



**Jordan University of Science and Technology**  
**Faculty of Dentistry**  
**Dental Surgery Department**

DENT463 Removable Prosthodontics Iii - JNQF Level: 7

First Semester 2023-2024

**Course Catalog**

3 Credit Hours. Course provides students with knowledge and clinical experience in removable prosthodontics. Students will have an opportunity to treat edentulous and partially edentulous patients. Students will learn to perform thorough examination of the edentulous and partially dentate patient, in addition to making impressions, jaw relation registration, phonetics and aesthetic principles, insertion of complete dentures and management of complete dentures complications. Weekly lectures will cover topics related to management of complete denture complications and maintenance procedures of complete dentures such as relines, rebase, repairs and copy dentures. In addition to principles of occlusal therapy and occlusal splints and the laboratory procedures in fixed prosthodontics, and aesthetic principles and shade selection in prosthodontics

**Text Book**

<b>Title</b>	Prosthodontic Treatment for Edentulous patients
<b>Author(s)</b>	G.A Zarb; C.L. Bolender; J.C. Hickey and G.E Carlsson
<b>Edition</b>	12th Edition
<b>Short Name</b>	Ref 1
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
Ref 2	McCracken's Removable Partial Prosthodontics	Alan B. Carr DMD MS , David T. Brown DDS MS	12th Edition	
Ref 3	Prosthetic Treatment of the Edentulous Patient	R.M. Basker and J.C. Davenport	4th Edition	
Ref 4	Treatment of Edentulous Patients	McCord, J. Fraser; Smith, Phillip and Grey, Nicholas	1st Edition	
Ref 5	A Clinical Guide to Removable Partial Dentures.	J C Davenport, R M Basker, J R Heath, J P Ralph & P O Glantz.	1st Edition	

**Instructor**

<b>Name</b>	Dr. LINA KHASAWNIH
<b>Office Location</b>	-
<b>Office Hours</b>	
<b>Email</b>	lwkhasawnh@just.edu.jo

**Class Schedule & Room**

Section 1:  
 Lecture Time: Mon : 10:30 - 11:30  
 Room: NG76

**Teaching Assistant**

Dr Esra'A Athamneh Enathamneh@Just.Edu.Jo(), Dr Dua'A Ailabouni Ddailabouni@Just.Edu.Jo(), Dr Rami Anshasi Rjanshasi@Just.Edu.Jo(), Dr Sara Sarraj Snsarraj@Just.Edu.Jo(), Dr Yousef M. Salem Ymsalem1@Just.Edu.Jo()

**Tentative List of Topics Covered**

Weeks	Topic	References
Week 1	Introduction	From Ref 1, From Ref 2, From Ref 3, From Ref 4, From Ref 5
Week 2	Treatment planning for edentulous patients and Special impression techniques in complete denture treatment	From Ref 1, From Ref 3, From Ref 4
Week 3	Preprosthetic Surgery	From Ref 1, From Ref 3, From Ref 4
Week 4	Occlusal schemes in complete denture treatment	From Ref 1, From Ref 3

Week 5	The use of articulators and facebow in removable prosthodontics	From Ref 1, From Ref 2, From Ref 3, From Ref 4, From Ref 5
Week 6	Clinical and laboratory re-Mount procedure	From Ref 1
Week 7	Reline and rebase	From Ref 1, From Ref 3
Week 8	Copy dentures	From Ref 1, From Ref 4
Week 9	Immediate dentures	From Ref 1, From Ref 2, From Ref 3
Week 10	Managing denture problems and complications 1	From Ref 1, From Ref 3, From Ref 4
Week 11	Managing denture problems and complications 2	From Ref 1, From Ref 3, From Ref 4
Week 12	Review of provisional acrylic partial denture and laboratory procedures	From Ref 2, From Ref 5

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Develop and maintain knowledge and state-of-art technical skills in relation to removable prosthodontics [11.3 Scientific Knowledge and Cognitive Skills] [1L7K1]	20%	
Recognize principles of interpretation of investigations, measurements, diagnosis, treatment planning for edentulous and partially dentate patients [11.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	15%	
Formulate problem-based, person-centered and comprehensive management plans based on the interpretation and integration of all the findings obtained from the history, clinical examination, investigations, diagnosis and risk assessment for the edentulous and partially dentate patient [12.1 Person Centered Care] [1L7S3]	15%	
Perform preventive, interceptive, and definitive dental treatment competently and safely for adult and geriatric edentulous or partially dentate individuals in health and disease respecting the person's needs and demands [12.2 Person Centered Care] [1L7S1]	15%	
Practice ethically and professionally and engage respectfully with the person receiving oral health care, colleagues, mentors and supporting staff in a discrimination free environment [13.1 Responsibility, Communication, Professionalism and Ethics] [1L7C1]	15%	
Apply critical thinking, problem solving and clinical judgment to effective and safe oral health care [14.3 Critical Thinking, Problem Solving and Evidence-Based Practice] [1L7C2]	20%	

Relationship to Program Student Outcomes (Out of 100%)													
1.1 Scientific Knowledge and Cognitive Skills	1.2 Scientific Knowledge and Cognitive Skills	1.3 Scientific Knowledge and Cognitive Skills	1.4 Scientific Knowledge and Cognitive Skills	1.5 Scientific Knowledge and Cognitive Skills	1.6 Scientific Knowledge and Cognitive Skills	1.7 Scientific Knowledge and Cognitive Skills	2.1 Person Centered Care	2.2 Person Centered Care	2.3 Person Centered Care	2.4 Person Centered Care	3.1 Responsibility, Communication, Professionalism and Ethics	3.2 Responsibility, Communication, Professionalism and Ethics	3.3 Responsibility, Communication, Professionalism and Ethics
		20				15	15	15			15		

