SECTION HEADING

DEN 1130: Preclinical Dental Assisting

Description

Preclinical Dental Assisting allows the students to recognize microorganisms, how they live, cause disease, spread disease and how humans protect themselves from microorganisms. Special emphasis will be placed on microorganisms that are most dangerous to health care workers. The course will also include infection control and hazardous materials principles and regulations. Additionally, the course will assist the student in understanding pharmacology as it relates to dental procedures. The students will also be prepared to recognize and assist with medical emergencies that may occur in the dental office.

Credits

4

Prerequisite

ENGL 0090 or placement by multiple measures

Topics to be Covered

1. Microbiology

2. Disease transmission

3. Immunity

4. Diseases of concern in the dental office

5. Infection Control

6. OSHA regulations

7. Ergonomics

8. Vital signs

9. Medical emergencies

10. Pharmacology

Learning Outcomes

1. Identify specific microorganisms that are of particular concern to health care workers.

2. Identify potential sources and routes of disease transmission.

3. Describe the body's immune response to infection.

4. Explain the characteristics of hazardous wastes and its safe handling, storage, and disposal.

5. Demonstrate proper hand hygiene.

6. Demonstrate PPE placement and removal.

7. Demonstrate infection control principles.

8. Demonstrate appropriate ergonomic principles.

9. Take and interpret vital signs.

10. Recognize and respond to medical emergencies.

11. Describe the principles of pharmacology as they relate to dentistry.

Credit Details

Lecture: 3

Lab: 1

OJT: 0