



Jordan University of Science and Technology
Faculty of Dentistry
Dental Surgery Department

DENT201 Dental Anatomy And Occlusion - JNQF Level: 7

First Semester 2023-2024

Course Catalog

3 Credit Hours. This is one of the courses provided by the Department of Oral Medicine and Surgery for undergraduate 2nd-year dental students during the first semester. The course has two components, lectures and corresponding practical training in dental laboratories. The lecture topics cover detailed dental macroscopic anatomy and the basic principles of dental occlusion. Generally, each lecture covers one class of permanent teeth and there is a separate lecture for deciduous teeth. The first two lectures present the dental notation systems and dental terminology. The last two lectures cover the chronology of tooth development and the fundamentals of dental occlusion. The practical sessions of Dent 201 focus on reinforcing the details covered in the lectures by carving different teeth out of wax blocks. Practical sessions focus on enhancing the manual skills of 2nd-year dental students in preparation for operative/conservative pre-clinical labs. The sessions also include practicing different dental notation systems, and tooth identification.

Text Book

Title	Woelfel's Dental Anatomy
Author(s)	Rickne C. Scheid and Gabriela Weiss
Edition	9th Edition
Short Name	Woelfel's
Other Information	

Instructor

Name	Dr. Melanie Alazzam
Office Location	D1L0
Office Hours	
Email	mfalazzam@just.edu.jo

Class Schedule & Room

Section 2:
 Lecture Time: Tue : 13:30 - 14:30
 Room: مدرج الفاروق

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Introduction & notation systems Dental morphological terminology	Chapter 1 + Lecture handouts From Woelfel's
Week 2	Permanent maxillary incisors	Chapter 2,8 + Lecture handouts From Woelfel's
Week 3	Permanent mandibular incisors	Chapter 2,8 + Lecture handouts From Woelfel's
Week 4	Permanent canines	Chapter 3,8 + Lecture handouts From Woelfel's
Week 5	Maxillary premolars	Chapter 4,8 + Lecture handouts From Woelfel's
Week 6	Mandibular premolars	Chapter 4,8 + Lecture handouts From Woelfel's
Week 8	Permanent maxillary molars	Chapter 5,8 + Lecture handouts From Woelfel's
Week 9	Permanent mandibular molars	Chapter 5,8 + Lecture handouts From Woelfel's
Week 10	Deciduous dentition	Chapter 6,8 + Lecture handouts From Woelfel's
Weeks 11, 12	Chronology of tooth development and eruption	Chapter 6 From Woelfel's
Weeks 13, 14	Occlusion	Chapter 9 From Woelfel's

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Use dental and periodontal terminology properly when describing primary/ permanent teeth and the associated periodontium. [11.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	2%	Midterm, Final
Describe the general and pulp morphology of primary and permanent teeth. [11.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	27%	Midterm, Final
Recognize the chronology and sequence of eruption of primary and permanent teeth. [11.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	2%	Final
Recognize the general concepts related to occlusion and the occlusal relationships of primary and permanent dentitions. [11.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	2%	Final

Identify primary and permanent teeth using the different dental notation systems. [11.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	33%	Midterm, Final
Reproduce accurate morphological features with proper inter/intra arch relationships of selected teeth of the permanent dentition. [11.3 Scientific Knowledge and Cognitive Skills] [1L7K1, 1L7S2]	34%	Midterm, Final

Relationship to Program Student Outcomes (Out of 100%)

1.1 Scientific Knowledge and Cognitive Skills	1.2 Scientific Knowledge and Cognitive Skills	1.3 Scientific Knowledge and Cognitive Skills	1.4 Scientific Knowledge and Cognitive Skills	1.5 Scientific Knowledge and Cognitive Skills	1.6 Scientific Knowledge and Cognitive Skills	1.7 Scientific Knowledge and Cognitive Skills	2.1 Person Centered Care	2.2 Person Centered Care	2.3 Person Centered Care	2.4 Person Centered Care	3.1 Responsibility, Communication, Professionalism and Ethics	3.2 Responsibility, Communication, Professionalism and Ethics	3.3 Responsibility, Communication, Professionalism and Ethics
	66	34											

Relationship to NQF Outcomes (Out of 100%)

L7K1	L7S2
83	17

Evaluation

Assessment Tool	Weight
Midterm	40%
Final	60%

Course Policies

Exams	All exams are closed book (online / in lab format). Midterm exam includes questions on the theory part of the course. The practical online exam includes questions on different figures, Students MUST bring a proof of their excuse and present it to the deanship within 48 hours of the exam date. Please refer to university regulations to know who is eligible to sit for incc http://www.just.edu.jo/aboutjust/RegulationsTemp/42%20%D9%86%D8%B8%D8%A7%D9%85%20%D9%85%D9%86%D8%AD%20%D8%A7%D9%84%D8%AF%D8%B1%D8
Cheating	Prohibited; In case of cheating the student will be subjected to punishment according to university regulations. Please refer to university regulations to understand the penalties implerr http://www.just.edu.jo/aboutjust/RegulationsTemp/38%20%D9%86%D8%B8%D8%A7%D9%85%20%D8%AA%D8%A3%D8%AF%D9%8A%D8%A8%20%D8%A7%D9%84%D8
Attendance	According to university regulations students are required to attend all lectures and lab sessions. However, if extremely unexpected circumstances prevent the student from attending, s http://www.just.edu.jo/aboutjust/RegulationsTemp/42%20%D9%86%D8%B8%D8%A7%D9%85%20%D9%85%D9%86%D8%AD%20%D8%A7%D9%84%D8%AF%D8%B1%D8
Participation	Participation is highly encouraged during lectures and lab sessions.
Student-Lab Supervisor Relationship	Students MUST respect lab supervisors and abide by their instructions. Relationships with lab supervisors must remain formal as long as the student is registered in the course. If any http://www.just.edu.jo/aboutjust/RegulationsTemp/38%20%D9%86%D8%B8%D8%A7%D9%85%20%D8%AA%D8%A3%D8%AF%D9%8A%D8%A8%20%D8%A7%D9%84%D8
Reporting Problems	Any student who faces a problem or a difficulty in this course, MUST report this to the course coordinator as soon as possible so that issues can be solved or followed up. The student
Course Withdrawal	2nd year dental students are NOT allowed to withdraw from the course. 1st year dental students can withdraw from the course with refund till a specified date (check university calenda