



Course Specifications

Institution:	COLLEGE OF DENTISTRY, AL-ZULFI
Academic Department :	PROSTHODONTICS - SDS 423
Programme :	BACHELOR OF DENTAL SURGERY (BDS)
Course :	CLINICAL FIXED PROSTHODONTICS
Course Coordinator :	DR. PRAVEEN SRIKANTACHARY
Programme Coordinator :	.....
Course Specification Approved Date :	.... / ... / ..... H



A. Course Identification and General Information

1 - Course title :	CLINICAL FIXED PROSTHODONTICS	Course Code:	423
2. Credit hours :	(.....)		
3 - Program(s) in which the course is offered:	.....	
4 – Course Language :	ENGLISH		
5 - Name of faculty member responsible for the course:	DR. PRAVEEN SRIKANTACHARY		
6 - Level/year at which this course is offered :	IV YEAR I & II SEMESTER		
7 - Pre-requisites for this course (if any) :	SDS 323		
8 - Co-requisites for this course (if any) :	None		
9 - Location if not on main campus :			
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	100%
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 type="checkbox"/>	What percentage? %
Comments :			
Lectures are uploaded online and practicals are conducted in the lab.			

B Objectives

What is the main purpose for this course?
<ol style="list-style-type: none">1. Providing the students with the optional knowledge and skills for a successful introduction to clinical FP.2. Developing the student's clinical and technical psychomotor skills to a defined level prior to actual patient care.3. Reinforcing the mutual interdependence of high quality clinical and technical activities for the attainment of the precise and predictable clinical outcomes.4. Developing the student's knowledge base, both didactically and clinically, with a view to refining the student's approach to patient care.5. Awareness of the cost benefit equation in FP therapy and the patient's right to make and informed choice.





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

The course will be taken with the help of power point and videos. In addition Increased use of audiovisual aids like models, presentation and pictures would be recommended.

C. Course Description

The course serves as the transitional phase from the preclinical to the clinical environment. It provides a framework for the students to negotiate the difficult preclinical to clinical divide in a measured and controlled way, reinforcing concepts learned previously. The clinical phase seeks to equip the students with the fundamental skills for sound clinical fixed prosthodontics practice through the comprehensive management of a minimum of two selected FP cases. The concurrent laboratory secession in the first semester facilitates the students understanding of, familiarity with, laboratory procedures and the mutual interdependence between technical and clinical quality.

1. Topics to be Covered

List of Topics	No. of Weeks	Contact Hours
Introduction to Clinical Fixed Prosthodontics	1	1
Examination, Diagnosis and treatment planning	1	1
Occlusion in fixed partial denture	1	1
Managing abnormal tooth position (Abutment Selection)	1	1
Diagnostic wax up and provisional restoration	1	1
Esthetics and shade selection	1	1
Review of various tooth preparation (principles of tooth preparation)	1	1
Tissue management and Final impressions	1	1
All ceramic restorations	1	1
Resin bonded fixed partial dentures	1	1
Veneers and laminates	1	1
Endodontically treated and extensively damaged abutment	1	1
Luting cements	1	1
Failures in fixed partial dentures	1	1





2. Course components (total contact hours and credits per semester): SEMESTER 1

	Lecture	Tutorial	Laboratory	Practical	Clinical	Total
Contact Hours	14	.....	.....	42	42	98
Credit	14	.....	.....	14	28	56

SEMESTER 2

	Lecture	Tutorial	Laboratory	Practical	Clinical	Total
Contact Hours	0	.....	.....	0	42	42
Credit	0	.....	.....	0	28	28

