



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Department of Applied Dental Sciences
Second Semester 2013/2014
Course Syllabus

Course Information	
Course Title	PARTIAL REMOVABLE PROSTHODONTICS (3)
Course Code	TDEN324
Prerequisites	TDEN 323
Course Website	elearning.just.edu.jo
Instructor	Dr. Zeid Al-Hourani
Lecture room time	
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	
The students gain more training and experience in constructing conventional removable partial dentures made out of Co-Cr alloys. • The students are encouraged to apply their previous knowledge to fabricate other forms of Co-Cr RPDs such as rotational-path of insertion RPDs. • Theoretical background relevant to the new RPDs designs is also provided through a number of seminars. • This course is an extension to both (TDEN222, TDEN311 courses).	

Textbook	
Title	Precision attachments : a link to successful restorative treatment / Gareth Jenkins ; technical contribution by John Gidden.
Author(s)	Jenkins, Gareth,
Publisher	London ; Chicago : Quintessence
Year	1999
Edition	5 th Edition
Other references	Advanced Removable Partial Denture, Brudvick James, Quintessence, 1999, 1 st Edition

Assessment		
Assessment	Expected Due Date	Percentage
Midterm theory Exam		20%
Lab. Continuous Ass.		40%
Final Exam		40% (15% Theory and 25% Practical)

Course Objectives	Percentage
To train the students to handle the equipments and materials used in the construction of these prostheses in the proper way	30%
To provide training on the various laboratory steps involved in the fabrication of Advanced Designs of removable partial dentures	70%

Teaching & Learning Methods
Each student is expected to attend eight seminars and Participate in one of them throughout the semester and two labs for 6 hours every week. Students are expected to fabricate two Advanced Designs of removable partial dentures made out of Co-Cr alloy (Rotational Path of Insertion & Swing Lock Design) including all steps. At the end of each lab the student is assessed by the course coordinator and dental technology supervisors

Learning Outcomes	
	Reference(s) Handouts
1. Review of RPDs	Handouts and seminar
2. Construction Faults	material provided
3. Selection of Artificial Teeth	Handouts and seminar
4. Rotational Path of Insertion	material provided
5. Altered Cast technique	Handouts and seminar
6. Swing lock Design	material provided
7. Precision Attachment	Handouts and seminar
8. Other Forms of RPDs	material provided

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

Additional Notes	
Attendance policy: - Students are expected to attend all 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	Chapters/handouts
1		Review of RPDs	Z Hourani	Handouts
2		Construction Faults	Z Hourani	Handouts
3		Selection of Artificial Teeth	Z Hourani	Handouts
4		Rotational Path of Insertion	Z Hourani	Handouts
5		Altered Cast technique	Z Hourani	Handouts
6		First Exam	Z Hourani	
7		Swing lock Design	Z Hourani	Handouts
8		Precision Attachment I	Z Hourani	Handouts
9		Precision Attachment II	Z Hourani	Handouts
10		Second Exam	Z Hourani	
11		Other Designs of RPD		Handouts
12		Complex Case (Partial Opposing Various Prosthesis)	Z Hourani	Handouts
13		Treatment Planning for Complex Cases	Z Hourani	Handouts
14		Other Forms of RPDs	Z Hourani	Handouts
15		Revision	Z Hourani	Handouts
16	TBA	Final Exam	Z Hourani	

Course Content (Practical)			
Week	Date	Topics	Resources
1.		Surveying & Block out (Rotational Path of Insertion)	Practical Demonstration
2.		Duplicating , Hardening & Wax up	Practical Demonstration
3.		Investing , Casting & Divesting	Practical Demonstration
4.		Fitting , Finishing & Polishing	Practical Demonstration
5.		Mounting, Setting & Processing	Practical Demonstration
6.		Finishing & Polishing	Practical Demonstration
7.		Surveying & Block out (Swing Lock Design)	Practical Demonstration
8.		Duplicating, Hardening & Wax up	Practical Demonstration
9.		Inter Semester Exam	Practical Demonstration
10.		Investing, Casting & Divesting	Practical Demonstration
11.		Fitting, Finishing & Polishing	Practical Demonstration
12.		Mounting, Setting & Processing	Practical Demonstration
13.		Finishing & Polishing	Practical Demonstration
14.		Catch up Lab	Practical Demonstration
15.	TBA	Final Exam	