

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Operative Dentistry I
Course number	DENT2120
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - 1. To know the importance of operative dentistry 2. To know carious & non-carious lesions 3. To know the principles of cavity preparation 4. Study the ideal requirements of base material

Course Contents

- 1 - Introduction to Operative Dentistry 2 - Objectives of Operative Dentistry 3 - Definition & Teeth Structures 4 - Tooth Form & Occlusion 5 - Carious & non Carious Lesions 6 - Cavity Classifications & Nomenclatures 7 - Instruments and Instrumentation - Hand Instruments 8 - Instruments and Instrumentation - Rotary Instruments 9 - Instruments and Instrumentation - Power Sources 10 - General principles of Cavity Preparation - Principles 11 - General principles of Cavity Preparation - Steps 12 - Cements Base and Liners - Ideal requirements 13 - Cements Base and Liners - Types

Teaching and Learning Methods

- 1 - Explanation utilising Microsoft power point including pictures Explanations by drawing pictures Interactions with the students to explain the concepts taught to develop self interest and competition among the fellow students

Books and References

Course note	Essential books Operative Dentistry – Preclinical Course - Staff Members (Cairo University) Recommended books Art and Science of Operative Dentistry 4th edition - Theodore M. Roberson Color Atlas of Conservative Dentistry - James Ralph Grundy
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