



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Dental Technology Department

TDEN311 Complete Removable Prosthodontics (2) - JNQF Level: 7

First Semester 2024-2025

Course Catalog

1 Credit Hours. This is an undergraduate 3rd year students course, 1 credit hour, it is designed to provide the students with a solid theoretical background on advanced aspects while fabricating complete dentures; occlusion, malocclusion, and major complains and shortcomings relevant to technical and clinical aspects of complete dentures. In addition to uncommon but important complete denture cases along with introduction to digital complete denture materials and techniques.

Teaching Method: Blended

Text Book

Title	OCCLUSION IN COMPLETE DENTURES
Author(s)	C P Owen
Edition	3rd Edition
Short Name	Ref 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref 2	ARTICULATORISN DENTISTRY	Dr. Yogesh Rao, Dr. Pankaj Yadav, Dr. Amit Kalara, Dr. Manjunath Badni, Dr. Sheetal Kumar Sagari	1st Edition	
Ref 3	Identification of complete denture problems: a summary	J. F. McCord, ¹ and A. A. Grant,	1st Edition	
Ref 4	The physical mechanisms of complete denture retention	B. W. Darvell, ¹ and R. K. F. Clark, ²	1st Edition	

Ref 5	New Dentures from Old: A Duplication Method Using ? Appropriatech	Peter Owin	1st Edition	
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Instructor	
Name	Dr. ISRA ALBAKRI
Office Location	-
Office Hours	
Email	iaalbakri@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Sun : 08:30 - 09:30 Room: N4203

Prerequisites		
Line Number	Course Name	Prerequisite Type
512100	TDEN210 Removable Complete Prosthodontics (1)	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction & Revision of complete dentures	
Week 2	Occlusion & Articulators	
Week 3	Class II & Class III complete denture	
Week 4	Malocclusion and setting principles	
Week 5	Denture surfaces & denture retention	
Week 6	Porosity and shortcomings	
Week 7	Discussing problems associated with complete denture in regard to denture surfaces	
Week 8	Mid-Term Exam	
Week 9	Fracture & repair	
Week 10	reline and rebase	
Week 11	Overdentures & Copy denture	
Week 12	Single complete denture	
Week 13	Immediate dentures	
Week 14	Advanced techniques and Materials in digital complete denture approach	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Provide the student with sufficient theoretical background about the clinical procedures involved in constructing Removable Acrylic Complete Dentures. [1PLO 1] [1L7K1]	5%	
Provide the students with solid theoretical background on occlusion, malocclusion and articulators [1PLO 6, 1PLO 8] [1L7S2]	25%	
Provide students with sufficient theoretical knowledge about complete denture surfaces and retention [1PLO 4] [1L7C4]	10%	
Introduce the students to the problems and shortcomings that would possibly face them while constructing and maintaining removable prostheses such as repair, reline, rebase [1PLO 6, 1PLO 8] [1L7C2, 1L7C4]	25%	
Get in depth knowledge on overdenture, copy denture, single denture and immediate denture prostheses [1PLO 2, 1PLO 8] [1L7C3]	25%	
Introduce students to UpToDate techniques and materials used in complete denture construction [1PLO 3, 1PLO 4, 1PLO 10] [1L7C3, 1L7C4]	10%	

Relationship to Program Student Outcomes (Out of 100%)									
PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10
5	12.5	3.33	13.33		25		37.5		3.33

Relationship to NQF Outcomes (Out of 100%)				
L7K1	L7S2	L7C2	L7C3	L7C4
5	25	12.5	30	27.5

Evaluation	
Assessment Tool	Weight
Mid Term Exam consisted of 30 multiple choice questions each for 1 mark and 45seconds to answer.	30%
online quizzes during the semester each for 5 marks	20%
Final Exam ,electronic multiple choice exam, 30 MCQs 1mark each and 45 seconds	30%
Seminar, 2 seminars for each student during the semester	20%

Policy	
Complains and Concerns policy	Concerns or complaints should be expressed in the first instance to the course instructor. If no resolution is forthcoming then the issue should be brought to the attention of the Department Chair and if still unresolved to the Dean. Questions about the material covered in the lecture, notes on the content of the course, its teaching and assessment methods can be also sent by e-mail iaalbakri@just.edu.jo

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