



Course Specifications

Institution:	College of Dentistry
Academic Department :	Department of Restorative Dentistry
Programme :	Bachelor of Dental Surgery
Course :	Esthetic Dentistry
Course Coordinator :	Dr. Toby Thomas
Programme Coordinator :	Dr. Mousa Abu Fadal



Course Specification Approved Date : .../ ... / H

A. Course Identification and General Information

1. 1 - Course title :	Esthetic Dentistry	Course Code: 512 RDS
2. Credit hours :	2	
3 - Program(s) in which the course is offered:	Dentistry	
	English	
2. 5 - Name of faculty member responsible for the course:	Dr. Toby Thomas	
3. 6 - Level/year at which this course is offered :	Fifth Year	
7 - Pre-requisites for this course (if any) :	413RDS	
8 - Co-requisites for this course (if any) :	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

What is the main purpose for this course?

The students should be able to diagnose aesthetic cases and derive an appropriate treatment plan and to demonstrate proper skills in placement and finishing of the restoration so as to be in par with global standards in aesthetic treatment of patients and set a standard in aesthetic dentistry.

Briefly describe any plans for developing and improving the course that are being implemented :

- 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

C. Course Description

C.1. Topics to be covered in 2nd semester

List of Topics	No. of Weeks	Contact Hours
Introduction	1	1
Concepts and Fundamentals of Esthetics	3	3
Color and Polychromatic Stratification	3	3
Treatment of Discoloured teeth	2	2
Direct and indirect aesthetic restorations	3	3
Periodontal Considerations in esthetics	1	1
Adjunctive Orthodontics related to esthetics	1	1
Surgical esthetic techniques	1	1





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

List of Topics	Contact Hours
Clinical practice	45

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

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	1	.....	.....	3	.....	....4.....
Credit	1	.....	.....	1	.....	....2.....

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 esthetic dentistry cases and develop appropriate treatment plan accordingly 2. Make clinical judgment towards restorability of teeth that requires esthetic restoration, and to restore them to a biologically and mechanically acceptable level. 4. To properly select and use esthetic restorative materials. 3. Select and perform appropriate preventive and restorative treatment options based on clinical and radiographic findings 4. Select and perform indirect esthetic restorative treatment options such as Inlay / Onlays restorations, veneers when indicated 5. Demonstrate proper manipulation , placement and finishing of newly introduced restorative materials 6. Recognize new advancements in the field of aesthetic dentistry and be able to evaluate their potential for clinical use . 	<ul style="list-style-type: none"> -Lectures -Tutorials Clinical & practical sessions -Oral presentation -Take home assignments 	<ul style="list-style-type: none"> -For didactic part, examinations, quizzes, and takes home assignments. - For clinical part, every step will be evaluated using student evaluation form
2.0	Cognitive Skills		



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
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 treatment plan.	- Clinical cases related question 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



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



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

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

	Assessment task	Week Due	Proportion of Total Assessment
1	Behavior and attitude	During the semester	5%
2	Quizzes, presentation	During the semester	5%
3	Practical assessment	During the semester	35%
4	Midterm written exam	Week 9	15%
5	Final practical exam	End of the semester	10%
6	Final written exam	End of the Semester	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 :

- Contemporary Esthetic Dentistry : George A. Freedman , ELSEVIER ...2012
- Sturdvents Art and Science of operative dentistry 5th edition.

2. List Essential References Materials :

- Esthetics In Dentistry Second Edition - Ronald E.Goldstein – 2nd Edition.

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

- The 21 Principles of Smile Design - *Lee Ostler*
- Smile Design-Nicholas C. Davis, DDS, MAGD Dent Clin N Am 51 (2007) 299–318

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 standard 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. Toby Thomas

Signature :

Date : / / H

Department Head

Name : Dr. Mousa Abu Fadalah

Signature :

Date : ... / ... / H

