



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

DENT311 Basic Infection Control Measures
First Semester 2023-2024

<b>Course Catalog</b>
1 Credit Hours. The aim of this course is to teach dental students the principles of cross infection control and establish the culture of safety. The course aims also at providing students with the basics of safe dental practice that integrates the principles of evidence-based infections control. It will be given as a synchronous online course...

<b>Text Book</b>	
<b>Title</b>	Australian Dental Association Guidelines for Infection Control 2021
<b>Author(s)</b>	Australian Dental Association
<b>Edition</b>	4th Edition
<b>Short Name</b>	ADA guidelines
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
CDC guidelines	Summary of Infection Prevention Practices in Dental Settings (Center for Disease Control and Prevention(CDC)) 2016	Center for Disease Control	3rd Edition	

<b>Instructor</b>	
Name	Dr. Lana Bader
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Office Hours	
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<b>Class Schedule &amp; Room</b>	
Section 1: Lecture Time: Sun : 18:00 - 19:00 Room: متزامن الحضور منصة الكترونية	

<b>Tentative List of Topics Covered</b>		
Weeks	Topic	References
Week 1	Introduction to the course	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>
Week 2	Standard Precautions1	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>
Week 3	Standard Precautions2	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>
Week 4	Infection Control Strategies within the Contaminated Zone 1	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>
Week 5	Infection Control Strategies within the Contaminated Zone 2	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>
Week 6	Instrument Reprocessing 1: Cleaning and Sterilisation	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>
Week 7	Midterm exam	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>
Week 8	Instrument Reprocessing 2: Disinfection Procedures & Solutions	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>
Week 9	Immunization	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>
Week 10	Incidents, Surveillance and Documentation	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>

Week 11	Infectious Diseases, Allergies and Transmission-based Precautions	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>
Week 12	Special Areas: Dental Radiology, Photography, Lab. Special Equipment.	From <b>ADA guidelines</b> , From <b>CDC guidelines</b>

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Define infection chain and infection control, and describe universal precautions [103.3 Responsibility, Communication, Professionalism and Ethics]	10%	Midterm exam, Final exam
Describe most current infection control recommendations to establish an effective, practical infection control program [103.3 Responsibility, Communication, Professionalism and Ethics]	10%	Midterm exam, Final exam
Identify proper instrument cleaning and sterilization techniques [103.3 Responsibility, Communication, Professionalism and Ethics]	10%	Midterm exam, Final exam
Describe various disinfection agents [103.3 Responsibility, Communication, Professionalism and Ethics]	10%	Final exam
List steps to be taken following an exposure to the blood of a patient. [103.3 Responsibility, Communication, Professionalism and Ethics]	10%	Final exam
Interpret solutions proposed for infection control regarding contaminated zones and proper management [103.3 Responsibility, Communication, Professionalism and Ethics]	10%	Midterm exam, Final exam
Solve problems arising in the dental environment related to infection control [103.3 Responsibility, Communication, Professionalism and Ethics]	10%	Midterm exam, Final exam
Differentiate between sterilization and disinfection procedures [103.3 Responsibility, Communication, Professionalism and Ethics]	10%	Final exam
Recognize the importance of immunization and vaccination for dental team [103.3 Responsibility, Communication, Professionalism and Ethics]	10%	Final exam
Describe how to sterilize and disinfect special areas and dental equipments [103.3 Responsibility, Communication, Professionalism and Ethics]	10%	Final exam

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 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, Communicatic Professionalis and Ethics	
														100

Evaluation	
Assessment Tool	Weight
Midterm exam	50%
Final exam	50%

Policy	
Exams	All exams are closed book and notes. The final exam is comprehensive (covers all the material). Incomplete exams are applicable when an acceptable and valid excuse is presented at the applicable time
Cheating is Prohibited	Prohibited; and in case of cheating the student will be subject to punishment according to the University?s regulations
Attendance	is mandatory for all sessions students will get a zero grade for assessment in that session in case of unexcused absence
Participation	Lecture and exam attendance is mandatory and participation is encouraged
Withdraw	University regulations apply
Notes	Students should come prepared with the pre-uploaded study material  Students MUST follow professional conduct and infection control measures. Violations will result in marks deduction of the daily assignment.

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