

DLA 1209- Infection Control Online Lecture Syllabus

Fall 2022 (1st 8-weeks)

Lecture: TIME TBD
 DAY TBD
 ROOM Online

Instructor: Mrs. Heather Seghi Email: heather_seghi@ivcc.edu

Office Hours: Monday- 12:00am-2:00pm
 Tuesday- 11:00pm-1:00pm
 Wednesday 12:40pm-2:40pm
 Thursday No office hours
 Friday No office hours

*Available by appointment/zoom*Also available by appointment or zoom request.

*Syllabus is subject to change

* Homework, including outlines, quizzes, and worksheets are to be submitted via blackboard by the due date.

*All readings and assignments, unless otherwise noted, are from Infection Control, Miller, 6 or 7th edition

DATE	LECTURE TOPIC	LEARNING OBJ.	CODA Standard	READING ASSIGNMENT	WORK DUE
Module 1: PREVENTION OF DISEASE TRANSMISSION					
8/15/22 WEEK 1	Infectious Diseases <i>Modes of Transmission</i> <i>Patient Safety</i> <i>Occupational Risk</i>	1.1, 1.2, 1.3, 2.1, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8	DA 2-8e DA 2-12 DA 2-13c DA 2-18d	IC: Chapter 3	Dental Care Assignment 165334 Due 8/22
	Review Medical Histories for transmissible diseases Hand Hygiene <i>Product types</i> <i>Skin/nail care</i> <i>Techniques</i> <i>Protocols</i>	9.1, 9.2, 10.1, 10.2, 10.3, 10.4, 10.5	DH 5-1 DH 2-8d DH 2-8b	IC: Chapter 6 IC: Chapter 11	
8/22/22 WEEK 2	Use of Personal Protective Equipment (PPE)	2.2, 2.3, 2.4, 2.5	DA 2-12 DA 2-13c	IC: Chapter 12	Exam 1 Due 8/28

	<p><i>Select appropriate PPE</i> <i>Prepare PPE for reuse</i> <i>Don and doff techniques and sequence</i> <i>Patient safety precautions</i> <i>Dispose of contaminated PPE</i></p> <p>Minimize Contact with Aerosols, Droplets, and Spatter Using: <i>Barriers</i> <i>Dental Dams</i> <i>Evacuation</i></p>	3.1, 3.2	<p>DA 2-18d</p> <p>DH 5-1 DH 2-8d DH 2-8b</p>	IC: Chapter 16	
Module 2: PREVENTION OF CROSS-CONTAMINATION					
8/29/22 WEEK 3	<p>Clean and Disinfect Treatment Areas Prepare and Use Chemical Disinfectants Use of Surface Barriers Prepare Tray Set-Ups Maintain and Monitor Dental Unit Water Lines</p>	3.1, 3.2, 3.3, 3.4, 3.6, 4.1, 4.2,	<p>DA 2-8e DA 2-12 DA 2-13c DA 2-18d</p> <p>DH 5-1 DH 2-8d DH 2-8b</p>	IC: Chapter 14 IC: Chapter 15	Dental Care Assignment 165335 Due 9/4
9/5/22 WEEK 4	<p>Clean and Maintain Evacuation Lines and Traps Clean and Disinfect Equipment Disinfect Impressions and Dental Appliances Dispose of Biohazardous and Other Waste</p>	4.1, 4.3, 5.1, 5.2, 5.3, 5.4, 6.1, 6.2, 6.3	<p>DA 2-8e DA 2-12 DA 2-13c DA 2-18d</p> <p>DH 5-1 DH 2-8d DH 2-8b</p>	IC: Chapter 17 IC: Chapter 18	Exam 2 Due 9/11 Research Paper: Rough Draft (with writing center form) Due 9/11
Module 3: PROCESS INSTRUMENTS AND DEVICES					
9/12/22 WEEK 5	<p>Process Instruments and Devices, including: <i>Transport contaminated instruments/devices</i> <i>Follow workflow patterns</i> <i>Prepare and use chemical agents</i> <i>Select the system for sterilization</i></p>	3.5, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.2, 5.3, 5.4	<p>DA 2-8e DA 2-12 DA 2-13c DA 2-18d</p> <p>DH 5-1 DH 2-8d</p>	IC: Chapter 13, page 113-135	Dental Care Assignment 165332 Due 9/18

