



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

TDEN353 Maxillofacial Prosthodontics (1) Practical - JNQF Level: 7

First Semester 2023-2024

Course Catalog

1 Credit Hours. This is an undergraduate third year dental technology students with one credit practical hours. It is designed to provide the students with the technical and laboratory techniques to fabricate intraoral maxillofacial prostheses; mainly maxillofacial obturators and arch bars

Teaching Method: On Campus

Text Book

Title	The Art of Clinical Anaplastology
Author(s)	Keith Thomas
Edition	2nd Edition
Short Name	Reference 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Reference 2	Maxillofacial trauma and esthetic facial reconstruction	Ward Booth, Barry L. Eppley, Rainer Schmelzeisen	2nd Edition	

Instructor

Name	Dr. Muhanad Hatamleh
Office Location	-
Office Hours	Sun : 10:00 - 11:30 Sun : 12:30 - 14:00 Mon : 09:30 - 13:00 Tue : 10:00 - 14:00 Thu : 10:00 - 12:00

Email	mmhatamleh5@just.edu.jo
-------	-------------------------

Class Schedule & Room
<p>Section 1: Lecture Time: Wed : 10:00 - 13:00 Room: تكنولوجيا الاسنان</p> <p>Section 2: Lecture Time: Wed : 14:00 - 17:00 Room: مختبر صناعة الأسنان</p>

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3	Introduction & demo of interim obturator	From Reference 1
Weeks 4, 5, 6	Introduction and demo to silicone glove obturator	From Reference 1
Weeks 7, 8, 9	Midfacial Trauma Management- Upper and Lower Arch Bars	From Reference 2
Weeks 10, 11	3D technologies in managing maxillofacial trauma + FABLAB visit	From Reference 2
Weeks 12, 13	Revision and Wrap up	
Weeks 14, 15	Final Exam	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Provide students with basic knowledge about the internal maxillofacial science and how to relate them to designing maxillofacial prostheses [1PLO 6] [1L7K1]	25%	
Provide students with basic practical hand-on training in the various steps involved in the fabrication of the intra-oral prostheses mainly obturators [1PLO 1, 1PLO 2] [1L7S2]	25%	
Provide students with sufficient practical knowledge about the various steps involved in fabrication of the different types of appliances used in managing maxillary and mandibular fractures, namely arch bars [1PLO 1] [1L7C1]	25%	
Provide students with basic practical hand-on training of digital technologies integration in managing maxillofacial defects [1PLO 2, 1PLO 3] [1L7S3]	25%	

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
37.5	25	12.5			25				

Relationship to NQF Outcomes (Out of 100%)			
L7K1	L7S2	L7S3	L7C1
25	25	25	25

Date Printed: 2024-03-07