



## **ATTACHMENT 5.**

# **T6. COURSE SPECIFICATIONS (CS)**

**Course title: Removable Prosthodontics Clinical I**  
**Course Code: PDS 332**  
**Level: 7**  
**1439-2018**



## Course Specifications

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>Removable Prosthodontics (Clinical I) PDS 332</b>			
2. Credit hours: <b>(2Th +1Cli ) hrs</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. Alok Dwivedi</b>			
5. Level/year at which this course is offered: <b>Level 7/ year 3<sup>rd</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>None</b>			
9. Mode of Instruction (mark all that apply):			
a. traditional classroom	<input checked="" type="checkbox"/>	What percentage?	<input type="text" value="60"/>
b. blended (traditional and online)	<input type="checkbox"/>	What percentage?	<input type="text"/>
c. e-learning	<input type="checkbox"/>	What percentage?	<input type="text"/>
d. correspondence	<input type="checkbox"/>	What percentage?	<input type="text"/>
f. other : Clinical	<input checked="" type="checkbox"/>	What percentage?	<input type="text" value="40"/>
Comments: No comments			

## B Objectives

1. What is the main purpose for this course?

### Overall aims of the course:

Student should be able to Demonstrate all the clinical steps required for complete denture construction perfectly. He should recognize and correlate clinical findings with the treatment planning suggested to fabricate successful complete denture. Also should describe the basic knowledge and fundamentals necessary for clinical steps of complete denture construction. He should be able to demonstrate various techniques and philosophies regarding fabrication of complete dentures and recognize limitations which may necessitate referral of patients to a specialized Prosthodontists or other Dental Specialties.

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)

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).
2. Verifying the information resources.
3. Continuous improvements in teaching methods as well as encouraging the students to participate effectively in the lectures.
4. Continuous evaluation of the course content, student level and establish plans accordingly.

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

Course Description: This course consists of theory and clinical sessions. After the completion of course students should successfully complete a case of clinical complete denture, also, he should be able to manage and treat some difficult situations in complete dentures.

### 1. Topics to be Covered

List of Topics	No. of Weeks	Contact Hours
1. Introduction to complete denture	1	2
2. Examination, diagnosis and treatment plan	1	2
3. primary impression for complete denture	1	2
4. Final impression for complete denture	1	2
5. Face-bows and articulators	1	2
6. Recording maxillary and mandibular relationships	2	4
7. Trial denture Procedure and clinical remount	1	2
8- Balanced Occlusion in CD	1	2
9. Delivery of the finished dentures	1	2

10. Retention and stability of complete denture	1	2
11. Occlusal disharmony	2	4
12. Management of Post insertion problems	1	2
13. Revision	1	2
<b>Total</b>	<b>15</b>	<b>30</b>

#### CLINICAL PART:

- The clinical part of this clinical course consist of:

Clinical treatment of outpatients in the dental clinic for complete dentures.	Weeks 15	45
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2. Course components (total contact hours and credits per semester):						
		Lecture	Tutorial	Laboratory/ Studio	Practical	Other: Total
Contact Hours	Planed	30	3		42	75
	Actual	30	3		42	75
Credit	Planed	2			1	3
	Actual	2			1	3

3. Additional private study/learning hours expected for students per week.	3
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#### 4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

**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 factors promoting a successful prosthesis theoretically.	Lectures Group discussions	Written exams
1.2	Write clinical examination outcomes which require special care.	Lectures Group discussions	Written exams Practical exams

		Practical demonstrations Video presentations	Continuous assessment
<b>2.0</b>	<b>Cognitive Skills</b>		
2.1	Interpret cases using correct terminology, explain denture retention and stability from physical and anatomical aspects, and Justify simple prosthesis design and treatment plans.	Lectures Group discussions Practical demonstrations Video presentations	Written exams Practical exams Continuous assessment
2.2	Develop content of dental record, treatment plan, demonstrate problem-solving skills to find solutions for unanticipated clinical or laboratory problems.	Lectures Group discussions Practical demonstrations Video presentations	Written exams Practical exams Continuous assessment
<b>3.0</b>	<b>Interpersonal Skills &amp; Responsibility</b>		
3.1	Show the team work with colleagues, teaching staff, clinical and lab assistants for better execution of services to patients.	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	Practical exams  Continuous assessment
3.2			
<b>4.0</b>	<b>Communication, Information Technology, Numerical</b>		
4.1	Demonstrate referrals to instructors, lab technicians with the help of computer technology and oral form.	Digital x rays system and connecting program in pre-clinical lab  -E learning library	Student's evaluation in the E-learning lab.
4.2			
<b>5.0</b>	<b>Psychomotor</b>		
5.1	Demonstrate all the clinical steps required for complete denture construction perfectly.	Lectures Group discussions Practical demonstrations  Video presentations	Mid-term Practical exam Final practical exam Continuous assessment
5.2	Perform impression making with the use of	Lectures	Mid-term Practical