	<i>Package and label for sterilization</i> <i>Load and unload the sterilizer</i> <i>Store and maintain sterility</i>		DH 2-8b		
9/19/22 WEEK 6	Monitor and Maintain Processing Equipment (Sterilizers, Ultrasonic Cleaner) <i>Select the system for sterilization monitoring</i> <i>Interpret results from sterilization monitoring devices</i> <i>Respond to equipment malfunctions</i>	4.6	DA 2-8e DA 2-12 DA 2-13c DA 2-18d DH 5-1 DH 2-8d DH 2-8b	IC: Chapter 13, page 135-140	Exam 3 Due 9/25
Module 4: OCCUPATIONAL SSAFETY AND ADMINISTRATION PROTOCOLS					
9/26/22 WEEK 7	OSHA Bloodborne Pathogens Standard as it applies to: <i>Engineering and work practice controls</i> <i>Needle and sharps safety</i> <i>Sharps exposure and post-exposure protocols</i> <i>Record keeping and training</i> OSHA Hazard Communication Standard as it applies to: <i>Chemical exposure/hazard and first aid</i> <i>Engineering and work practice controls</i> <i>Safety data sheets (SDS)</i> <i>Secondary containers</i>	1.4, 1.5, 1.6, 7.1, 7.2, 7.3, 7.4 7.5, 7.6, 7.7	DA 2-8e DA 2-12 DA 2-13c DA 2-18d DH 5-1 DH 2-8d DH 2-8b	IC: Chapter 8 IC: Chapter 19 IC : Chapter 20 IC: Chapter 24	Dental Care Assignment 165333 Due 10/2 Research Paper: Final Draft (with writing center form) Due 10/2
10/3/22 WEEK 8	CDC Guidelines Federal Regulations (e.g., EPA FDA) Maintain and Document Programs and Policies for Infection Prevention Control and Safety Including: <i>Exposure control plan</i> <i>Infection control breaches</i> <i>Quality assurance (quality improvement)</i> <i>Sterilization logs/records</i> <i>Training records</i>	7.1, 7.2, 7.3 10.1, 10.2, 10.3, 10.4, 10.5	DA 2-8e DA 2-12 DA 2-13c DA 2-18d DH 5-1 DH 2-8d DH 2-8b	IC: Chapter 26 IC: Chapter 27	Exam 4 Due 10/5 Final Exam Due 10/9

Textbook and Study Materials

1. Centers for Disease Control and Prevention (CDC). www.cdc.gov
 - Guidelines for Infection Control in Dental Health-Care Settings — 2003. MMWR 2003;52(No. RR-17).
 - Summary of Infection Prevention Practices in Dental Settings: Basic Expectations for Safe Care. Atlanta, GA: Centers for Disease Control and Prevention, US Department of Health and Human Services; October 2016
2. Miller, Chris. Infection Control and Management of Hazardous Materials for the Dental Team. 7th ed. Mosby, 2022.
3. U.S. Department of Labor, Occupational Safety and Health Administration (OSHA).
 - Bloodborne Pathogens (1910.1030). www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1030
 - Hazard Communication (1910.1200). www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1200
4. Infection Control and Management of Hazardous Materials for the Dental Team, 7th Edition, Chris H. Miller
5. DANB [ICE Exam Blueprint](#)
 - DALE Foundation. www.dalefoundation.org.
 - DANB ICE Review
 - DANB ICE Practice Test
 - General Aspects of Instrument Processing
 - CDEA module: Understanding CDC's Summary of Infection Prevention Practice in Dental Settings:
 - Basic Expectations for Safe Care
6. American Dental Assistants Association (ADAA). www.dentalassistant.org.
 - Guidelines for Infection Control in Dental Health Care Settings (#1305)
 - Hand Hygiene for the Dental Professional (#1413)
 - Infection Control in the Dental Office: A Review for a National Infection Control Exam (#0906)
 - Instrument Composition, Care and Maintenance (#1701)
 - Personal Protective Equipment (PPE): Basics for Dental Assistants (#1103)
7. Centers for Disease Control and Prevention (CDC). www.cdc.gov.
 - Interim Infection Prevention and Control Recommendations for Healthcare Personnel During the
 - Coronavirus Disease 2019 (COVID-19) Pandemic
 - www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control-recommendations.html
8. Organization for Safety and Asepsis (OSAP). www.osap.org.
 - From Policy to Practice: OSAP's Guide to the Guidelines
 - OSAP's OSHA & CDC Guidelines: Interact Training System
 - OSAP and the DALE Foundation. osap.org, dalefoundation.org, dentalinfectionprevention.org
 - OSAP-DALE Foundation Dental Infection Prevention and Control eHandbook
9. Phinney, Donna J. and Judy H. Halstead. Dental Assisting: A Comprehensive Approach. 6th ed.

Cengage, 2022.

10. U.S. Department of Labor, Occupational Safety and Health Administration (OSHA).

www.osha.gov.

- OSHA Quickcards
- www.osha.gov/Publications/HazComm_QuickCard_Pictogram.htm

Instructor Policies

Please feel free to ask questions regarding the content in class or by contacting me outside of class time. For assignment and testing questions I will not give you the answer, however I will guide you to finding the correct answer.

I will have the most current copy of the syllabus available on blackboard, as well as my faculty webpage. Please check periodically for changes in due dates or exam dates. I will notify you of any changes during scheduled class hours.

Grading

All grades will be posted on blackboard. Please log into the course regularly so you can stay notified to any missing assignments or quizzes.

The contents of following categories are calculated equally, and will be explained in more detail later in this document.

(4) Continuing Education Assignments: 20%

(1) Project: Research Paper: 20%

(4) Exams: 25%

(1) Final Exam: 35%

Email

I will only open emails from an IVCC email address. Please feel free to contact me with any questions or concerns. You can expect a response to your email within 24 hours Monday – Thursday and 48 hours Friday – Sunday. There are times I will provide advanced notice, which I will be out of internet availability. Please remember during these times I will still be reachable by cell phone.

While you are in class

While you are in class I expect you to treat the instructor and fellow students with respect. Please leave your cell phones off and in your purse or school bag. Texting is not allowed in class, whether reading or typing. If you need to use your phone please leave the classroom to do so. Sleeping, talking, or any other activity that the instructor feels is disrupting the learning process will not be tolerated and you will be asked to leave class. If you are asked to leave class it will be counted as an unexcused absence for the day.

If campus is closed or class is canceled

If IVCC closes the campus or cancels our classes, we will still have the course material available. Please log into blackboard (direct link: ivcc.blackboard.com) or check your email. Homework will be required

to be posted on blackboard at the time of the original class. I will also have course materials for you to review. You are responsible for the posted material. You will be required to complete all posted assignments/discussions and you are responsible for it at the next class meeting. I will be viewing the discussion boards to answer questions at the designated class time and at a posted time that evening.

Continuing Education Assignments

Continuing education assignments through dentalcare.com are due by the due date listed for each. The assignment code given to you in blackboard **MUST BE USED** when taking the course to receive credit. If the assignment is not completed by the due date, it will not be accepted. **Continuing education assignments account for 10% of your final grade.**

Exams

There will be 4 hourly exams. All hourly exams will be weighted and total 35% of your grade.

All exams are taken online through blackboard. You have access to take the exam at any time during the week. There will be 10% deducted from your exam grade each day it is late. All exams must be passed with a 70% or higher.

Quizzes

There are 4 announced blackboard quizzes of varying lengths to ensure you comprehend the material given during each lecture. There will be two attempts for each quiz. **Quizzes will account for 25% of your final grade.**

Research Paper

The research paper will be 20% of your overall grade. You will turn in a rough draft (5%) and a final draft with cover page and reference page (15%).

You will be required to conduct a research paper on an important issue in Infection Control in the Dental office. I have given some examples, but you are able to conduct research on anything related to infection control in the dental setting. It is to be 3-5 pages, not including a cover page and references. The paper is to be written in APA 7th format. You will be required to meet with a member of the writing center at least twice, once for the rough draft, and once for the final draft. You are able to use the writing center resources as many times you would like (after the required two).

Potential Paper Topics:

1. Immunizations for the Healthcare Provider
2. The Corona Virus in Dentistry
3. Dental Unit Water Asepsis
4. OSHA
5. Health Administration Bloodborne Pathogens Standard

Disability Statement

If you are a student with a documented cognitive (learning disability), physical or psychiatric disability (anxiety, depression, bipolar disorder, AD/HD, post-traumatic stress, and others) you may be eligible for academic support services such as extended test time, texts in audio format, note taking services,

etc... If you are interested in learning if you can receive these academic support services, please contact Tina Hardy (tina_hardy@ivcc.edu, or 224-0284), or stop by the Disability Services Office in C-211.