



COURSE PLAN

FIRST: BASIC INFORMATION

College					
College	: Irbid College				
Department	: Medical Department				
Course					
Course Title	: Removable Partial Dentures Practice 2				
Course Code	: 020813275				
Credit Hours	: 2 (0 Theoretical, 2 Practical)				
Prerequisite	: 020813176*				
	*Co-requisite				
Instructor					
Name	:				
Office No.	:				
Tel (Ext)	:				
Email	:				
Office Hours	:				
	Building	Day	Start Time	End Time	Room No.

Text Book	
Title	Morrow, Robert M., Rudd, Kenneth D., Rhoads, John E. Dental Laboratory Procedures Complete Dentures & Maxillofacial Procedures

References
<ol style="list-style-type: none"> 1. Zarb, George A. (and others). Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Protheses. 12th ed. St. Louis, MO: Mosby, 2004. 2. Carr, A.B., McGivney, G.P. and Brown, D.T. McCracken's Removable Partial Prosthodontics. 11th ed. Mosby, 2004. 3. Void, JD Dental laboratory technology: fixed and special prosthodontic and orthodontic appliances. Dept. of the Air Force, Headquarters US Air Force, 1999. 4. Sowter, J.B. and Barton, R.E. Removable Prosthodontic Techniques (Dental Laboratory Technology Manuals). Rev. ed. University of North Carolina Press, 1987. 5. Morrow, Robert M., Rudd, Kenneth D., Rhoads, John E. Dental Laboratory Procedures Complete Dentures & Maxillofacial Procedures.

SECOND: PROFESSIONAL INFORMATION

This course covers the practice of removable partial denture. This course provides manufacturing process for metal framework of removable partial denture.

COURSE OBJECTIVES

The objectives of this course are to enable the student to do the following:

- Design the manufacturing process for removable partial denture
- **Make** master models for the duplicate model
- **Make duplication** models for removable partial denture
- **Make** wax patterns for the manufacture of removable partial denture
- **Perform** the casting process for manufacturing a removable partial denture
- **Perform** grinding and polishing process of removable partial denture
- **Make wax denture**

COURSE LEARNING OUTCOMES

By the end of the course, the students will be able to:

- CLO1. Design the manufacturing process for removable partial denture
 CLO2. Make master models for the duplicate model
 CLO3. Make duplication models for removable partial denture
 CLO4. Make wax patterns for the manufacture of removable partial denture
 CLO5. **Perform** the casting process for manufacturing a removable partial denture
 CLO6. **Perform** grinding and polishing process of removable partial denture
 CLO7. Make wax denture

COURSE SYLLABUS

Week	Unit	Content	Related LO and Reference (Chapter)	Proposed assignments
1	Removable Partial Denture (RPD) Model Design	<ul style="list-style-type: none"> • Removable partial denture (RPD) model design method • Design and sketch on RPD model for practice 	CLO1	
2	Master Model Surveying	<ul style="list-style-type: none"> • Master model surveying method • Undercut measurement 	CLO2	
3	Master Model Block Out and Relief	<ul style="list-style-type: none"> • Block out and relief method • Using method of materials and equipment used for block out and relief 	CLO2	
4	Duplicate Model	<ul style="list-style-type: none"> • Duplicate model make method • Using method of materials and equipment used for duplicate 	CLO3	
5	Wax up	<ul style="list-style-type: none"> • Wax pattern making of RPD framework • Using method of materials and equipment used for wax pattern 	CLO4	
6	Sprue	<ul style="list-style-type: none"> • Sprue material usage method • Sprue position setting method • Sprue connection method 	CLO5	
7	Investing	<ul style="list-style-type: none"> • Investing material usage method • Investing machine use method 	CLO5	



Week	Unit	Content	Related LO and Reference (Chapter)	Proposed assignments
		• Investing method		
8	Midterm Exam			
9	Burn out	<ul style="list-style-type: none"> • Electric furnace use method • Burn out method 	CLO5	
10	Casting	<ul style="list-style-type: none"> • Method of using metal melting machine • Method of using centrifugal casting machine • Casting cooling method 	CLO5	
11	Grinding and Polishing	<ul style="list-style-type: none"> • Grinding material and machine use method • Grinding method 	CLO6	
12	Functional Model	<ul style="list-style-type: none"> • Functional Impression method • Functional model make method 	CLO7	
13	Wax Denture Base	<ul style="list-style-type: none"> • Base plant make method in functional model • Make method of wax denture base 	CLO7	
14	Artificial Tooth Arrangement	<ul style="list-style-type: none"> • Artificial tooth arrangement method 	CLO7	
15	Wax Denture	<ul style="list-style-type: none"> • Wax denture make method • Surface treatment method of wax denture 	CLO7	
16	Final Exam			

COURSE LEARNING RESOURCES

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ONLINE RESOURCES

www.mouthhealthy.org www.removpros.dentistry.dal.ca www.udemy.com
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ASSESSMANT TOOLS

grading distribution table evaluation activity



homework	5
report	5
Queses	10
mid term exam	20
Experience/Attendance/Participation	10
final exam	50
Total	100%

THIRD: COURSE RULES

ATTENDANCE RULES

Attendance and participation are extremely important, and the usual University rules will apply. Attendance will be recorded for each class. Absence of 10% will result in a first written warning. Absence of 15% of the course will result in a second warning. Absence of 20% or more will result in forfeiting the course and the student will not be permitted to attend the final examination. Should a student encounter any special circumstances (i.e. medical or personal), he/she is encouraged to discuss this with the instructor and written proof will be required to delete any absences from his/her attendance records.

GRADING SYSTEM

Example:

Grade	Points
FAILED	0-49
PASSED	50-100

REMARKS

{The instructor can add any comments and directives such as the attendance policy and topics related to ethics }

COURSE COORDINATOR

Course Coordinator:

Signature:

Date:

Department Head:

Signature:

Date: