



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

DENT201 Dental Anatomy And Occlusion Lab
First Semester 2023-2024

Course Catalog
0 Credit Hours. 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 also focus on enhancing manual skills of 2nd year dental students in preparation to operative/conservative pre-clinical labs. The sessions also include practicing on dental notation, occlusion as well as skills of tooth identification.

Text Book	
Title	Dental Anatomy and Occlusion Lab Manual
Author(s)	Melanie Alazzam, Ashraf Shaweesh
Edition	1st Edition
Short Name	Ref 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref 2	Dental Anatomy Lab Videos	Melanie Alazzam, Mohammad Alazoubi, Mais Jarar	1st Edition	

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

Class Schedule & Room
<p>Section 1: Lecture Time: Sun : 08:30 - 12:30 Room: U</p> <p>Section 2: Lecture Time: Mon : 08:30 - 12:30 Room: U</p> <p>Section 3: Lecture Time: Tue : 08:30 - 12:30 Room: U</p> <p>Section 4: Lecture Time: Wed : 08:30 - 12:30 Room: U</p> <p>Section 5: Lecture Time: Thu : 08:30 - 12:30 Room: U</p>

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Dental Anatomy lab guidelines, introduction to wax up instruments, wax up exercise (cones, connecting cones)	From Ref 1 , From Ref 2
Weeks 2, 3	Max Central Incisor Wax up	From Ref 1 , From Ref 2
Weeks 4, 5	Max Canine Wax up	From Ref 1 , From Ref 2
Weeks 6, 7, 8	Max First Premolar Wax up	From Ref 1 , From Ref 2
Weeks 9, 10, 11	Max First Molar Wax Up	From Ref 1 , From Ref 2

Weeks 12, 13	Mand First Molar Wax Up	From Ref 1, From Ref 2
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Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
List the instruments needed for the wax up technique.	2%	
Build cones, connect cones, draw outlines, fill shapes.	6%	
Describe the characteristic anatomic landmarks of the maxillary central incisor.	6%	
Describe the importance of having a proper proximal contact.	6%	
Explain the process of checking proper occlusal relationships between the max central incisor and the opposing tooth	7%	
Describe the characteristic anatomic landmarks of the maxillary canine.	6%	
Explain the process of checking proper occlusal relationships between the max canine and the opposing tooth.	7%	
Explain the process of checking proper occlusal relationships between the max canine and the opposing tooth.	7%	
Describe the characteristic anatomic landmarks of the maxillary first premolar.	6%	
Display the skill of building marginal ridges, triangular and transverse ridge, carving grooves.	7%	
Explain the process of checking proper occlusal relationships between the maxillary 1st premolar and the opposing tooth.	7%	
Describe the characteristic anatomic landmarks of the maxillary first molar.	6%	
Display the skill of building marginal ridges, triangular and transverse, oblique ridge, carving grooves and fossae.	7%	
Explain the process of checking proper occlusal relationships between the maxillary 1st molar and the opposing tooth.	7%	
Describe the characteristic anatomic landmarks of the mandibular first molar.	6%	
Explain the process of checking proper occlusal relationships between the mandibular 1st molar and the opposing tooth.	7%	

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 Knowlege and Cognitive Skillsledge	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

Evaluation	
Assessment Tool	Weight
Lab Quizzes	15%
Wax Up Tasks	50%
Drawing, Labeling, Measured Drawing	35%

