



Jordan University of Science and Technology
 Faculty of Applied Medical Sciences
 Department of Applied Dental Science
 First Semester 2016/2017
 Course Syllabus

Course Information	
Course Title	Removable Partial Prosthodontics II Practical
Course Code	TDEN 323
Prerequisites	TDEN 224
Course Website	
Instructor	Dr. Zeid Al-Hourani
Office Location	Faculty Applied Medical Science
Office Phone #	02-7201000 extension 26948
Office Hours	Wednesday 12:00-16:00
E-mail	zahorani@just.edu.jo
Teaching Assistant(s)	Supervisor at Dental Technology Lab
Course Description	
<p>This is an undergraduate 3rd year students course 2 C.H practical it is designed to provide the students with :</p> <ul style="list-style-type: none"> • The Sufficient practical knowledge and skills to fabricate Removable Partial Dentures made out of Cobalt-Chromium alloy • The background relevant to technical and clinical aspects related to cobalt-chromium Removable Partial Denture 	

Textbook	
Title	McCracken's Removable Partial Prosthodontics
Author(s)	McCracken, William I. & Carr, Alan B.
Publisher	Mosby
Year	2012
Edition	12 th Edition
Book Website	
Other references	John F. Bates et al, Removable denture construction, Elsevier, 1991, 3rd Edition.

Assessment		
Assessment	Expected Due Date	Percentage
Midterm Exam	Week 8	20%
Final Exam	TBA	40%
Assignments	Continuous Assessment	40%

Course Objectives	Percentage
1. Provide the students with sufficient practical background to guide them while constructing cobalt-chromium Removable Partial Dentures.	20%
2. Provide the students with practical hand-on training on equipments and materials used in the construction of these prostheses in the proper way.	30%
3. Provide the students with practical hand-on training on the various laboratory steps involved in the fabrication of Removable Partial Dentures	40%
4. Stress on the importance of team work and communications with the dentist	10%

Teaching & Learning Methods
<ul style="list-style-type: none"> Demonstration will be given for half an hour, followed by individual supervised lab sessions. The students are expected to fabricate two Removable Partial Dentures made out of Cobalt-Chromium alloy including all steps. At the end of each lab the students are assessed by the course instructor and dental technology supervisors. <p>Teaching duration:</p> <ul style="list-style-type: none"> There will be a weekly lecture for 1 hour one weekly lab for 6 hours

Learning Outcomes: Upon successful completion of this course, students will be able to	Reference(s) Handouts
1. Understand the principles of cobalt-chromium Removable Partial Denture construction.	Chapters 2, 17 and handouts
2. Be familiar with all different materials and instruments used in various clinical and laboratory procedures.	Chapters 17 and handouts
3. Apply all the laboratory procedures during construction process of cobalt chromium removable partial dentures	Chapters 5, 6, 7, 8, 9, 17 and handouts
4. Understand the importance of communication process between dental labs and clinics	Chapters 2, 11, 18 and handouts

Course Content		
Week	Lab Content	Lecturer
1	Drawing & Surveying	Dr. Zeid
2	Block out & Relief	Dr. Zeid
3	Duplicating & Refractory Cast	Dr. Zeid
4	Hardening & Wax up 1	Dr. Zeid
5	Wax up 2	Dr. Zeid
6	Wax up 3	Dr. Zeid
7	Casting & divesting	Dr. Zeid
8	Finishing & Polishing 1	Dr. Zeid
9	Finishing & Polishing 2	Dr. Zeid
10	Finishing & Polishing 3	Dr. Zeid
11	Setting of Teeth & Wax up	Dr. Zeid
12	Flasking, Dewaxing & Packing	Dr. Zeid
13	Finishing of Acrylic	Dr. Zeid
14	Catch up lab	Dr. Zeid
15	Revision	Dr. Zeid
16	Final Practical Exam	Dr. Zeid

Additional Notes
<p><u>Attendance policy:</u></p> <ul style="list-style-type: none"> - Student is expected to attend 90% of the lectures and lab sessions and JUST policy requires the faculty member to assign ZERO grade (35) if a student misses 10% of the classes without an excuse - Sign in sheet will be distributed at the beginning of the lecture <p><u>Expected workload:</u></p> <ul style="list-style-type: none"> - The students are expected to fabricate two Removable Partial Dentures made out of Cobalt-Chromium alloy including all steps. <p><u>Feedback:</u></p> <ul style="list-style-type: none"> - Questions are welcome during lecture - Making any kind of disruption and (side-talks) will affect you negatively - Cheating during exam will result in dismissal from the exam hall and the student will be penalized according to JUST regulations