



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

TDEN321 Removable Partial Prosthodontics 2 - JNQF Level: 7

First Semester 2022-2023

Course Catalog

1 Credit Hours. This is an undergraduate 3rd year students course, 1 credit hours (theoretical), it is designed to provide the students with: ? The Sufficient technical knowledge to fabricate Removable Partial Dentures made of Cobalt-Chromium alloy. ? The Theoretical background relevant to technical and design aspects related to metallic and definitive Removable Partial Denture frameworks.

Text Book

Title	McCrackens Removable Partial Prosthodontics
Author(s)	William I. McCracken et al.
Edition	13th Edition
Short Name	Ref#1
Other Information	Mosby 2000

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref#2	Removable Denture Construction	John F. Bates et al	3rd Edition	Elsevier, 1991

Instructor

Name	Dr. Zeid Al-Hourani
Office Location	Faculty of Applied Medical Sciences -Second Floor
Office Hours	Sun : 13:30 - 15:30 Tue : 12:30 - 13:30 Wed : 13:30 - 14:30 Thu : 13:30 - 15:30
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Class Schedule & Room

Section 1:

Lecture Time: Thu : 12:30 - 13:30

Room: M2202

Prerequisites

Line Number	Course Name	Prerequisite Type
512222	TDEN222 Removable Partial Prosthodontics (1)	Prerequisite / Study

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Introduction and Classification	Chapter 2, 3 From Ref#1
Week 2	Surveying and Undercuts	Chapter 2, 11 From Ref#1
Week 3	Biomechanics of Removable Partial Dentures	Chapter 4 From Ref#1
Week 4	Major and Minor Connectors	Chapter 5 From Ref#1
Week 5	Rests and Rest Seats	Chapter 6 From Ref#1
Week 6	Direct Retainers and Indirect Retainers	Chapter 7, 8 From Ref#1
Week 7	Denture Base Considerations	Chapter 9 From Ref#1
Week 8	Design of RPD framework	Chapter 10 From Ref#1
Week 9	Midterm Exam	
Weeks 10, 11	Laboratory Procedure	Chapter 15 From Ref#1
Week 12	Alternative Materials for RPDs	Chapter 25 From Ref#1
Week 13	Troubleshooting?s of RPD Fabrication	Chapter 21 From Ref#1
Week 14	Considerations for the Use of Dental Implants with RPDs	Chapter 25 From Ref#1
Week 15	Introduction to Digital workflow in RPD	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Provide the students with sufficient theoretical background to guide them while constructing cobalt-chromium Removable Partial Dentures [1L7K1]	20%	
Provide the students with practical hand-on training on equipment and materials used in the construction of these prostheses in the proper way. [1L7S2, 1L7S3]	30%	
Provide the students with practical hand-on training on the various laboratory steps involved in the fabrication of Removable Partial Dentures [1L7S3]	40%	
Stress on the importance of teamwork and communications with the dentist [1L7C3]	10%	

Relationship to NQF Outcomes (Out of 100%)			
L7K1	L7S2	L7S3	L7C3
20	15	55	10

Evaluation	
Assessment Tool	Weight
Midterm Exam	50%
Final Exam	50%

Date Printed: 2024-02-07