



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Allied Dental Sciences Department

ADS351 Periodotics (1) - JNQF Level: 7

First Semester 2023-2024

Course Catalog

1 Credit Hours. This course is designed to provide basic knowledge in periodontology to the dental hygiene students. This is the first course in periodontology for student hygienists. This course aims at giving dental hygiene students detailed knowledge of the structure and function of the periodontium, etiology, epidemiology and pathogenesis of periodontal diseases. It also provides basic information on the most common forms of periodontal diseases (their diagnostic features and treatment plan). Also, this course will provide the student with evidence based lectures about the relation of periodontal health with other medical conditions.

Text Book

Title	Carranza Clinical Periodontology
Author(s)	Michael G. Newman, Henry H. Takei, Fermin A. Carranza; Sanders W.B
Edition	10th Edition
Short Name	Ref #1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref #2	Foundations of Periodontics for the Dental Hygienist	Nield- Gehrig and Willman	4th Edition	
Ref #3	Dental Hygiene Theory and Practice	Darby M and Walsh M.	3rd Edition	

Instructor

Name	Dr. sabha alshatrat
Office Location	AMS L-2

Office Hours	Sun : 08:00 - 11:00 Mon : 08:00 - 08:30 Wed : 08:00 - 11:00 Thu : 08:00 - 11:00
Email	smalshatrat@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon : 11:30 - 12:30 Room: M1301

Prerequisites		
Line Number	Course Name	Prerequisite Type
522111	ADS211 Oral Histology	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to the course and the role of periodontology in dental hygiene	From Ref #1 , From Ref #2 , From Ref #3
Week 2	Tooth ?Supporting Structures Tissues of the periodontium: (Gingiva)	From Ref #1 , From Ref #2 , From Ref #3
Week 3	Tooth ?Supporting Structures Tissues of the periodontium: (Cementum)	From Ref #1 , From Ref #2 , From Ref #3
Week 4	Tooth ?Supporting Structures Tissues of the periodontium: (Periodontal Ligament	From Ref #1 , From Ref #2 , From Ref #3

Week 5	Tooth ?Supporting Structures Tissues of the periodontium: (Alveolar bone	From Ref #1 , From Ref #3
Week 6	Microscopic Anatomy of the periodontium Histology of the Gingiva Histology of root cementum Histology of Alveolar bone	From Ref #1 , From Ref #3
Week 7	Overview of disease of the periodontium: (The periodontium in health)	From Ref #1
Week 8	Overview of disease of the periodontium: (Gingivitis)	From Ref #1 , From Ref #3
Week 9	Overview of disease of the periodontium: (periodontitis)	From Ref #1 , From Ref #3
Week 10	Pathogenesis of bone destruction Periodontal pockets Theories of disease progression Epidemiology of the disease of periodontium	From Ref #1 , From Ref #2 , From Ref #3
Week 11	Classification of periodontal diseases and conditions According to AAP: Disease of gingiva-Part1	From Ref #1 , From Ref #2 , From Ref #3
Week 12	Classification of periodontal diseases and conditions According to AAP:	From Ref #1 , From Ref #2 , From Ref #3
Week 13	Classification of periodontal diseases and conditions According to AAP: Disease of periodontitis Part 1	From Ref #1 , From Ref #2 , From Ref #3

Weeks 14, 15	Classification of periodontal diseases and conditions According to AAP: Disease of periodontitis part 2	From Ref #1, From Ref #2, From Ref #3
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Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Define and discuss the tissues that surround and support teeth and attaches them to jawbone [10PLO 1] [2L7K1, 3L7S1, 2L7S2, 3L7S3]	10%	
Demonstrate appropriate knowledge about the three basic states of the periodontium [10PLO 1] [10L7K1]	10%	
Identify and discuss the classification of periodontal diseases and conditions [30PLO 1] [7L7K1, 10L7S1, 7L7S2, 6L7S3]	30%	
Perform components of periodontal assessment to differentiate between the three basic states of the periodontium and interpret the results [30PLO 1] [15L7K1, 15L7S2]	30%	
Apply the American Academy of periodontology periodontal disease classification [20PLO 1] [10L7K1, 5L7S1, 5L7S2]	20%	

Relationship to Program Student Outcomes (Out of 100%)									
PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10
100									

Relationship to NQF Outcomes (Out of 100%)			
L7K1	L7S1	L7S2	L7S3
44	18	29	9

Policy	
Statement on Professionalism	Professional behavior is expected of students at all times. Attitude and professional behavior are a minimum criterion for passing this class. Examples of unprofessional behavior include but are not limited to: missing classes, tardiness, lack of attention for a speaker, talking to others during lecture, leaving a lecture prior to its completion without prior authorization of the instructor, working on other class material during class, and sleeping during class.
Make-up Exam	Make-up exams is entitled for students who miss the exam with accepted legal or medical excuse endorsed by the instructor within 24 hours after the scheduled exam (Please review university regulation for more details)
Attendance	No points will be count for points attendance of this class, however attending the lectures will greatly enhance your grade. The student is responsible for any information discussed in lecture sessions. It is imperative to attend all classes!

absence	University regulations will be applied. Students are not allowed to be absent for more than 20% of lectures for any reason or excuse. If a student exceeds the absence limit, he or she will not be allowed to sit for future course exams. (Please review university regulation for more details)
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Date Printed: 2024-02-07