

Republic of Yemen
Ministry of Higher Education & Scientific Research

Emirates International University



Faculty of Dentistry
Department of Prosthodontics
Doctor of Dental Surgery (DDS)

Course Specification of
Removable Prosthodontics III (clinical)
Course No (.....)



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Review committee:

Head of the Department

Quality Assurance head

Dean of Faculty



I. Course Identification and General Information:

1	Course Title:	Removable Prosthodontics III (clinical)			
2	Course Code & Number:	-----			
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		2	1	--	3
4	Study Level/ Semester at which this Course is offered:	4th Level. /1st Semester.			
5	Pre –Requisite (if any):	Removable Prosthodontics II (Preclinical)			
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery (DDS)			
8	Language of Teaching the Course:	English			
9	Study System:	Term based			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	Faculty of dentistry			
12	Prepared by:	Dr. Abbas Al-kebsi			

II. Course Description:

The students have a full understanding of the sequence of clinical procedures involved in treating completely and partially edentulous cases. The course includes a detail step by step clinical procedures and impression materials and techniques, problems and post insertion care. Different philosophies and rationales concerning patient's examination, impression making, occlusion and jaw relation will be discussed. A special interest will be given to denture insertion, post-insertion follows up and maintenance. The students should treat partially edentulous patients in addition to the completely edentulous cases.

III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs Learning out of program	
A. Knowledge and Understanding:		I, A or E	
a1	Identify the importance of history-taking and examination as pillars for good diagnosis and treatment planning		A1
a2	Demonstrate sound knowledge in the designs and choice of materials used in the production of different prosthesis, along with knowledge of laboratory procedures and how to overcome problems encountered in both the clinical and laboratory setup.		A2
a3	Demonstrate sound knowledge on the laws and ethics governing dental practice.		A3
a4	Illustrate the applications of other dental disciplines that can assist in prosthodontic treatment.		A4
B. Intellectual Skills:			
b1	Assimilate information derived from the history, examination and special investigations to produce a diagnosis then accordingly formulate the appropriate treatment plan		B1
b2	Apply critical thinking and evidence-based problem solving whenever it should be needed for patient's care		B2
b3	Assimilate information derived from the history, examination and special investigations to produce a diagnosis then accordingly formulate the appropriate treatment plan		B3

C. Professional and Practical Skills:			
c1	Register a history of the present complaint and medical history and perform an extra-oral and intra-oral examination appropriate to the case presented.		C1
c2	Apply infection control and radiation protection according to international standard		C2
c3	Diagnose and appropriately refer patients requiring complex treatment procedures to a specialist.		C3
D. Transferable Skills:			
d1	Establish communication skills that allow the effective delivery of dental treatment and to identify patient expectations, desires and attitudes.		D1
d2	Establish team work treatment.		D2

(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:		
Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
a1	Identify the importance of history-taking and examination as pillars for good diagnosis and treatment planning	Lectures Discussion Brainstorming Quizzes Midterm exam Final exam
a2	Demonstrate sound knowledge in the designs and choice of materials used in the production of different prosthesis, along with knowledge of laboratory procedures and how to overcome problems encountered in both the clinical and laboratory setup.	Lectures Discussion Brainstorming Quizzes Midterm exam Final exam
a3	Demonstrate sound knowledge on the laws and ethics governing dental	Lectures Discussion Quizzes Midterm exam

	practice.	Brainstorming	Final exam
a4	Illustrate the applications of other dental disciplines that can assist in prosthodontic treatment.	Lectures Discussion Brainstorming	Quizzes Midterm exam Final exam

(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching Strategies and Assessment Methods:

	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
b1	Assimilate information derived from the history, examination and special investigations to produce a diagnosis then accordingly formulate the appropriate treatment plan.	Lectures Training Discussion Debate	Quizzes Midterm exam Final exam Practical exam
b2	Apply critical thinking and evidence-based problem solving whenever it should be needed for patient's .	Lectures Training Discussion Debate	Quizzes Midterm exam Final exam Practical exam
b3	Identify cases that can benefit from other dental specialties intervention.	Lectures Training Discussion Debate	Quizzes Midterm exam Final exam Practical exam

(C) Alignment of Course Intended Learning Outcomes (Professional and Practical Skills) to Teaching Strategies and Assessment Methods:

	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
c1	Register a history of the present complaint and medical history and perform an extra-oral and intra-oral examination appropriate to the case presented.	Training Discussion	Semester Work Practical exam
c2	Apply infection control and radiation protection according to international	Training	Semester Work

	standard.	Discussion	Practical exam
c3	Diagnose and appropriately refer patients requiring complex treatment procedures to a specialist	Training Discussion	Semester Work Practical exam
(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:			
	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
d1	Establish communication skills that allow the effective delivery of dental treatment and to identify patient expectations, desires and attitudes.	Training Discussion Brainstorming	Semester Work Practical exam
d2	Establish team work treatment.	Training Discussion Brainstorming	Semester Work Practical exam

IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Introduction	Introduction to clinical course for complete denture (CD)	1	1	a1, a2, a3, b1, b2
2	Examination	– Diagnosis and treatment planning for CD	2	2	a3, a4, b1, b2, b3
3	Complete denture	– impression (Primary impression).	1	1	a3, a4, b1, b2, b3
4	Theories	– Final Impression and clinical impression technique for CD.	2	2	a1, a2, a3, b1, b2

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
6	Midterm Exam	Written Exam and MCQs	1	1	a1,-a4, b1-b3
7	Recording Maxillo-mandibular relations for CD	Occlusal plane orientation, determination of vertical dimension, mounting upper cast by maxillary face bow record	1	1	a1, a2, a3, b1, b2
8	Recording Maxillo-mandibular relations for CD	Horizontal jaw relation records, Eccentric relation record for CD	1	1	a1, a2, a3, b1, b2
9	Selection of artificial teeth for completely edentulous patients	Selection of artificial teeth for completely edentulous patients	1	1	a1, a2, a3, b1, b2
10	Complete denture	Complete denture occlusion Complete denture try-in of the trial denture Complete denture insertion (Maintenance and servicing) Post insertion care for CD (relining, rebasing)	4	4	a1, a2, a3, b1, b2
11	Revision		1	1	a1,-a4, b1-b3
12	Final Theoretical Exam	Written Exam and MCQs	1	1	a1,-a4, b1-b3
Number of Weeks /and Units Per Semester			16	16	

B. Case Studies and Practical Aspect:				
No.	Tasks/ Experiments	Week Due	Contact Hours	Learning Outcomes (CILOs)
1	Two Cases: full complete Dentures (Upper and Lower) [In one case of the complete dentures, all the clinical and laboratory procedures should be done by the student himself]. One Case: A single Cr-Co partial Denture. One Case: A single Acrylic (temporary) partial Denture.	Week 1 to week 14	42	b1, b2,b3, c1, c2, c3, d1, d2
2	Final-Practical Exam	15 th	3	b1, b2,b3, c1, c2, c3, d1, d2
Number of Weeks /and Units Per Semester		15	45	

V. Teaching Strategies of the Course:

- Lectures
- Debate
- Training
- Discussion
- Brainstorming

VI. Assessment Methods of the Course:

- Quizzes
- Midterm exam
- Final exam
- Practical exam
- Semester Work
- Assignments



VII. Assignments:				
No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Clinical Requirements	Week 1 to week 14	25	b1, b2,b3, c1, c2, c3, d1, d2
Total			25	

VIII. Schedule of Assessment Tasks for Students During the Semester:					
No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Midterm Exam	7 th	10	10%	a1,-a4, b1-b3
2	Quizzes	11 th	10	10%	a1,-a4, b1-b3
3	Assignments	Week 1 to week 14	25	25%	b1, b2,b3, c1, c2, c3, d1, d2
4	Practical Exam	15 th	15	15%	b1, b2,b3, c1, c2, c3, d1, d2
5	Final Exam	16 th	40	40%	a1,-a4, b1-b3
Total			100	100%	

IX. Learning Resources:
1- Required Textbook(s) (maximum two):
1. Book of department, 2011: Clinical Complete denture, 2nd ed., Egypt, Cairo university press.
2- Zarb GA, Bolender CL, Eckert S, Jacob R, Fenton A and Merisk-Stern R., 2003: Prosthodontic treatment for edentulous patients: Complete dentures and implant-supported prostheses, 12th Ed., C.V Mosby.
2- Essential References:
1- The Academy Prosthodontics; The Glossary of Prosthodontics terms 8th Ed. J. Prosthet .Dent 94; 10-85, Jul 2005.
2- Winkler, Sheldon, 1988: Essentials of complete denture prosthodontics, 2nd ed, Saunders Co.

3- Electronic Materials and Web Sites etc.:

Websites:

- 1- Jaypee digital books
www.jaypeedigital.com
- 2- Springer Link
<https://link.springer.com/>
- 3- Quintessence
<http://www.quintpub.com/index.php>

X. Course Policies: (Based on the Uniform Students' By law (2007))

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.



Faculty of Dentistry
Department of Prosthodontics
Program of Doctor of Dental Surgery (DDS)

Course Plan (Syllabus) of
Removable Prosthodontics III (clinical)
Course No. (.....)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:	Abbas M. Al-kebsi	Office Hours					
Location & Telephone No.:	+967773888121						
E-mail:	Abbas_alkebsi@yahoo.com	SAT	SUN	MON	TUE	WED	THU



II. Course Identification and General Information:

1	Course Title:	Removable Prosthodontics III (clinical)			
2	Course Code & Number:	-----			
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		2	1	--	3
4	Study Level/ Semester at which this Course is offered:	4th Level. /1st Semester.			
5	Pre –Requisite (if any):	Removable Prosthodontics II (Preclinical)			
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery (DDS)			
8	Language of Teaching the Course:	English			
9	Study System:	Term based			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	Faculty of dentistry			
12	Prepared by:	Dr. Abbas Al-kebsi			

III. Course Description:

The students have a full understanding of the sequence of clinical procedures involved in treating completely and partially edentulous cases. The course includes a detail step by step clinical procedures and impression materials and techniques, problems and post insertion care. Different philosophies and rationales concerning patient's examination, impression making, occlusion and jaw relation will be discussed. A special interest will be given to denture insertion, post-insertion follows up and maintenance. The students should treat partially edentulous patients in addition to the completely edentulous cases.

