restorative and Esthetic Dentistry Technology**

**Information :**

**Course Code :** RESTE 312

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

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

**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 :**

Amalgam restoration, Matrices Holder & Band, Resin Composites restorations, Glass Ionomer restorations, Indirect metallic and non-metallic restorations, Insulating Bases and Liners

**Course outcomes :**

**a.Knowledge and Understanding: :**

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|-----|--|
| 1 - | a1- Recognize the different properties of the metallic and non-metallic restorative materials. |
| 2 - | a2- Summarize the indications and contraindications of the different restorative materials.    |
| 3 - | a3- Discuss the different manipulations of various types of restorations                       |

**b.Intellectual Skills: :**

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|-----|---|
| 1 - | b1- Distinguish different designs of cavity preparation.                            |
| 2 - | b2-Select the proper type of restorative material for different cavity preparation. |

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

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|-----|--|
| 1 - | c1- Apply different restorative materials.                                       |
| 2 - | c2- Perform the different technical steps for restorative material manipulation. |

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

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|-----|--|
| 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
Amalgam restoration			
Matrices Holder & Band			
Resin Composites restorations			

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Glass Ionomer restorations			
Indirect metallic and non-metallic restorations			
Insulating Bases and Liners			

**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