

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Operative Dentistry IV
Course number	DENT4152
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - To introduce the students to the biological considerations in operative dentistry, caries detection and the management of grossly carious teeth
- 2 - Have in depth knowledge in the principles and detailed features of different types of cavity preparations for metallic and tooth-colored restoratives
- 3 - Know the various causes of hypersensitivity and how to manage them
- 4 - Students should know all about temporary restorative materials

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * Understand and appreciate the biological aspects of Operative Dentistry and material applications in Operative Dentistry * Integrate the knowledge and understanding of the esthetic needs and consideration with the properties and limitations of clinical dental material * Understand and relate the properties and behavior of restorative dental materials to the concepts behind cavity preparation
-----------------------------	--

Course Contents

- 1 - Biological Consideration in Operative Dentistry I
- 2 - Biological Consideration in Operative Dentistry II
- 3 - Biological Consideration in Operative Dentistry III
- 4 - Selection of Suitable Restorative Material
- 5 - Post Operative Pain I
- 6 - Post Operative Pain II
- 7 - Control of Dental Fear & Pain During Operative Procedures I
- 8 - Control of Dental Fear & Pain During Operative Procedures II
- 9 - Temporary Restorations I
- 10 - Temporary Restorations II
- 11 - Temporary Restorations III

Teaching and Learning Methods

- 1 - Lectures
- 2 - Discussion
- 3 - Assignments

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Mid- term exam	8th week	20%
Activities & attendance	during semester	20%
Final exam	16th week	60%

Books and References

Essential books	Sturdevants Art and Science of Operative Dentistry (Roberson, Sturdevants Art and Science of Operative Dentistry) by Theodore Roberson, Harold O. Heymann, and Edward J. Swift. 2006 Textbook of Operative Dentistry by Sharad Chandra and Sangita Chandra. 2008
Recommended books	Principles of Operative Dentistry by A. J. E. Qualtrough, Julian Satterthwaite, Leean Morrow, and Paul Brunton. 2005