



Course Specifications

Institution:	COLLEGE OF DENTISTRY, AL-ZULFI
Academic Department :	PROSTHODONTICS - SDS 212
Programme :	BACHELOR OF DENTAL SURGERY (BDS)
Course :	INTRODUCTION TO PROSTHODONTICS
Course Coordinator :	DR. MOHMED SHOKRY
Programme Coordinator :	DR.ABDULRAHMAN AL-ATRAM
Course Specification Approved Date :	17/ 03/1437 H



A. Course Identification and General Information

1 - Course title :	NITRODUCTION TO PROSTHODONTICS	Course Code:	SDS 212
2. Credit hours :	2		
3 - Program(s) in which the course is offered:	BDS		
4 – Course Language :	ENGLISH		
5 - Name of faculty member responsible for the course:	DR. MOHMED SHOKRY		
6 - Level/year at which this course is offered :	2 nd YEAR (2 nd SEMESTER)		
7 - Pre-requisites for this course (if any) :	None		
8 - Co-requisites for this course (if any) :	None		
9 - Location if not on main campus :	AL-ZULFI		
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	30 %
B - Blended (traditional and online)	<input checked="" type="checkbox"/>	What percentage?	10 %
D - e-learning	<input checked="" type="checkbox"/>	What percentage?	05 %
E - Correspondence	<input type="checkbox"/>	What percentage?	00 %
F - Other (clinical demonstration)	<input checked="" type="checkbox"/>	What percentage?	55 %
Comments: Using smart board, attractive Audio-visual Aids and practical demonstration. Lectures are uploaded online and practicals are conducted in the lab.			

B Objectives

What is the main purpose for this course?

1. The primary goal of this course is to familiarize the students with the biological and technical aspects of prosthodontics in general, dental anatomy and occlusion in particular.
2. The student should be able to demonstrate abilities of understanding and using different prosthodontic terminologies.
3. The students should be able to demonstrate the abilities and skills to do all the assigned laboratory procedures.
4. The students should be able to illustrate the basic knowledge and skills of how to examine and analyze the occlusion.



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

The course introduction to prosthodontics introduces a dental student to one of a broad subject in dentistry where the student will learn manipulate many of the materials and instruments used in dentistry, so facilities should be arranged for demonstration of that particular material and or instrument dealt during theory sessions.

In the practical time and space should be allocated for students in batches to monitor the major practical exercises carried out for clinical prosthodontics to familiarize them with the clinical set-up and to make them understand the preclinical procedures in a better way.

C. Course Description

This course introduces the students to the dental discipline of Prosthodontics. The didactic component of the course familiarizes the students with the biological and technical aspects of Prosthodontics and its terminologies. The practical component of the course is an introduction to occlusion and provides the students with a basic knowledge concerning the static and dynamic aspects of occlusion and the importance of occlusion to all disciplines in dentistry. During practical sessions, students get to practice how to examine and analyze occlusion in different situations and learn basic prosthodontic laboratory procedures.

1. Topics to be Covered

List of Topics	No. of Weeks	Contact Hours
1. Introduction to prosthodontics.	1	1
2. Oral Anatomy in Relation to Complete Dentures Construction,	1	1
3. Principles for complete denture prosthodontics.	1	1
4. Stock impression trays and construction of casts.	1	1
5. Mandibular Positions and Jaw Relations.	1	1
6. Introduction to Articulators.	1	1
7. Arrangements of Anterior and Posterior Teeth.	1	1
8. Complete Denture Wax-up and Flasking procedures.	1	1
9. Denture repair.	1	1
10. Components and functions of removable partial dentures.	1	1
11. Surveying of partially edentulous casts	1	1
12. Abutment teeth preparation.	1	1
13. Direct and indirect retainers.	1	1
14. Laboratory procedures of making a conventional removable partial dentures	1	1
15. Denture Base and Teeth for Removable Partial Dentures	1	1