Relationship to NQF Outcomes (Out of 100%)				
L7K1	L7S1	L7S3	L7C1	L7C2
35	15	15	15	20

Evaluation	
Assessment Tool	Weight
Intra-semester work for the 1st and 2nd semesters as follows: 7.5 Marks: Midterm Online exam 7.5 Marks: Online practical exam 5 marks: Quizzes Clinical requirements 10 marks: complete denture 10 marks: extensive partial dentures	40%
Final exam 60% 20 marks: final written exam 10 marks: online practical exam 15 marks: viva or clinical exam 15 marks: objective structured clinical exam (OSCE) and case presentation	60%

Policy
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Professionalism	<ul style="list-style-type: none"> <li>- Professions tend to be autonomous and self-sufficient which means having a high degree of control of one's own affairs while having freedom to exercise professional judgment.</li> <li>- As it is a trait, which can be easily enhanced, it is thus subject to self-interest and a continuous process of critical evaluation of ethics and procedure.</li> <li>- As the students have been part of the university for some considerable time, they would be familiar with general principles about its beliefs on matters such as quality studentship within this environment. We thus expect our students to develop their professionalism even further together with a high morality. Dentistry is a profession based on such ethical codes.</li> <li>- Gross violations of these formal codes are governed by University laws, which delineate the procedures to determine whether a violation of the code of ethics occurred and, if so, what remedies should be imposed.</li> <li>- This does not mean the list is complete. We encourage students to abide with the more sensitive approach to this by allowing the practice of a high Morality (or proper behavior), which defines right and wrong by the society, philosophy, religion, and individual conscience.</li> <li>- Students and their instructors often make ethical choices reflexively/ But ethically sensitive situations, where time, emotions and marks are pressured, it becomes all too easy to be blind-sided by temptation. The best antidote to ethical lapses is to commit in advance to a set of ethical principles - your personal ethical code that follows or grows to it.</li> <li>- Any difficulty or concern during the course should be passed directly to the course coordinator.</li> </ul>
Lab work	<ul style="list-style-type: none"> <li>- The working models should be marked with the students name and university number.</li> <li>- Student ID labels are confirmed by assigned lab supervisor</li> <li>- The Lab work should be finished during the lab sessions, not allowed to finish your work at home</li> <li>- Completed work is handed in the assigned area in the lab</li> <li>- All the instruments you need should be brought as soon as possible</li> <li>- You should leave your worktop as clean as possible</li> <li>- Each student should set at the designated area; Names will be mounted on each bench.</li> <li>- Cooperation and professionalism in the lab time are encouraged to facilitate your progress in the course</li> </ul>
makeup Exams	<ul style="list-style-type: none"> <li>- Applicable when an acceptable and valid excuse is presented at the appropriate time.</li> </ul>
Drop Date	<ul style="list-style-type: none"> <li>- N/A</li> </ul>
Cheating	<ul style="list-style-type: none"> <li>- Unethical.</li> <li>- JUST regulations will be applied</li> </ul>
Attendance	<ul style="list-style-type: none"> <li>- It is mandatory for all lectures, clinical and laboratory sessions</li> <li>- Each student will be assigned a seat</li> <li>- Tardiness up to 15 minutes of the start of class/clinic/lab will be allowed.</li> </ul>
Absenteeism	<ul style="list-style-type: none"> <li>- To receive course credit, a student should attend a minimum of 90% of the contact hours of the class; meaning losing only one and a half lecture.</li> <li>- Absences from class are counted from the day the class meets officially for the first time ? not from when the student officially enters.</li> <li>- If absent from lectures, then the course coordinator will refer to related guidelines set by the university</li> <li>- Any student who is absent on a test day, will have to demonstrate an acceptable medical or social statement explaining the illness or personal crisis as instructed by their faculty</li> <li>- Individual instructors may arrange for a make-up test only when a written request is made to and approved by the appropriate dean.</li> </ul>
Students with Special needs	<ul style="list-style-type: none"> <li>- Any student who feels that he/she may need accommodation for any type of disability is strongly encouraged to contact the course coordinator who will be happy to help in any way</li> <li>- Individual accommodations to the course plan are possible after consulting with the dean.</li> </ul>
Graded Exams	<ul style="list-style-type: none"> <li>- Multiple choice questions will be computer based</li> <li>Written questions may include short essay, definition, enumeration and matching questions</li> <li>- Answers will be discussed in the class</li> </ul>
Participation	<ul style="list-style-type: none"> <li>- All students are highly encouraged to actively participate in the class and laboratory sessions</li> <li>- Quizzes and brain storming will be an essential part of the course.</li> </ul>
Individual conferencing and consultations	<ul style="list-style-type: none"> <li>- The course coordinator is always available to talk with the student when problems arise</li> <li>- If you have any problems that require the attention of an instructor, do not wait until the problem is insurmountable</li> <li>- If a student needs to talk with the course coordinator outside office hours, an appointment can be made</li> </ul>
Course changes	<ul style="list-style-type: none"> <li>- Information contained in this course outline is correct at the time of publication</li> <li>- Content of the courses is revised on an ongoing basis to ensure relevance to changing educational, employment needs</li> <li>- The course coordinator reserves the right to add or delete material from courses and will endeavour to provide notice of changes to students as soon as possible</li> <li>- The timetable may also be revised accommodating to holidays and unexpected holidays</li> </ul>

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