Unit 1: Infection Control and Infectious Diseases in Dental Healthcare Settings

Chapter 1: Key Concepts in Infection Control
- Lesson 1.1: Introduction to Infection Control
  - Discuss the relationship between healthcare delivery and the potential for disease transmission
  - Identify 4 basic principles of infection control
- Lesson 1.2: Recommendations and Regulations
  - Describe recommendations and regulations applicable to dental healthcare settings

Chapter 2: Transmission and Prevention of Infectious Diseases in Dental Healthcare
- Lesson 2.1: Microbiology
  - Identify the process of disease transmission
  - Describe factors associated with the likelihood of infection
- Lesson 2.2: Chain of Infection and Standard Precautions
  - Describe the chain of infection
  - Identify precautions used to reduce the risk for exposure to infection
  - Discuss the dental healthcare setting infection control plan
- Lesson 2.3: Antibiotic Resistance and Stewardship
  - Describe antibiotic resistance
  - Define antibiotic stewardship and identify national measures to prevent antibiotic resistance

Chapter 3: Infectious Diseases of Concern in Dental Healthcare Settings
- Lesson 3.1: Bloodborne Pathogens
  - Identify and describe diseases associated with bloodborne pathogens
  - Describe the components of an exposure control plan for occupational exposures
- Lesson 3.2: Airborne, Droplet, and Contact Pathogens
  - Identify and describe diseases associated with airborne pathogens
  - Identify and describe diseases associated with droplet pathogens
  - Identify and describe diseases associated with contact pathogens
- Lesson 3.3: Waterborne Pathogens
  - Identify and describe waterborne pathogens of concern associated with dental unit waterlines
- Lesson 3.4: Other Pathogens of Concern
  - Identify and describe other pathogens of concern in dental healthcare settings
Unit 2: Elements of Infection Control in Everyday Practice

Chapter 4: Infection Control Practices in Dental Healthcare Settings
- Lesson 4.1: Hand Hygiene
  - Identify when to perform hand hygiene
  - Identify factors that should be considered when choosing hand hygiene products
  - Discuss appropriate hand hygiene technique
- Lesson 4.2: Respiratory Hygiene and Cough Etiquette
  - Describe the importance of respiratory hygiene and cough etiquette
  - Identify CDC recommendations for respiratory hygiene and cough etiquette
- Lesson 4.3: Personal Protective equipment
  - Identify the types of PPE used in dental healthcare settings
  - Describe the process of donning and removing PPE
  - Discuss types of dermatitis and allergic reaction in dental healthcare settings
  - List ways to keep hands healthy
- Lesson 4.4: Safety Topics
  - Describe the importance of a safety culture in dental healthcare settings
  - Identify appropriate techniques of preventing sharps injuries
  - Identify the purpose of the Needlestick Safety and Prevention Act
  - Discuss recommendations for safe injection practices

Chapter 5: Sterilization and Disinfection of Patient-Care Items
- Lesson 5.1: Instrument Processing
  - Identify how patient-care items are categorized based on their risk of transmitting a disease
  - Describe the steps used in instrument processing
  - Identify why dental handpieces require special consideration for reprocessing
  - Discuss how single-use devices are used in dental healthcare settings

Chapter 6: Environmental Infection Control
- Lesson 6.1: Surfaces and Contamination Management
  - Describe infection control procedures for clinical and housekeeping surfaces
  - Discuss the steps of contamination management
  - Identify requirements for chemical safety records
- Lesson 6.2: Waste Management
  - Identify types of medical waste generated in dental healthcare settings
  - Describe how regulated medical waste is managed
  - Discuss how blood and body fluids are disposed
  - Describe how records are kept for dental waste
Chapter 7: Dental Waterlines, Biofilm, and Water Quality
- Lesson 7.1: Dental Waterlines
  - Discuss the role of biofilm in dental waterlines
  - Identify infection control strategies for using water in dental healthcare settings
  - Describe processes for maintaining and monitoring dental water quality

Chapter 8: Special Considerations
- Lesson 8.1: Special Considerations
  - Describe infection control practices for saliva ejectors, dental radiology, pre-procedural mouth rinses, and the dental laboratory

UNIT 3: Infection Control Policies and Procedures at the Facility Level

Chapter 9: Elements of an Infection Control Program
- Lesson 9.1: Program Implementation, Evaluation, and Compliance
  - Describe elements needed to implement an infection control program
  - Identify the importance of and methods for evaluating an infection control program

- Lesson 9.2: Policies, Procedures, and Recordkeeping
  - Describe different types of written reports in dental healthcare settings