



Beni-Suef University  
Faculty of Dentistry  
Quality Assurance Unit



## Course Specification

University: **Beni-Suef** Faculty: **Dentistry**  
Course Title: **Preclinical Removable Prosthodontics** Course code: **DRP3**  
Program on which the course is given: **Bachelor's degree in dentistry, graduate program**  
Department offering the course: **Removable Prosthetic Department**  
Academic year: **2023-2024**  
Date of specification approval: **September 2023**

### A-Basic Information

Academic Year:	2023-2024
Course Code:	DRP3
Course Theoretical (contact hours):	1
Practical (contact hours)	4
Total Hours/week	5
Prerequisite if any:	-

### B-Professional Information

#### Overall aims of course

- 1-Present perfectly the meaning of applications and benefits of prosthetic dentistry
- 2-Explain and represent scientific terms related to the course, so at the end of the course the student must be able to use these terms correctly.
- 3-Carry out all the laboratory procedures of complete and partial denture prosthodontics.

#### 2-Intended learning outcomes of course (ILOs)

##### a. Knowledge and understanding:

- a1. Define prosthetic dentistry and list objectives, indication & contraindications of removable prosthesis.

- a2. Describe difference between dentulous, edentulous arches and mention partially edentulous Kennedy classification.
- a3. Explain clinical and laboratory steps of complete and partial denture construction.
- a4. Draw anatomic landmarks & describe relief and postdam.
- a5. List different types of trays & theories of impression making in relation to retention & stability.
- a6. Mention different types of facebow, articulators, occlusion blocks and jaw relationship registration leading to proper teeth setting.
- a7. Describe different components of removable partial denture and dental surveyors.
- a8. Define relining, repair and rebasing for complete & partial dentures.

**b. Intellectual skills:**

- b1. Choose the correct impression technique as well as the impression material to be used.
- b2. Formulate partially edentulous patients according to Kennedy's classification.
- b3. Evaluate different types of articulators and facebows.
- b4. Compare between all components of removable partial denture.
- b5. Choose appropriate areas for relief and postdam.
- b6. Criticize different concepts of occlusion and its effect on setting of the teeth.
- b7. Interpret different laboratory errors in complete denture & removable partial denture construction.

**c. Professional and practical skills:**

- c1. Prepare plaster and stone casts and mounting them on the articulator.
- c2. Perform relief, post dam and accurate special tray and occlusion block construction.
- c3. Use specific rules for teeth setting and denture waxing up.
- c4. Prepare occlusal rest seat and framework wax pattern.
- c5. Perform modification of partially edentulous casts.
- c6. Use of dental surveyor and processing flasks

**d. General and transferable skills:**

- d1. Communicate with a team to accomplish a research project.
- d2. Write an accurate laboratory authorization sheet.

### 3-Contents:

<b>Topic</b>	<b>lecturer</b>	<b>Number of Lecture session covering the topic</b>	<b>Number of Practical sessions number covering the topic</b>	<b>Total Hours</b>	<b>Weighing of the topic</b>	<b>ILOs covered by this topic</b>	<b>Teaching method used for this topic</b>	<b>Assessment methods used for this topic</b>
<b>Introduction for complete denture</b>	Dr. Reham	<u>1</u>	<u>1</u>	<u>3</u>	3.6	a 1,2 b 1,7 C1 d 1,2	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Anatomical Landmarks of the edentulous mouth</b>	Dr. Reham	<u>2</u>	<u>1</u>	<u>4</u>	3.6	a 3,4 b 1,7 C1 d 1,2	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Impression Trays, impression theories &amp; boxing</b>	Dr. Reham	<u>1</u>	<u>1</u>	<u>3</u>	3.6	a 3,4 b 1,5 C1 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Retention, Stability , Support</b>	Dr. Reham	<u>2</u>		<u>2</u>	3.6	a 3,5 b 1,5,7 C1 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Relief and Posterior Palatal Seal (online)</b>	Dr. Mohammed Abd El Hakim	<u>1</u>	<u>1</u>	<u>3</u>	3.6	a ,4,5 b 1,5,7 C1 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>TMJ And Mandibular Movements</b>	Dr. Mohammed Abd El Hakim	<u>1</u>	<u>1</u>	<u>3</u>	7.14	a 6 b 3 C1 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Occlusion Blocks</b>	Dr. Reham	<u>1</u>	<u>2</u>	<u>5</u>	3.6	a 3,6 b 3 C3 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Face-Bows and Articulators</b>	Dr. Reham	<u>1</u>		<u>1</u>	3.6	a 6 b 3 C3 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>

