

1	Course title	Removable Prosthodontics theory (3)
2	Course number	1304543
3	Credit hours (theory, practical)	One credit hour (theory)
	Contact hours (theory, practical)	One hour/week
4	Prerequisites/corequisites	Removable Prosthodontics Didactic (1) and Didactic (2)
5	Program title	Doctor of Dental Surgery (DDS)
6	Program code	NA
7	Awarding institution	The University of Jordan
8	Faculty	Faculty of Dentistry
9	Department	Prosthodontics
10	Level of course	Bachelor
11	Year of study and semester (s)	Fifth year first and second semesters 20220/2023
12	Final Qualification	DDS
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	

#### 16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Dr.Nadia Ereifej , email address: [nadia.ereifej@ju.edu.jo](mailto:nadia.ereifej@ju.edu.jo)

#### 17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Prof Kifah Jamani, [kifah@ju.edu.jo](mailto:kifah@ju.edu.jo)  
 Dr. Salah AlOmoush, [dr\\_omoush@ju.edu.jo](mailto:dr_omoush@ju.edu.jo)  
 Dr. Nadia Ereifej, [nadia.ereifej@ju.edu.jo](mailto:nadia.ereifej@ju.edu.jo)  
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## 18. Course Description:

*This course discusses problems and management of post-insertion complaints of the Prosthodontic patients. The course explores the special cases requiring removable prosthesis and proposes solutions and modified techniques and appliances. It pays special attention to those various techniques conditioned by the existing anatomical structures and socioeconomic factors. The course also discusses the interaction of Prosthodontics with other dental sciences and specialties with emphasis on T.M.J dysfunction and Implantology.*

## 19. Course aims and outcomes:

### A- Aims:

The main aim of this theoretical course is to prepare final year students to be dental practitioners who can prove objectively that they possess the adequate level of knowledge they need to treat patients who require different types of removable prosthetic reconstructions.

### B- Intended Learning Outcomes (ILOs):

- 1.To know the advanced treatment modalities in removable prosthodontics and understand the need and indications for it.
2. Be more oriented and able to tackle the problem solving issues and the more sophisticated prosthodontic treatment.
3. Gain more competency in formulation of the most appropriate treatment plan. Identifying patient's problems and rendering a diagnosis requires insight to a patient's social and medico dental background.
4. Be more familiar with the anatomy of the denture bearing areas in the mandible and maxilla and how to overcome anatomical obstacles to prosthodontic treatment such as utilizing different impression techniques according to the individual case.
5. Be more familiar with the principles and theories of impression for conventional and non-conventional complete and partial dentures.
6. Be more familiar with required jaw relationships for combination cases of completely and

partially edentulous arches.

7. Become more familiar with the variety of occlusal schemes used in complete dentures and be able to choose the most suitable scheme for each case.

8. Become familiar with tissue conditioning materials and indications as well as soft and hard relines and relining and rebasing procedures.

9. Gain more advanced knowledge on the management of problems and complication of the removable prosthesis and become familiar with follow up and maintenance procedures and protocols.

10. Become familiar with denture duplication procedures

11. Display an understanding of the current concepts in Implant Prosthodontics.

12. Gain more advanced knowledge regarding the functions, shape, form and location of different components of RPD.

13. Become familiar with maxillofacial prostheses

14. Have better understanding of the principles RPD design.

15. Be able to render comprehensive treatment and care and communicate with colleagues

from

different specialties to get to the most appropriate treatment plan.

16. Become better at authorizing work to dental technicians.

## 20. Topic Outline and Schedule:

1.

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Impression techniques in Removable Prosthodontics	1	Dr. AlManaseer	5	22 (A, C)	25 (A,2)
overview of removable partial denture designs	2	Dr. Salim	1, 2, 12	22 (B, C)	25 (B,1)
Occlusal considerations in Prosthodontics	3, 4	Prof. Omiri	7	22 (A, C)	Articles provided by the lecturer
Acrylic RPDs	5	Dr. Motasum	1-3	22 (B, C)	25 (B,6)
<b>Overdentures and attachment</b>	6,7	Dr. AlOmoush		22 (C)	25 (A,2, 3)

Complete Denture Duplication	8	Dr. Bustani	1-3,10	22 (B, C)	25 (A,3)
<b>Relining and rebasing</b>	9	Dr. Bustani	1-3,10	22 (B, C)	25 (A,3)
immediate replacement complete denture	10	Dr. Bustani	1-5	22 (A, C)	25 (A, 4)
Single Complete Denture opposed by natural dentitions	11	Dr. Abu-Awad	1-3	22 (B, C)	25 (B,6)
Shortened dental arch concept	12	Dr. Abu-Awad	1-3	22 (B, C)	25 (B,6)
Treatment outcomes of complete dentures and removable partial dentures	13	Dr. Manseer	9	22 (C)	Articles provided by the lecturer
Biometric approach for Complete Denture design	14	Dr. Ahmad Mahmoud	1-3	22 (B,C)	25 (A,5)
Oral implantology	15, 16, 17,	Dr. Alomoush	1, 2, 11	22 (C)	25 (A,7) and handout
Oral implantology	18,19	Dr. Abu Awwad	1, 2, 11	22 (C)	25 (A,7) and handout
Surveyed crowns fabrication on principal abutments of RPDs	20	Prof. Osama	1, 2, 9,12	22 (C)	25 (B,1)
Periodontal considerations in RPD design	21	Dr. Abu Awwad	14	22 (C)	25 (A,8)
Maxillofacial prosthetics	22,23	Prof. Jamani	1, 2, 13	22 (C)	25 (A,8)
digital dentistry in prosthodontics	24	Dr. Samiha	12	22 (C)	25 (B,1)
Alternative treatment for complete dentures	25	Dr. Ereifij	1, 2,6	22 (B, C)	25 (B,6)
Review of removable prosthodontics	26,27,28	Dr. Abu Awwad	14	22 (C)	25 (B,1)