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

3





4. 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: Students will be able to		
1.1	Diagnosis and treatment plan of partially edentulous patients in challenging/ compromised situations.	Lectures, demonstrations	Written examination, Quiz
1.2	Demonstrate clinical procedures required to prepare the oral cavity for delivery of Fixed prosthodontic replacement.	Lectures, demonstrations,	Written examination, Quiz, practical examination
1.3	Conduct clinical procedures required to provisionally restore function and esthetics of partially edentulous patients.	Lectures, demonstrations	Written examination, Quiz, practical examination
1.4	Demonstrate clinical sequence and procedures for trial insertions, adjustments, finishing and cementations of prosthodontic replacements.	Lectures, demonstrations	Written examination, Quiz, practical examination
1.5	Describe the rationale of material selection for different types of Fixed prosthodontic replacements.	Lectures, demonstrations	Written examination, Quiz
1.6	Demonstrate the clinical procedure for prosthodontic restoration of endodontically treated teeth with direct/ indirect post and core.	Lectures, demonstrations,	Written examination, Quiz, practical examination
1.7	Describe and evaluate newly emerging advancement in the area of prosthodontics.	Lectures, demonstrations,	Written examination, Quiz, practical examination
2.0	Cognitive Skills		
2.1	Students should be able to define, describe all the various techniques, materials and treatment plans.	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
2.2	Students should be able to paraphrase the topic learned.	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
2.3	Summarise the lengthy topics.	Lectures, group discussions,	Written examination,



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
		practicals	Quiz, practical examination
2.4	Students should be able to define, describe all the various structures	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
2.5	Students should be able to paraphrase the topic learned.	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
2.6	Summarise the lengthy topics.	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
3.0	Interpersonal Skills & Responsibility		
3.1	Should learn to take manage a group task and work with others	Students will be divided into small groups and tasks will be assigned to the group Part of some lectures will be specified for group discussions.	The group task will be supervised closely to evaluate the work done by each student
4.0	Communication, Information Technology, Numerical		
4.1	The students should use medical terminology in English, verbally	Seminar presentation	Seminar evaluation
4.2	The students should refer to the text book as well as internet web sites for their more information.	Research and group discussions	Written examination and research presentation
5.0	Psychomotor		
5.1			



5. Schedule of Assessment Tasks for Students during the Semester:

	Assessment task	Week Due	Proportion of Total Assessment
1	Quiz and seminar	.....	10%
2	General Assessment	14 th	10%
3	Mid term	7 th	30%
4	Oral Exam	14 th	10%
5	Practical exam (final term)	14 th	10%
6	Theory exam (final term)	14 th	30%
7	.....	.....	.....
8	.....	.....	.....

D. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:
 Office hours
 Tue:
 10:00 to 12:00 noon
 Wed:





11:00 to 1:00 pm

E. Learning Resources

1. List Required Textbooks :

- Fundamentals of Fixed Prosthodontics, Herbert T. Shillingberg

2. List Essential References Materials :

- Journal Of Prosthetic Dentistry

3. List Recommended Textbooks and Reference Material :

- Contemporary Fixed Prosthodontics, Stephen F. Rosenstiel

4. List Electronic Materials :

- www.google.com

5. Other learning material :

- International Journal Of Prosthetic Dentistry

F. Facilities Required

1. Accommodation

- A class room with a seating capacity of 30 students
- A spacious laboratory for practical

2. Computing resources

- One computer in the classroom,
- Projector.
- Smart board.
- Data show Projector.
- Smart board.
- Data show

3. Other resources





G Course Evaluation and Improvement Processes

1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:

- The students will be given a feedback form, which can be submitted to the course director or to the dean which will help in improvement of the subject teaching

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

- The head of the department or the Dean has informal meetings with groups of students to discuss the contents of the course, method of teaching to evaluate the course and the instructor.
- The dean randomly attends lectures to assess the instructor. The power point presentation of each lecture is distributed to all the staff members of the department for evaluation and suggestions for improvement

3 Processes for Improvement of Teaching :

- Teachers will be subjected to go for up gradation of knowledge by attending the relevant conferences and will be encouraged to carry on a self-improvement

4. Processes for Verifying Standards of Student Achievement

- Other staff members are invited to attend the seminar presentation of students to verify the standards of student learning and their work.

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

- Meetings will be conducted every week in the department to update the status of each student and the difficulties felt by the colleague will be resolved accordingly.

Course Specification Approved

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

Course's Coordinator

Name :

Signature :

Date : .../ ... / **H**

Department Head

Name :

Signature :

Date : .../ ... / **H**

