



Jordan University of Science and Technology
 Faculty of Applied Medical Sciences
 Department of Applied Dental Sciences
 Second Semester
 Course Syllabus

Course Information	
Course Title	PARTIAL REMOVABLE PROSTHODONTICS (1)
Course Code	TDEN222
Prerequisites	TDEN 214 or co-request
Lecture and lab. Location	
Instructor	Dr. Zeid Al-Hourani
Office Location	Faculty of Applied Medical Sciences
Office Phone #	7201000 ext. 23847
Office Hours	
E-mail	zahorani@just.edu.jo
Teaching Assistant(s)	Dental Technicians in Dental Laboratory Technology Lab.
Course Description	
<p>This is an undergraduate second year student's course, 2credit hours (1Theoretical and 1 Practical), it is designed to provide the students with:</p> <ul style="list-style-type: none"> • The basic technical knowledge needed to fabricate acrylic partial dentures. • A solid theoretical background relevant to technical and clinical aspects of constructing partial Dentures. 	

Textbook	
Title	McCracken's Removable Partial prosthodontics.
Author(s)	Alan B. Carr David T. Brown
Publisher	Mosby
Year	2010
Edition	12 th Edition
Other references	John F. Bates et al, Removable denture construction, Elsevier, 1991, 3rd Edition.

Assessment		
Assessment	Expected Due Date	Percentage
First Exam		15%
Second Exam		15%
Lab Continuous Ass.		30%
Final Exam		40% (20%T + 20%P)

Course Objectives	Percentage
Provide students with sufficient information regarding the anatomical landmarks in the denture bearing area.	20%
Provide the students with sufficient theoretical background about the clinical and technical procedures involved in constructing removable acrylic partial dentures with more concentration on the technical part.	30%
Provide students with practical hand-on training in the various steps involved in the fabrication of acrylic partial dentures.	40%
Stress on the importance of teamwork and communications with the dentist.	10%

Teaching & Learning Methods
<ul style="list-style-type: none"> • There will be a weekly lecture for 1hour, and one weekly lab for 3 hours during which a demonstration will be given for half an hour, followed by individual supervised lab sessions. • The students are expected to fabricate two transitional Partial dentures (upper and lower); including all steps, at the end of each lab the students are assessed by dental technology supervisors

Learning Outcomes	
Outcomes	Reference(s) and/or Handouts
1. Introduction & definitions	Chapter 1
2. Classification of partially edentulous areas	Chapter 3
3. Impressions & Special trays	Chapter 14
4. Components of removable acrylic partial dentures	Chapter 22
5. Surveying & block out	Chapters 10 ,22
6. First exam	-----
7. Record block & bite registration	Chapters 16 ,22
8. Selection of Artificial Teeth	Chapters 16, 17
9. Second Exam	
10. Setting of Artificial Teeth &Wax up	Chapter 17
11. Flasking & Dewaxing	Chapter 17
12. Processing Procedures	Chapter 18
13. Finishing &Polishing I	Chapter 18
14. Finishing &polishing II	Chapter 18
15. Clinical Protocol for RPD Treatment	Handouts
16. Final Exam	TBA

Useful Resources
www.ADA.org www.gdc-uk.org

Additional Notes

Attendance policy:

- Students are expected to attend more than 90% of lectures and laboratories sessions.

Expected workload:

- Students are expected to take every effort to ensure satisfactory learning of the material given

Feedback:

- 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.

Course Content Theory

Week	Date	Title of the Lecture	Lecturer
1		Introduction & definitions	Z Hourani
2		Classification of partially edentulous areas	Z Hourani
3		Impressions & Special trays	Z Hourani
4		Components of removable acrylic partial dentures	Z Hourani
5		Surveying & block out	Z Hourani
6		First exam	Z Hourani
7		Record block & bite registration	Z Hourani
8		Selection of Artificial Teeth	Z Hourani
9		Setting of Artificial Teeth & Wax up	Z Hourani
10		Second Exam	Z Hourani
11		Flasking & Dewaxing	Z Hourani
12		Processing Procedures	Z Hourani
13		Finishing & Polishing I	Z Hourani
14		Finishing & polishing II	Z Hourani
15		Clinical Protocol for RPD Treatment	Z Hourani
16	TBA	Final Exam	Z Hourani

Course Content (Practical)			
Week	Date	Topics	Chapter in Textbook (handouts)
1		Introduction & Model studying	Chapters 1, 3,11
2		Construction of Special Trays	Chapter
3		Surveying & block out	Chapters 10, 22
4		Record Block	Chapters 16, 22
5		Record block (cont.) & mounting	Chapters 16, 22
6		Making Clasps I	Chapters 6, 22
7		Making Clasps II	Chapters 16, 17
8		Setting of Artificial Teeth I	Chapters 16, 17
9		Setting of Artificial Teeth II	Chapters 16, 17
10		Wax up & Flasking	Chapter 17
11		Dewaxing , Packing & processing	Chapter 17
12		Finishing & Polishing I	Chapter 17
13		Finishing & Polishing II	Chapter 17
14		Catch up Lab	Chapters 1, 3,11
15	TBA	Final Practical Exam	TBA