



South Central College

DA 1813 Preclinical DA

Common Course Outline

Course Information

Description	Pre-Clinical Dental Assisting is designed to provide fundamental knowledge of microbiology and infection control measures. Emphasis will be placed on personal protection, risk management, sterilization, chemical disinfection, environment surface and equipment aseptic techniques. The student will develop the skills necessary to apply the techniques gained within the course to all clinical and laboratory courses. Standard precautions will be utilized throughout the entire curriculum, within all courses which apply. (Prerequisites: COMM 140; PHIL 100 or 150; HLTH 1950; HLTH 1952; Co-requisite: DA 1814)
Total Credits	2
Total Hours	32

Types of Instruction

Instruction Type	Credits/Hours
Lecture	2/32

Pre/Corequisites

Prerequisite	PHIL 100 or PHIL 150
Prerequisite	COMM 140
Corequisite	DA 1814
Prerequisite	HLTH 1950
Prerequisite	HLTH 1952

Institutional Core Competencies

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Competencies

1. Define aseptic technique

Learning Objectives

- Utilize barrier technique
- Identify and utilize personal protective equipment (PPE)
- Define asepsis and the environment

2. Utilize sterilization/disinfection methods

Learning Objectives

Define sterilization and disinfection
Perform sterilization and disinfection process
Employ instrument processing in clinical settings
Define biological monitoring

3. Explain microbiology of common diseases

Learning Objectives

Define infectious disease
Explain infectious disease process
Identify disease prevention
Explain risk factors/prevention for healthcare workers

4. Identify blood-borne pathogens

Learning Objectives

Define blood-borne pathogens
Define blood-borne disease transmissions
Identify risk factors of blood-borne diseases
Utilize exposure control measures/protocols

5. Define guidelines and regulations

Learning Objectives

Identify Center for Disease Control (CDC), Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA) guidelines
Define waste management methods
Utilize Safety Data Sheets (SDS)
Demonstrate safety protocol in clinical setting

6. Describe record keeping and standards

Learning Objectives

Define legal issues and prevention
Explain blood-borne pathogens records
Define team concept with record keeping
Utilize risk management and prevention in clinical settings