



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

DENT412 Preventive Dentistry - JNQF Level: 7
Second Semester 2022-2023

Course Catalog
2 Credit Hours. This course is designed to bring students to the current knowledge in the prevention of dental diseases. It will examine the public health methods for the prevention and control of dental caries, periodontal disease, dental trauma, malocclusion, and oral mucosal lesions. This course will also provide instruction on the prevention of social inequality, preventing a disability, oral health promotion, and restricting the use of tobacco.

Text Book	
Title	Dentistry, Dental Practice, and the Community
Author(s)	Burt and Eklund
Edition	6th Edition
Short Name	Burt
Other Information	Elsevier Saunders 2005

Course References

Short name	Book name	Author(s)	Edition	Other Information
Murray	The prevention of oral disease	Murray, John J. Nunn, June H. Steele, J. G. (James George)	4th Edition	Oxford; New York: Oxford University Press 2003

Instructor	
Name	Prof. Abed Al-Hadi Hamasha
Office Location	Dental Teaching Center
Office Hours	
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Class Schedule & Room
Section 1: Lecture Time: Sun : 18:00 - 20:00 Room: U

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to Course	Handouts From Burt
Week 2	Introduction to preventive dentistry, The concept of prevention, levels of prevention	Handouts From Burt
Week 3	Prevention of dental caries by diet control	Burt 28 From Burt
Week 4	Sugar substitutes and Plaque Control	Burt 28 From Burt
Week 5	Fluoride: human health and caries prevention	Burt 24 From Burt
Week 6	Fluoridation of drinking water	Burt 25 From Burt
Week 7	Other Uses of Fluoride in caries prevention	Burt 26 From Burt
Week 8	Prevention of periodontal disease	Murray 8 From Murray
Week 9	Prevention of dental trauma	Murray 9 From Murray
Week 10	Prevention of malocclusion	Murray 10 From Murray
Week 11	Prevention of oral mucous diseases and oral cancer	Murray 11 From Murray
Week 16	Prevention of social inequality in oral health	Murray 14 From Murray
Week 13	Preventing a disability	Murray 13 From Murray
Week 14	Oral Health Promotion	Burt 5 From Burt , Murray 15 From Murray
Week 15	Restricting the use of Tobacco	Burt 30 From Burt

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Describe the concept and levels of prevention concerning dentistry [11.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	9%	
Describe the concept and methods of diet and plaque control [11.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	9%	
Explain the concept of fluoride concerning human health and caries prevention [11.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	18%	
Explain the concept and methods of prevention of periodontal disease, dental trauma, malocclusion and oral mucosal diseases including oral cancer [11.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	36%	
Explain the concept and methods of preventing social inequality and disability [11.1 Scientific Knowledge and Cognitive Skills] [1L7K1]	9%	
Recognize the concept of oral health promotion [15.1 Health Promotion and Community Oral Health] [1L7K1, 1L7S1]	9%	
Recognize the concept and methods of restricting the use of tobacco [15.1 Health Promotion and Community Oral Health] [1L7K1, 1L7S1]	10%	

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-Centred Care	2.2 Person-Centred Care	2.3 Person-Centred Care	2.4 Person-Centred Care	3.1 Responsibility, Communication, Professionalism and Ethics	3.2 Responsibility, Communication, Professionalism and Ethics	3.3 Responsibility, Communication, Professionalism and Ethics
9						72							

Relationship to NQF Outcomes (Out of 100%)	
L7K1	L7S1
90.5	9.5

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