Faculty are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Collegewide Curriculum Committee.

DEPT. Dental Assisting COURSE NO. DEN 1130

NUMBER OF CREDITS: 4 (3/lecture 1 lab)

COURSE TITLE: Preclinical Dental Assisting

CATALOG DESCRIPTION:
This course will allow 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. Additional 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. (4 lecture Credits)

AUDIENCE: Students enrolled in the Dental Assisting Program

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
Area : by meeting the following competencies:
Area : by meeting the following competencies:
Area : by meeting the following competencies:

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE:

LENGTH OF COURSE: 1 semester

THIS COURSE IS USUALLY OFFERED:
Every other year ☐ fall x spring ☐ summer ☐ undetermined ☐

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT:
   a. Understand the causes and transmission of diseases
   b. Describe infection control procedures
   c. Explain OSHA rules and regulations
   d. Become familiar with principles of pharmacology relating to dentistry
2) THINKING SKILLS: The students will be prepared to recognize the signs and symptoms of medical emergencies and respond accordingly.

3) COMMUNICATIONS SKILLS: The students will improve their communication skills through written assignments and oral presentations.

4) HUMAN DIVERSITY: Understand the diverse differences in individuals and how that can relate to providing proper dental care.

TOPICS TO BE COVERED: microbiology, infection control, regulatory policies, ergonomics, pharmacology, medical emergencies

LIST OF EXPECTED COURSE OUTCOMES:

1. Describe how microorganisms cause disease
2. Describe the body’s immune response
3. Describe infectious disease process
4. Describe and demonstrate infection control procedures
5. Explain the components of the OSHA hazard communication and bloodborne pathogen standards.
6. Describe the goal of ergonomics in the dental office
7. Describe how to prevent a possible medical emergency
8. Describe the common signs and symptoms of a medical emergency and how to respond to them.
9. Describe the principles of pharmacology as they relate to dentistry.

LEARNING/TEACHING TECHNIQUES used in the course are:

- Collaborative Learning
- Problem Solving
- Student Presentations
- Interactive Lectures
- Creative Projects
- Individual Coaching
- Lecture
- Films/Videos/Slides
- Demonstrations
- Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

- Reading
- Tests
- Individual Projects
- Oral Presentations
- Worksheets
- Collaborative Projects
- Textbook Problems
- Papers
- Portfolio
- Group Problems
- Term Paper
- Other (describe below)

EXPECTED STUDENT LEARNING OUTCOMES:

a. Identify the characteristics of hazardous wastes and its safe handling, storage, and disposal.

b. Apply infection control principles.

c. Demonstrate appropriate ergonomic principles.
d. Recognize and respond to medical emergencies

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or Minnesota Relay Service at 800-627-3529 or by using your preferred relay service.

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The information in this course outline is subject to revision.

Revised Fall 2016