## 21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

- Class lectures, handouts and presentations are designed to achieve the course objectives
- The acquired skills and knowledge during this course will prepare the student for working on real patients and their models
- The students are responsible of the material covered during the course
- Any difficulty or concern during the course should be passed to the instructors and course coordinator immediately.

Duration: 28 lectures , 1 per week during the first and second semesters

Lectures/Practical Sessions: 1 lecture per week (a total of 28 hours).

## 22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Exams' Format: Theory exams are likely to be in the form of MCQs. However; they might be in other forms including projects, assignments, quizzes and viva.

Graded exams: MCQs will be computer based and the answers will be discussed in the class.

Make up Exams: It is applicable when an acceptable and valid excuse is presented at the applicable time.

Dates: According to Registration Unit and the Examination committees.

Quizzes and Participation form portion of the assessment

- A) First exam : During the first semester 25%
- B) Second exam: During the second semester 25%
- C) Final exam at the end of the academic year 50% : 40% written exam , 10% VIVA

## 23. Course Policies:

A- Attendance policies:

- Attendance is mandatory for all lecture.

- UJ regulations will be applied when you exceed 10% of an excused absence.
- Course drop date is according the UJ regulations.
- Cooperation and professionalism during the lecture time are very helpful and encouraged to facilitate your progress in the course.

B- Absences from exams and handing in assignments on time:

Uj regulations regarding absence from exams will be applied.

C- Health and safety procedures:

D- Honesty policy regarding cheating, plagiarism, misbehavior:

Cheating:

- It is unethical and illegal by any means
- UJ regulations will be applicable
- The work should be your own, otherwise it will be scored zero.

E- Grading policy:

First exam : During the first semester 25%

Second exam: During the second semester 25%

Final exam at the end of the academic year 50% : 40% Written Exam , 10% VIVA

F- Available university services that support achievement in the course:

Lectures are uploaded through E-learning prior to the lecture to facilitate following the lecture easily.

## 24. Required equipment:

NA

## 25. References:

Recommended books, materials, and media:

Textbooks:

A) Complete Denture Prosthodontics:

- 1• Essentials of Complete Denture Prosthodontics by Sheldon Winkler (1994)
- 2• Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prosthesis by George A. Zarb, Charles L. Bolender, Steven E. Eckert, and Aaron H. Fenton (2003)

- 3• Prosthetic Treatment of the Edentulous Patient, 4th Edition. RM Basker and JC Davenport; 2002, Blackwell Munksgaard Publishers
- 4• The Complete Denture: A Clinical Pathway. Michael MacEntee; 1999. Quintessence Publishing Co, Inc
- 5• Clinical dental Prosthetics, 4th edition. Roy MacGregor
- 6• Complete denture Prosthetics, 3rd Edition. RJ Neill and RI Nairn; 1990
- 7. Atlas of oral implantology. Cranin, Mosby 2<sup>nd</sup> edition. (2) dental implants, A guide for the general practitioner. Norton, Quintessence publishing Co.
- 8.Clinical Maxillofacial Prosthetics, Thomas D. Taylor

B) Partial Denture prosthodontics:

- 1• McCracken's Removable Partial Prosthodontics (Carr, McCracken's Removable Partial Prosthodontics) by Alan B. Carr, Glen P. McGivney, David T. Brown. Elsevier, 2005, 11th ed.
- 2• A color Atlas of Removable Partial Dentures by Basker R.M., Heath J.R., Ralph, J.P. Wolfe Medical Publications Ltd, 1988.
- 3• Stewart's Clinical Removable Partial Prosthodontics by Rodney D. Phoenix, David R. Cagna, Charles F. Defreest. Quintessence Publishing (IL); 4 edition (October 2008)
- 4• Dental Laboratory Procedures. Removable Partial Dentures, Volume 3 (v. 3) (Hardcover) by Kenneth D. Rudd, Robert M. Morrow, Harold F. Eissmann
- 5• Removable Partial Denture Design. Outline Syllabus.5th edition Krol et al: 1999
- 6. Fundamentals of Removable Prosthodontics; : Dean L. Johnson, Russell Stratton. Quintessence Publishing Co., Inc.

Handouts: According to the lecturer

**26. Additional information:**

Name of Course Coordinator: -----Signature: ----- Date: -----

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:  
 Head of Department  
 Assistant Dean for Quality Assurance  
 Course File