IV. Course Intended Learning Outcomes (CILOs) :

Upon successful completion of the Course, student will be able to:

A. Knowledge and Understanding:	
a1	Identify the importance of history-taking and examination as pillars for good diagnosis and treatment planning
a2	Demonstrate sound knowledge in the designs and choice of materials used in the production of different prosthesis, along with knowledge of laboratory procedures and how to overcome problems encountered in both the clinical and laboratory setup.
a3	Demonstrate sound knowledge on the laws and ethics governing dental practice.
a4	Illustrate the applications of other dental disciplines that can assist in prosthodontic treatment.
B. Intellectual Skills:	
b1	Assimilate information derived from the history, examination and special investigations to produce a diagnosis then accordingly formulate the appropriate treatment plan
b2	Apply critical thinking and evidence-based problem solving whenever it should be needed for patient's care
b3	Assimilate information derived from the history, examination and special investigations to produce a diagnosis then accordingly formulate the appropriate treatment plan
C. Professional and Practical Skills:	
c1	Register a history of the present complaint and medical history and perform an extra-oral and intra-oral examination appropriate to the case presented.
c2	Apply infection control and radiation protection according to international standard
c3	Diagnose and appropriately refer patients requiring complex treatment procedures to a specialist.
D. Transferable Skills:	
d1	Establish communication skills that allow the effective delivery of dental treatment and to identify patient expectations, desires and attitudes.
d2	Establish team work treatment.

V. Course Contents:

A. Theoretical Aspect:



No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
1	Introduction	Introduction to clinical course for complete denture (CD)	1	1
2	Examination	– Diagnosis and treatment planning for CD	2	2
3	Complete denture	– impression (Primary impression).	1	1
4	Theories	– Final Impression and clinical impression technique for CD.	2	2
6	Midterm Exam	Written Exam and MCQs	1	1
7	Recording Maxillo-mandibular relations for CD	Occlusal plane orientation, determination of vertical dimension, mounting upper cast by maxillary face bow record	1	1
8	Recording Maxillo-mandibular relations for CD	Horizontal jaw relation records, Eccentric relation record for CD	1	1
9	Selection of artificial teeth for completely edentulous patients	Selection of artificial teeth for completely edentulous patients	1	1
10	Complete denture	Complete denture occlusion Complete denture try-in of the trial denture Complete denture insertion (Maintenance and servicing) Post insertion care for CD (relining, rebasing)	4	4
11	Revision		1	1
12	Final Theoretical Exam	Written Exam and MCQs	1	1
Number of Weeks /and Units Per Semester			16	16

B. Case Studies and Practical Aspect:			
No.	Tasks/ Experiments	Week Due	Contact Hours
1	Two Cases: full complete Dentures (Upper and Lower) [In one case of the complete dentures, all the clinical and laboratory procedures should be done by the student himself]. One Case: A single Cr-Co partial Denture. One Case: A single Acrylic (temporary) partial Denture.	Week 1 to week 14	42
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VI. Teaching Strategies of the Course:

- Lectures
- Debate
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- Discussion
- Brainstorming

VII. Assessment Methods of the Course:

- Quizzes
- Midterm exam
- Final exam
- Practical exam
- Semester Work
- Assignments

VIII. Assignments:

No.	Assignments	Week Due	Mark
1	Clinical Requirements	Week 1 to week 14	25
Total			

IX. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Midterm Exam	7 th	10	10%
2	Quizzes	11 th	10	10%
3	Assignments	Week 1 to week 14	25	25%
4	Practical Exam	15 th	15	15%
5	Final Exam	16 th	40	40%
Total			100	100%

X. Learning Resources:

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- 1- 2- Zarb GA, Bolender CL, Eckert S, Jacob R, Fenton A and Merisk-Stern R., 2003: Prosthodontic treatment for edentulous patients: Complete dentures and implant-supported prostheses, 12th Ed., C.V Mosby.

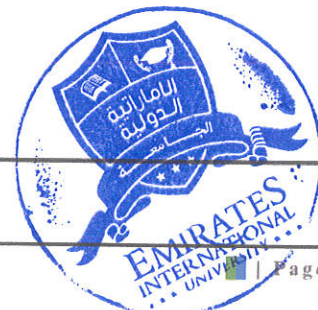
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- 1- Jaypee digital books
www.jaypeedigital.com
- 2- Springer Link
<https://link.springer.com/>
- 3- Quintessence



<http://www.quintpub.com/index.php>

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