

## T6. Course Specification (CS)

Institution	<b>Najran University</b>	Date	<b>5/ 5/ 2018</b>
College/Department	<b>College of dentistry/Department of prosthetic dentistry (PDS)</b>		

### A. Course Identification and General Information:

1. Course title and code : <b>Fixed Prosthodontics (Clinical I) PDS 432</b>	
2. Credit hours : <b>3 (2 +1 )</b>	
3. Program(s) in which the course is offered. <b>Bachelor Of Dental Surgery (BDS)</b> (If general elective available in many programs indicate this rather than list programs)	
4. Name of faculty member responsible for the course : <b>Dr. Syed Yasir Qadiri</b>	
5. Level/year at which this course is offered : <b>Level 9/ year 4<sup>th</sup> (After preparatory year)</b>	
6. Pre-requisites for this course (if any): <b>None</b>	
7. Co-requisites for this course (if any) : <b>None</b>	
8. Location if not on main campus : <b>Main campus College of Dentistry</b>	
9. Mode of Instruction (mark all that apply)	
a. Traditional classroom	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> What percentage <input checked="" type="text" value="50%"/>
b. Blended (traditional and online)	<input type="text"/> What percentage <input type="text"/>
c. e-learning	<input type="text"/> What percentage <input type="text"/>
d. Correspondence	<input type="text"/> What percentage <input type="text"/>
f. Other	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> What percentage <input checked="" type="text" value="50%"/>
Comments:	
<ul style="list-style-type: none"> <li>- Clinical</li> <li>- Group discussion</li> <li>- E-learning</li> <li>- Case presentations</li> </ul>	

## B. Objectives

<p>1. What is the main purpose for this course</p> <p><b>Overall aims of the course:</b></p> <p>:</p> <p>This course aim to:</p> <ol style="list-style-type: none"> <li>1. Introduce clinically the biological and technical procedures for fixed denture (FPD) construction to students</li> <li>2. Train students clinically on patients to perform all the clinical steps for fixed denture preparation and construction with an accepted level of performance.</li> <li>3. Get students to manipulate and use all the materials, instruments and devices used for fixed denture (FPD) construction.</li> <li>4. Train students to recognize and correlate clinical procedures with laboratory steps.</li> </ol>
<p>2. Briefly describe any plans for developing and improving the course that are being implemented. (e.g. increased use of IT or web based reference material, changes in content as a result of new research in the field)</p> <ol style="list-style-type: none"> <li>1. Continuous updating of the information, knowledge and skills included in the course through continuous search for the new knowledge and skills available in recent publications (books, researches, internet and others).</li> <li>2. Verifying the information resources.</li> <li>3. Continuous improvements in teaching methods as well as encouraging the students to participate effectively in the lectures.</li> <li>4. Continuous evaluation of the course content, student level and establish plans accordingly.</li> </ol>

## C. Course Description (Note: General description in the form used in the Bulletin or handbook should be attached)

<p><b>Course Description :</b></p> <p>This course is mainly clinical. Students treat patients who need fixed prostheses. They provide crowns, bridges, and posts and cores for patients.</p> <p>.....</p>
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1. Topics to be Covered		
List of Topics	No of Weeks	Contact Hours
Introduction	1	1
Student-led revision of clinical procedures	1	2

History taking and clinical examination	2	4
Treatment planning for single tooth replacement	1	1
Treatment planning for multiple tooth replacement	1	1
Occlusion	1	2
Inter-occlusal records	2	4
Fluid control & tissue management	1	1
Try-in of prostheses	1	2
Aesthetic consideration and shade selection	1	2
Cementation	1	1
Care and maintenance	1	1
Managing abnormal abutments	1	1
Removing of FPD	1	1
Case presentations	3	6
<b>Total</b>	<b>15</b>	<b>30</b>

Topics to be Covered (clinical)		
List of Topics	No. of Weeks	Contact Hours
Performing treatment to patients	15	45

2. Course components (total contact hours and credits per semester):						
	Lecture	Tutorial	Laboratory or studio	Clinical	Other:	Total
Contact Hours	30			45		75
Credit	2			1		3

3-Additional private study/learning hours expected for students per week	x 3 x
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4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy.
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On the table below are the five NQF Learning Domains, numbered in the left column.

**First**, insert the suitable and measurable course learning outcomes required in the appropriate learning domains (see suggestions below the table)

**Second**, insert supporting teaching strategies that fit and align with the assessment methods and intended learning outcomes.

**Third**, insert appropriate assessment methods that accurately measure and evaluate the learning outcome. Each course learning outcomes, assessment method, and teaching strategy ought to reasonably fit and flow together as an integrated learning and teaching process. (Courses are not required to include learning outcomes from each domain).

Code #	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
<b>1.0</b>	<b>Knowledge</b>		
1.1	List the clinical steps and rationales for fixed denture (FPD) construction in the clinical.	Lectures Group discussions	Written exams
1.2	List the steps for tissue management.	Lectures Group discussions Clinical demonstrations	Written exams

Code #	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
		Video presentations	
<b>2.0</b>	<b>Cognitive Skills</b>		
2.1	Analyze the information obtained from patients to provide them the appropriate fixed restorations.	Lectures Group discussions Clinical demonstrations Video presentations	Written exams Written exam Clinical exams Continuous assessment
2.2	Analyze the patient situation and choose the materials and instruments suitable for patient needs.	Lectures Group discussions Clinical demonstrations Video presentations	Written exams Clinical exams Continuous assessment
<b>3.0</b>	<b>Interpersonal Skills &amp; Responsibility</b>		
3.1	Demonstrate the responsibility toward treatment of patients with high attitude and collaboration with team, respecting patients' rights.	Each group of students will prepare an essay  Role play exercises on controversial issues relevant to the course.  Students will be guided and supervised by staff members	Observation checklist
<b>4.0</b>	<b>Communication, Information Technology, Numerical</b>		
4.1	Operate and use clinic instruments, machines. communicate clearly in oral, written, and nonverbal form with patients, instructors, receptionists, dental team, colleagues and lab technicians.	Clinical training	Observational checklist
<b>5.0</b>	<b>Psychomotor</b>		

