



Course Specifications

Institution:	College of Dentistry
Academic Department :	Department of Restorative Dentistry
Programme :	Bachelor of Dental Surgery
Course :	Clinical Operative Dentistry II
Course Coordinator :	Dr. Ghassan Zyoud
Programme Coordinator :	Dr Abdulrahman Alatram
Course Specification Approved Date :	21/ 12 / 1435 H



A. Course Identification and General Information

1 - Course title :	Clinical Operative II Dentistry	Course Code:	413 RDS
2. Credit hours :	3		
3 - Program(s) in which the course is offered:	...Dentistry.....		
4 – Course Language :	..English.....		
5 - Name of faculty member responsible for the course:	Dr. Ghassan Zyoud		
6 - Level/year at which this course is offered :	Fourth Year		
7 - Pre-requisites for this course (if any) :	<ul style="list-style-type: none"> • 313 RD 		
8 - Co-requisites for this course (if any) :	<ul style="list-style-type: none"> • None 		
9 - Location if not on main campus :	(College of Dentistry- Az Zulfi)		
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	...40.... %
B - Blended (traditional and online)	<input type="checkbox"/>	What percentage? %
D - e-learning	<input type="checkbox"/>	What percentage? %
E – Correspondence	<input type="checkbox"/>	What percentage? %
F - Other	<input checked="" type="checkbox"/>	What percentage?	...60.... %
Comments :	.....Clinical Practice in Dental Clinics		

B Objectives

<p>What is the main purpose for this course?</p> <p>The students to be familiar to make diagnosis for advance operative dentistry cases and to make treatment plan .and to demonstrate proper manipulation , placement and finishing of newly introduced restorative materials</p> <p>Briefly describe any plans for developing and improving the course that are being implemented :</p> <ul style="list-style-type: none"> • Assessment form will be distributed to students by the end of each course • A departmental meeting will discuss each course with the course coordinator • The report from QA committee will be discussed in a departmental meeting to identify the strength and weaknesses related to any particular course
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C. Course Description

C.1. Topics to be covered in 1st semester

List of Topics	No. of Weeks	Contact Hours
Introduction	1	4
Adhesive to tooth structure	1	4
Restorative materials	2	8
Direct Anterior and Posterior Composite Restoration	1	4
Restoration of Cervical lesion	1	4
Restoration of Badly Broken down teeth	1	4
Restoration of endodontically treated teeth	1	4
Cast gold Restorations	2	8
Tooth colored Inlays and Onlays	2	8
Esthetic Dentistry	2	8

C.2. Topics to be covered in 2nd semester

List of Topics	Contact Hours
Clinical practice	42

C.3. Course components (total contact hours and credits per semester):

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	.....1.....	.....		.....3.....	.....	....4.....
Credit	.....	.....		.....3.....	.....	....3.....





C.4. Additional private study/learning hours expected for students per week.

4Hrs

C.5. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	Knowledge		
	<p>By the end of this course, students are expected to:</p> <ol style="list-style-type: none"> 1. Diagnose advanced operative dentistry cases and develop appropriate treatment plan accordingly 2. Make clinical judgment towards restorability of fractured and broken down teeth 3. Select and perform appropriate preventive and restorative treatment options based on clinical and radiographic findings 4. Select and perform indirect restorative treatment options such as Inlay / Onlays and cast gold restorations when indicated 5. Demonstrate proper manipulation , placement and finishing of newly introduced restorative materials 6. Recognize new advancements in the field of operative dentistry and be able to evaluate their potential for clinical use . 	<p>-Lectures</p> <p>-Tutorials</p> <p>Clinical & practical sessions</p> <p>-Oral presentation</p> <p>- Take home assignments</p>	<p>-For didactic part, examinations, quizzes, and takes home assignments.</p> <p>- For clinical part, every step will be evaluated using student evaluation form</p>
2.0	Cognitive Skills		
2.1	Ability to think critically and analytically	1. Take home: Students will be given a problem that needs to be solved	- Written exams . - problem solving questions - group & individual assignments grades .
2.2	- Critical thinking (student illustrate critical thinking)	2. Comprehensive case will be presented to students and they will be	- Take home: projects need to be presented and will be evaluated accordingly.
2.3	- Problem solving (student discuss problem solving)	asked to formulate a	- Clinical cases related question