<b>Jaw Relation registration (online)</b>	Dr. Reham	<u>1</u>		<u>1</u>	3.6	a 6 b 3 C3 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Types of Artificial Teeth-Selection of Teeth- Anterior Teeth Arrangement</b>	Dr. Reham	<u>1</u>	<u>2</u>	<u>5</u>	3.6	a 3 b 6 C3 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Posterior Teeth Arrangement</b>	Dr. Reham	<u>1</u>	<u>2</u>	<u>5</u>	3.6	a 3 b 6 C3 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Waxing And Processing- Remounting of Denture</b>	Dr. Reham	<u>2</u>	<u>2</u>	<u>6</u>	3.6	a 3,6 b 7 C3 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Relining, Rebasing and Repair</b>	Dr. Reham	<u>1</u>		<u>1</u>	3.6	a 8 b 7 C3 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Introduction of RPD &amp; classification of partially edentulous arches</b>	Dr. Reham	<u>1</u>	<u>1</u>	<u>3</u>	3.6	a 1,2,7 b 2 C4 d 1,2	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Denture bases and artificial teeth</b>	Dr. Reham	<u>1</u>	<u>1</u>	<u>3</u>	3.6	a 3,7 B 4, 6 C4 d 1,2	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Rests and rest seats</b>	Dr. Reham	<u>1</u>	<u>1</u>	<u>3</u>	3.6	a 3,7 b 2,4 C4 d 1,2	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Retainers</b>	Dr. Mohammed Abd El Hakim	<u>2</u>	<u>2</u>	<u>6</u>	7.14	a 3,7 b 2,4 C4 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Indirect Retainers</b>	Dr. Reham	<u>1</u>		<u>1</u>	3.6	a 3,7 b 2,4 C5	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>

						d 1	training/lab	
<b>Maxillary major connectors</b>	Dr. Mohammed Abd El Hakim	<u>1</u>	<u>1</u>	<u>3</u>	7.14	a 3,7 b 2,4 C5 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Mandibular major connectors</b>	Dr. Mohammed Abd El Hakim	<u>1</u>	<u>1</u>	<u>3</u>	3.6	a 3,7 b 2,4 C5 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Surveying</b>	Dr. Mohammed Abd El Hakim	<u>1</u>	<u>1</u>	<u>3</u>	3.6	a 3,6 b 7 C6 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Forces acting on partial denture</b>	Dr. Reham	<u>1</u>		<u>1</u>	3.6	a 3,7 b 2,4 C6 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Laboratory steps of RPD construction</b>	Dr. Reham	<u>1</u>	<u>2</u>	<u>5</u>	3.6	27 a 3,7 b 7 C6 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>
<b>Repair, relining for partial denture</b>	Dr. Reham	<u>1</u>		<u>1</u>	3.6	28 a 3,8 b 7 C6 d 1	Lectures/ Practical training/lab	<u>MCQ/ESSAY</u>

#### **4- Teaching and learning methods**

4.a Interactive lectures

4.b Demonstrations

4.c Research projects

4.d Small group discussion & Brain storming

5e Online activities

#### **5- Student assessment methods**

5.a Multiple choice questions (MCQ)

5.b Give reason

5.c True or false question with justifying answer

5.d Written and short answer questions

5.e Online work

#### **Assessment schedule**

Assignment	4 <sup>th</sup> week
Quiz 1	12 <sup>th</sup> week
Quiz 2	26 <sup>th</sup> week
Practical final	As scheduled from the university
Written final	As scheduled from the university

#### **Weighting of assessments**

	Written	Participation	Practical	Oral Exam	Total
Final Exam	60	30	40	20	150

#### **6- List of reference;**

1- Department hand out.

2- Essential books (text books):

A- Alan B.Carr ,Glen P .McGivney and David T. Brown ,2005. McCracken Removable Partial Prosthodontics .11<sup>th</sup> edition . Mosby

B- Judson G.Hickey \ George A. Zarb , 2005 . Boucher Prosthodontic treatment for edentulous patients. 8<sup>th</sup> edition. Mosby

**Facilities required for teaching and learning**

- Facebook and articulator
- Production lab
- Data show in labs

Course coordinator: **Dr. Reham Alaa El sharabasy**

Head of Department: **Ass. Prof/ Shahinaz sayed**

Date: 10 / 9 / 2023