



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

DENT420 Comprehensive Dental Care I - JNQF Level: 7

Summer Semester 2022-2023

**Course Catalog**

5 Credit Hours. The course is designed to provide students with more knowledge of the clinical aspects of comprehensive diagnosis and treatment. The decisive role of the clinician comes into play in the thorough examination and analysis of a patient's intraoral and facial conditions, as well as the body as a whole. Review of all the gathered data will allow a better understanding of how forces are incorporated in the patient's overall dental health. It covers the following areas: diagnosis in comprehensive dentistry, forces affecting the stomatognathic system and their control, inflammation control and establishment of maintainable periodontal tissue, and prosthetic treatment and improvement of the oral environment.

**Text Book**

<b>Title</b>	Comprehensive Dentistry
<b>Author(s)</b>	M. Tsutsui, T. Tsutsui
<b>Edition</b>	1st Edition
<b>Short Name</b>	Ref 1
<b>Other Information</b>	Quintessence Publishing Ltd., 2008

**Instructor**

<b>Name</b>	Prof. Rima Safadi
<b>Office Location</b>	-
<b>Office Hours</b>	
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**Class Schedule & Room**

Section 1: Lecture Time: Sun : 09:00 - 14:00 Room: U
Section 2: Lecture Time: Mon : 09:00 - 14:00 Room: U
Section 3: Lecture Time: Tue : 09:00 - 14:00 Room: U
Section 4: Lecture Time: Wed : 09:00 - 14:00 Room: U
Section 5: Lecture Time: U : 09:00 - 14:00 Room: U
Section 6: Lecture Time: Sun : 09:00 - 14:00 Room: U
Section 7: Lecture Time: Mon : 09:00 - 14:00 Room: U
Section 8: Lecture Time: Tue : 09:00 - 14:00 Room: U
Section 9: Lecture Time: Wed : 09:00 - 14:00 Room: U
Section 10: Lecture Time: U : 09:00 - 14:00 Room: U
Section 11: Lecture Time: Sun : 09:00 - 14:00 Room: U
Section 12: Lecture Time: Mon : 09:00 - 14:00 Room: U
Section 13: Lecture Time: Tue : 09:00 - 14:00 Room: U
Section 14: Lecture Time: Wed : 09:00 - 14:00 Room: U
Section 15: Lecture Time: U : 09:00 - 14:00 Room: U
Section 16: Lecture Time: Sun : 09:00 - 14:00 Room: U
Section 17: Lecture Time: Mon : 09:00 - 14:00 Room: U
Section 18: Lecture Time: Tue : 09:00 - 14:00 Room: U
Section 19: Lecture Time: Wed : 09:00 - 14:00 Room: U
Section 20: Lecture Time: U : 09:00 - 14:00 Room: U

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7, 8	Students who participate in the Comprehensive Dentistry program will perform all phases of dentistry. Phases include, but are not limited to: Emergency treatment (extraction, drain abscess, first step for root canal treatment). Periodontal Therapy. Oral Surgery. Operative dentistry. Root canal therapy (re-treatment referred to Post-grad unless supervisor evaluate the case and authorized re- treatment in the Undergrad clinic).	From Ref 1

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Demonstrate an advanced understanding of comprehensive dental care principles, encompassing the latest scientific advancements in materials, technologies, and techniques. [1001.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	10%	
Apply scientific knowledge to the comprehensive assessment and treatment planning of full mouth rehabilitation cases. [1001.3 Scientific Knowledge and Cognitive Skills] [1L7K1, 1L7S2]	10%	
Develop the ability to tailor restorative dental care plans to individual patient needs and preferences, fostering a patient-centered approach. [1002.1 Person Centered Care] [1L7S3, 1L7C4]	5%	
Communicate effectively with patients to ensure understanding, collaboration, and informed decision-making throughout the comprehensive dental care process. [1002.2 Person Centered Care] [1L7S3]	5%	
Exhibit ethical behavior and professionalism in restorative dental practice, adhering to ethical guidelines and codes of conduct. [1003.1 Responsibility, Communication, Professionalism and Ethics] [1L7C4]	10%	
Recognize and address the social impact of restorative dental interventions, considering factors such as cultural diversity, accessibility, and affordability of treatments. [1003.4 Responsibility, Communication, Professionalism and Ethics] [1L7C2]	10%	
Apply critical thinking skills to analyze complex restorative dental cases, integrating evidence-based practices into decision-making for full mouth rehabilitation. [1004.3 Critical Thinking, Problem Solving and Evidence-Based Practice] [1L7S1, 1L7C2, 1L7C3]	10%	
Demonstrate proficiency in problem-solving related to challenges in comprehensive dental care, considering both clinical and patient-centered perspectives. [1004.2 Critical Thinking, Problem Solving and Evidence-Based Practice] [1L7S3, 1L7C1]	10%	
Promote oral health within the community by incorporating preventive measures and patient education into comprehensive dental care plans. [1005.1 Health Promotion and Community Oral Health] [1L7K1, 1L7S1]	10%	
Understand and address the broader public health implications of restorative dental interventions, contributing to community oral health promotion. [1005.2 Health Promotion and Community Oral Health] [1L7C1, 1L7C3]	10%	
Cultivate a commitment to lifelong learning in restorative dentistry, staying updated on emerging technologies, materials, and techniques relevant to comprehensive dental care. [1006.1 Sustained Dental Practice and Lifelong Learning] [1L7S1]	5%	
Develop the skills necessary for sustained dental practice, including time management, adaptability, and resilience in addressing evolving challenges in comprehensive dental care. [1006.2 Sustained Dental Practice and Lifelong Learning] [1L7S1, 1L7C4]	5%	

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
		10				10	5	5			10		

Relationship to NQF Outcomes (Out of 100%)							
L7K1	L7S1	L7S2	L7S3	L7C1	L7C2	L7C3	L7C4
20	15.83	5	12.5	10	13.33	8.33	15

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