Code #	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
5.1	Perform all the clinical steps required for fixed partial dentures construction up to an acceptable level	Lectures Group discussions Clinical demonstrations  Video presentations	Final Clinical exam Fulfilling requirements
5.2	Demonstrate advance manual skills to become more efficient, by repeatedly applying them in clinics in a correct sequence up to the delivery of a successful fixed partial denture	Lectures Group discussions Clinical demonstrations Video presentations	Final Clinical exam Fulfilling requirements

5. Schedule of Assessment Tasks for Students During the Semester			
	Assessment task (e.g. essay, test, Quizzes, group project, examination, speech, oral presentation, etc.)	Week Due	Proportion of Total Assessment
1	Continuous assessment (Quizzes)	Weekly upon schedule	15%
2	Theoretical midterm exam	7	20%
3	Practical note book	15	30%
4	Case presentation, group discussion, and attitude in the clinic	15	5%
5	Final term theory exam	17	30%
6	<b>Total</b>		<b>100%</b>

#### D. Student Academic Counseling and Support

1. Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice. (include amount of time teaching staff are expected to be available each week)

**Dr. Syed Yasir Qadiri (Course coordinator)**

**Office No. # 188**

**Office Hrs - Sun 1-2pm and  
Tuesday 9-10 am**

**Email: -dryasir@yahoo.com**

**Mobile No. - 0551322693**

**Dr. Alok Dwivedi**

**Office No. # 175**

**Office Hrs – Sun 8-9am and  
Tuesday 9-10 am**

**Email: -at1970c@yahoo.co.in**

**Mobile No. -0550904375**

#### E. Learning Resources

1. List Required Textbooks:

**a. Fundamentals of Fixed Prosthodontics. Hobo, Whitsett, Jacobi Brackett, Shillingburg. 2002. Quintessence Publishing (IL).**

**b. Contemporary Fixed Prosthodontics. Stephen F. Rosenstiel BDS MSD, Martin F. Land DDS MSD, Junhei Fujimoto DDS MSD DSc. 2006. 4<sup>th</sup> edition. Mosby**

c. List Essential References Materials (Journals, Reports, etc.)

**a. International Journal of Prosthodontics**

**b. British Dental Journal**

d. List Electronic Materials Web Sites, Facebook, Twitter, etc

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed>

<http://www.sciencedirect.com/>

<http://www.ada.org/prof/ed/testing/index.html>

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<ul style="list-style-type: none"> <li>e. Other learning material such as computer-based programs/CD, professional standards or regulations and software.</li> <li>a. Animations to simplify the scientific ideas during lecture classes</li> <li>b. Video films demonstrating Clinical procedures</li> </ul>

## F. Facilities Required

Indicate requirements for the course including size of classrooms and laboratories (i.e. number of seats in classrooms and laboratories, extent of computer access etc.)
<ol style="list-style-type: none"> <li>1. Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.) <ul style="list-style-type: none"> <li>a. Classroom 20 seats.</li> <li>b. Clinical units and related equipment</li> <li>c. Fixed prosthodontic lab.</li> <li>d. Projectors to be installed properly in class rooms</li> </ul> </li> </ol>
<ol style="list-style-type: none"> <li>1. Computing resources (AV, data show, Smart Board, software, etc.) <ul style="list-style-type: none"> <li>a. Computer with data show.</li> <li>b. Computer with internet access.</li> </ul> </li> </ol>
<ol style="list-style-type: none"> <li>2. Other resources (specify, e.g. if specific laboratory equipment is required, list requirements or attach list). Prosthodontic lab. have the following equipments: <ul style="list-style-type: none"> <li>a- Production furnaces</li> <li>b- Casting machines</li> <li>c- Different shapes of cutting diamond burs</li> <li>d- Micro-motor</li> </ul> </li> </ol>

## G. Course Evaluation and Improvement Processes:

<ol style="list-style-type: none"> <li>1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching <ul style="list-style-type: none"> <li>a. Confidential feedback questionnaire from students</li> <li>b. Questioning at end of lectures</li> <li>c. Electronic students feedback</li> </ul> </li> </ol>
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<p>2. Other Strategies for Evaluation of Teaching by the Instructor or by the department.</p> <p>a- Staff member feedback. b- Peer evaluation.</p>
<p>3. Processes for Improvement of Teaching:</p> <p>a- Constant reviewing and updating of recommended teaching methodologies. b- Regular feedback to staff members. c- Increase the number of staff. d- Attending workshops.</p>
<p>4. Processes for Verifying Standards of Student Achievement (e.g. check marking by an independent member teaching staff of a sample of student work, periodic exchange and remarking of tests or a sample of assignments with staff at another institution)</p> <p>a. Remarking of a sample of assignments with a faculty member in another institution b. Small group discussion in the lab under faculty supervision on rotation</p>
<p>5. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement</p> <p>a- Continuous course feedback from staff members and students. b- Continuous update for the teaching philosophy. c- Regular evaluation for exams results. d- Consultation with teaching expert</p>

**Name of instructor: Dr. Syed Yasir Qadiri**

**Signature Dr. Syed Yasir Qadiri Date Report Completed: 5/ 5/ 2018**

**Name of field experience teaching staff : \_\_\_\_\_**

**Program coordinator : Dr Abdelnaser emam**

**Signature: Dr Abdelnaser emam**

**Date received 5/ 5/ 2018**