	different impression materials and techniques for complete dentures, deliver and adjust the final restoration.	Group discussions Practical demonstrations Video presentations	exam Final practical exam Continuous assessment
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#### 5. Schedule of Assessment Tasks for Students During the Semester

	Assessment task (i.e., essay, test, quizzes, group project, examination, speech, oral presentation, etc.)	Week Due	Proportion of Total Assessment
1	First quiz	5	5%
2	Practical midterm exam	7	10%
3	Theoretical midterm exam	10	20%
4	Quiz-II	12	5%
5	Practical note book	15	10%
6	Final term practical exam	16	20%
7	Final term theory exam	17	30%
8	<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. Alok Dwivedi (Course coordinator)**

**Office No. # 175**

**Office Hrs - Mon1-2pm and  
Thursday 8-9 am**

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Thursday 8-10 am**

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#### E Learning Resources

1. List Required Textbooks:

- a. **Sheldon Winkler, W.B. 1988. , Essentials of Complete Denture Prosthodontics, Saunders 3<sup>rd</sup> Edition**
- b. **Zarb G.A., Bolender CL, Carlson, G. Prosthodontic Treatment for Edentulous Patients: 11<sup>th</sup>. Ed. The C.V.Mosby Company St-Louis,; 1997**

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>

[Saudi digital library](#)

[www.youtube. com](http://www.youtube.com)

4. Other learning material such as computer-based programs/CD, professional standards or regulations and software.

- a. Animations to simplify the scientific ideas during lecture classes
- b. Video films demonstrating practical procedures

## F. Facilities Required

	<p>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.)</p> <ol style="list-style-type: none"> <li>1. Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)</li> <li>2. Classroom 20 seats.</li> <li>3. Student prosthodontic lab.</li> <li>c- Acrylic prosthodontic lab.</li> </ol>
	<ol style="list-style-type: none"> <li>1. Computing resources (AV, data show, Smart Board, software, etc.) <ol style="list-style-type: none"> <li>a. Computer with data show.</li> <li>b. Computer with internet access.</li> </ol> </li> <li>2. Other resources (specify, e.g. if specific laboratory equipment is required, list requirements or attach list). Prosthodontic lab. have the following equipments: <ol style="list-style-type: none"> <li>a- Bunsen burner.</li> <li>b- Micro motor.</li> <li>c- Vibrator.</li> <li>d- Trimmer.</li> <li>e- Acrylic curing unit.</li> <li>f- Wax elimination unit.</li> <li>g- Polishing bench motor.</li> </ol> </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 <ol style="list-style-type: none"> <li>a. Confidential feedback questionnaire from students</li> <li>b. Questioning at end of lectures</li> <li>c. Electronic central questionnaire for students evaluation of the course</li> </ol> </li> </ol>
	<ol style="list-style-type: none"> <li>2. Other Strategies for Evaluation of Teaching by the Instructor or by the Department <ol style="list-style-type: none"> <li>a- Staff member feedback.</li> <li>b- Peer evaluation.</li> </ol> </li> </ol>
	<ol style="list-style-type: none"> <li>3. Processes for Improvement of Teaching <ol style="list-style-type: none"> <li>a- Constant reviewing and updating of recommended teaching methodologies.</li> <li>b- Regular feedback to staff members.</li> <li>c- Increase the number of staff.</li> <li>d- Attending workshops.</li> </ol> </li> </ol>
	<ol style="list-style-type: none"> <li>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) <ol style="list-style-type: none"> <li>a. Faculty member of a sample of student assignment,</li> </ol> </li> </ol>



- b. Periodic exchange for advisory staff member.
- c. Remarking of a sample of assignments with a faculty member in another institution
- d. Small group discussion in the lab under faculty supervision on rotation

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

- 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

**Name of instructor \_Dr. Alok Dwivedi**

**Signature : *AkDwivedi* Date Report Completed: 5/ 5/ 2018**

**Name of field experience teaching staff :**

**Program coordinator : Dr: Abdel Naser Emam**

**Signature: *Ansram* Date received 5/ 5/ 2018**