

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Operative Dentistry II Lab
Course number	DENT3145
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	0
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

- 1 - After completion of the course the students should: Design cavities , Manipulate and place light-cured composite restorative resin on artificial teeth . Know the clinical significance of contacts and contours of the teeth . Design cavities for amalgam restoration on artificial teeth . Correctly use matrices and wedges on artificial teeth . Know the rationale & application of liners and bases to protect the pulp . Perform amalgam restoration to acceptable levels on artificial teeth . Do proper finishing and polishing of amalgam restorations. on artificial teeth

Intended Learning Outcomes

Knowledge and Understanding	* Recognize the various methods of Patient education and motivation in the prevention and treatment of dental caries.2- Judiciously use liners and bases to protect the pulp.3- Recognize the various indications, advantages, techniques, and limitations of amalgam restorations
Intellectual Skills	* Students will develop good concentration on the topics which will result in good concentration, perception and nevertheless memory all of which leading to understanding recollection, reproduction of the taught concepts both theoretical and practical at any given time
Professional Skills	* Use the instruments required to perform cavity preparation.2- Able to handle engine driven rotary instrumentation in a proper and safe way.3- Properly use of amalgam and composite material-
General Skill	* The students are encouraged to have an attitude for commitment to succeed in the field, work well with the fellow students and maintain good relationship with the staff members, with responsibility towards finishing all assignments on time.

Course Contents

- 1 - Working On Fracaso Cast: Simple Class I , Compound Class I ,Class II (OM,OD,MOD) ,Class III with/without adjacent , Class IV, Class V cavity preparations & Calcium Hydroxide application
Simple Class I , Compound Class I ,Class II (OM,OD,MOD) cavity preparations & Amalgam restorations.
Matrix Band Placement . Simple Class I , Compound Class I ,Class II (OM,OD,MOD) ,Class III with/without adjacent , Class IV, Class V cavity preparation & Composite restorations.
Working On Phantom Head : Simple Class I , Compound Class I ,Class II (OM,OD,MOD) ,Class III with/without adjacent , Class IV, Class V cavity preparations & Calcium Hydroxide application
Simple Class I , Compound Class I ,Class II (OM,OD,MOD) cavity preparations & Amalgam restorations. Matrix Band Placement . Simple Class I , Compound Class I ,Class II (OM,OD,MOD) ,Class III with/without adjacent , Class IV, Class V cavity preparation & Composite restorations.

Teaching and Learning Methods

- 1 - .Explanation utilising Microsoft power point. Explanatory drawing to clarify some parts guiding students following up the work at regular time intervals. Practical demonstrations of what have been taught theoretically. Practical requirements are set at a definite number

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Final examination	last week	30%
Requirements	during semester	30%
First Quiz	6th week	15%
Second Quiz	12th week	15%
Attendance, Behaviour	during semester	10%

Books and References

Essential books	1. Fundamentals of Operative Dentistry: A Contemporary Approach by James B. Summitt, J. William Robbins, Thomas J. Hilton, and Richard S. Schwartz. 2006. 2. 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. 3. Textbook of Operative Dentistry by Sharad Chandra and Sangita Chandra. 2008
Recommended books	4. Principles of Operative Dentistry by A. J. E. Qualtrough, Julian Satterthwaite, Leean Morrow, and Paul Brunton. 2005. 5. Pickards Manual of Operative Dentistry (Oxford Medical Publications) by Edwina A. M. Kidd, Bernard G. N. Smith, and Timothy F. Watson. 2003