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

	Lecture	Tutorial	Laboratory	Practical	Clinical	Total
Contact Hours	15	.....	.....	45	.....	60
Credit	1	.....	.....	1	.....	2

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

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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		
1.1	Understanding of normal oral anatomy of edentulous jaws,	Lectures, Textbooks, Demonstrations, Discussions	Written examination, Quiz
1.2	Understanding of abnormal structures/functions related to oral anatomy of edentulous jaws,	Lectures, Textbooks, Demonstrations, Discussions	Written examination, Quiz, practical examination
1.3	Knowledge of various principles and techniques of both clinical and adjunctive dental procedures for constructions of dentures.	Lectures, Textbooks, Demonstrations, Discussions	Written examination, Quiz, practical examination
1.4	Knowledge of various materials & instruments needed in lab for construction of dentures.	Lectures, Textbooks, Demonstrations, Discussions	Written examination, Quiz, practical examination



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
2.0	Cognitive Skills		
2.1	Ability to evaluate and integrate the knowledge of oral anatomy of jaws during fabrication of pre-requisites [casts, trays etc,] for fabrication of dentures in the lab.	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
2.2	Utilization of critical thinking skills to select particular dental material for particular dental procedure or technique during fabrication of dentures in the lab	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
2.3	Skills to categorize the partial denture conditions based on Kennedy's classification.	Lectures, group discussions, practicals	Written examination, Quiz, practical examination
3.0	Interpersonal Skills & Responsibility		
3.1	An appropriate interaction of students with teaching, non-teaching staff & their colleagues with application of psychosocial & behavioral principles in the work environment.	Students will be divided into small groups and tasks will be assigned to the group.	The group task will be supervised closely to evaluate the work done by each student
4.0	Communication, Information Technology, Numerical		
4.1	Use of specific dental terminologies in English in general and prosthodontics in particular with colleagues, teachers and technicians in the lab.	Discussions and demonstration	Communication evaluation in the laboratory and theory classes.
4.2	An ability to collect, evaluate and apply the information obtained from digital data and making the presentations.	Seminar presentation & discussions.	Seminar evaluation
5.0	Psychomotor		
5.1	Manual dexterity to manipulate various dental materials and perform basic laboratory procedures for fabrication of dentures.	PowerPoint presentations and demonstrations to manipulate dental materials and perform basic laboratory steps for fabrication of dentures.	Laboratory procedure evaluation, Objectively Structured Practical Evaluation & Viva-voce.



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

	Assessment task	Week Due	Proportion of Total Assessment
1	In-course assessments		
	o Midterm written exam.	During the semester	20%
	o Midterm practical exam.		10%
	o Weekly practical assessments		10%
	o Behavior and attitude		5%
	o Research		2%
	o Home work		1%
	o Presentation		1%
	o Quiz		1%
	o Oral exam		10%
2	Final Practical exam	End of the semester	10%
3	Final written exam	End of the semester	30%

D. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

Office hours: Monday: 8:00 to 10:00 am

Tuesday: 1:00 to 3:00 pm

E. Learning Resources

1. List Required Textbooks :

- Text book of prosthodontics, Nallaswamy, Jaypee publisher, 2006
- McCracken's Removable Partial Prosthodontics, Allan B. Carr & David T. B, Elsevier, 2010
- Fundamentals of Fixed Prosthodontics, Herbert T. Shilling burg, Quintessence Pub. Co 2012.

2. List Essential References Materials :

- Journal Of Prosthetic Dentistry

3. List Electronic Materials :

- Saudi digital library. www.google.com,

4. 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

2. Other resources

- Practical demonstration
- Equipped dental units.

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 (1) Date 20 / 11 / 2014

Course's Coordinator

Name : Prof.Dr. Mohamed
Shokry

Signature : 

Date : 12/03/1437 H

Department Head

Name: Prof.Dr.Karthiga
Kannan

Signature : 

Date : 17/ 03/1437 H

