

MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

COURSE OUTLINE

DEPT. DEN

COURSE NUMBER: 1130

NUMBER OF CREDITS: 4

Lecture: 3 Lab: 1 OJT 0

Course Title:

Preclinical Dental Assisting

Catalog 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.

Prerequisites or Necessary Entry Skills/Knowledge:

Prerequisite: ENGL 0090 or placement by multiple measures.

FULFILLS MN TRANSFER CURRICULUM AREA(S) (*Leave blank if not applicable*)

- ☐ Goal 1: Communication: By meeting the following competencies:
- ☐ Goal 2: Critical Thinking: By meeting the following competencies:
- ☐ Goal 3: Natural Sciences: By meeting the following competencies:
- ☐ Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:
- ☐ Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:
- ☐ Goal 6: The Humanities and Fine Arts: By meeting the following competencies:
- ☐ Goal 7: Human Diversity: By meeting the following competencies:
- ☐ Goal 8: Global Perspective: By meeting the following competencies:
- ☐ Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:
- ☐ Goal 10: People and the Environment: By meeting the following competencies:

Topics to be Covered

Microbiology

Disease transmission

Immunity

Diseases of concern in the dental office

Infection Control

OSHA regulations

Ergonomics
Vital signs
Medical emergencies
Pharmacology

Student Learning Outcome	
Identify specific microorganisms that are of particular concern to health care workers.	
Identify potential sources and routes of disease transmission.	
Describe the body's immune response to infection.	
Explain the characteristics of hazardous wastes and its safe handling, storage, and disposal.	
Demonstrate proper hand hygiene.	
Demonstrate PPE placement and removal.	
Demonstrate infection control principles.	
Demonstrate appropriate ergonomic principles.	
Take and interpret vital signs.	
Recognize and respond to medical emergencies.	
Describe the principles of pharmacology as they relate to dentistry.	

Is this course part of a transfer pathway: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<i>*If yes, please list the competencies below</i>

Revised Date: 1/18/2022