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
		treatment plan.	will be discussed in the format of group discussion.
2.4	- Judgment call (student report judgment call)	3. As well as lectures, clinics, case presentation & group research.	
3.0 Interpersonal Skills & Responsibility			
	At the end of the course the student should have developed the ability to :	1- Students will be trained on simulating situations (role playing)	-Peer evaluation of take home projects & treatment plan presentation and
3.1	- Respond to professional criticizing	2- Students will be assigned to a particular patient and will be held responsible	questionnaire , problem solving , & discussion need to be presented and/or discussed.
3.2	- Organize group work	(case studies )	.....
3.3	- Present a case	3- Students are required to make an oral presentations of their cases	.....
3.4	- Manage a project	(presentations )	.....
3.5	- How to communicate with patients, instructors, and clinical staff.	4- Audio-visual way of training will be implemented to expose students to different patient-health care professional situations (small group discussion)	.....
3.6	- How to deliver information to patients in a professional way.	Teach students how to deal with different patients' personalities and attitudes.	Give assignments to students
4.0	Communication, Information Technology, Numerical		



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
4.1	By the end of the course the student have developed the skill to :	- Hands on training on different software like Microsoft office and specialized	Peer and supervisor evaluation of take home projects & treatment plan
	- Design a professional presentations - Plot correct diagram - Review updated articles - How to use clinical software - How to search and use the internet to cope with the course demand	clinical programs - project , assignments , review articles	presentation and discussion need to be presented and/or discussed
5.0	Psychomotor		
5.1	Students should learn how to control his emotions as well as handle such circumstances under different stressful situations.	Audio visual demonstration of different clinical situations (Videos)	- Oral presentation
		- Practical assignments where a specific time limit is given to the student	Practical examinations
5.2	- Student should be able to perform proper treatment under stressful circumstances	(clinic)	Check points (step-by-step) evaluation to ensure that student has
		- Assignments where student should perform a practical demonstration in front of	mastered each procedure before proceeding to next one under
5.3	- Student should be properly coordinate between manual dexterity and knowledge about proper teeth diagnosis and / or procedures.	his colleagues (clinical demonstration)	
		- Extensive clinical training on different types of restorative	.....





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
		procedures	

C.6. Schedule of Assessment Tasks for Students during the Semester:

	Assessment task	Week Due	Proportion of Total Assessment
1	5 points on behavior and attitude		5%
2	5 points Quizzes ,research ,presentation and home work		5%
3	30 points practical assessment		30%
4	15 points Midterm written exam		15%
5	5 points Midterm practical exam		5%
6	10 points final practical exam		10%
6	30 Points . Final written exam		30%
Total	100		100%

D. Student Academic Counseling and Support

Each group of students is assigned to a particular faculty where he will provide academic counselling during specific academic hours (2 hours / week)

E. Learning Resources

1. List Required Textbooks :

- Sturdevant, s Art and Science of Operative Dentistry , Harald o.Heymann, Edward J. Swift jr and Andre V. Ritter . Slsevier . 2012

2. List Essential References Materials :

- Fundamentals of operative Dentistry; A contemporary Approach , James B. Summitt, J William , Robbins , Thomas J . Hilton , Richard S. .2006

3. List Recommended Textbooks and Reference Material :....





Pickard, s Manual of operative Dentistry . Avijit Banerjee, Timothy F . Watson . Oxford 2011

4. List Electronic Materials :

- **Recommended selected articles will be posted in the course webpage.**
- **www.pubmed.com**
- **Google**
- **www.sciencedirect.com**

5. Other learning material :

- **Library**
- **Computers**
- **Projects**
- **Diagnostic instruments**

F. Facilities Required

1. Accommodation

- **(Lecture rooms, dental clinics, laboratories, etc.): Available**

2. Computing resources

- **Library**
- **Computer Labs**

3. Other resources

- **Dental Clinics and dental lab**

G Course Evaluation and Improvement Processes

1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:

- **By evaluation of students during semester, for quality of presentation & faculty resources and accommodations.**

2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor :

- **Evaluation form in clinic**
- **Evaluation by continuous assessments**
- **Collection of ppt & exams at the end of semester**

3 Processes for Improvement of Teaching :

- **Questionnaires for students to evaluate semester & course**





directors & contributors

- **Attending workshops and conferences**

4. Processes for Verifying Standards of Student Achievement

- **Comparing ppt with exam.**
- **Random rechecking of exams**
- **By comparing the results matching with another college using the same standers parameters by different examiner.**

5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :

- **Evaluation of feedback (results, follow-up & futures plans) according to:**
 - **Ideal standers.**
 - **Peer-review**
 - **Questionnaires done by students**
 - **Follow up international college syllabus.**
 - **Development teaching plane according to international standers**
 - **Planned review**
 - **Committee for the exam & ppt.**

Course Specification Approved

Department Official Meeting No (.....) Date ... / / H

Course's Coordinator

Name : Dr. Ghassan Zyoud

Signature :

Date : 22/ 12 /1435 H

Department Head

Name : Dr. Musa Abu Fadalah

Signature :

Date : .../ ... / H

