

MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

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 College-wide Curriculum Committee.

DEPT. Dental Assisting

COURSE NO. 1115

COURSE TITLE Dental Health

CATALOG DESCRIPTION This course will assist the student in making practical applications of the concepts and principles associated with diet and nutrition from the standpoint of general health as well as dental health. The course will also emphasize the nature and causes of disease in the oral cavity and the importance of prevention of this disease with practical application in instructing patients.

AUDIENCE Dental Assisting Students

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

Area : by meeting the following competencies:

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PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: High School Diploma

LENGTH OF COURSE : 16 weeks

THIS COURSE IS USUALLY OFFERED:

Every year X Every other year

Fall Spring X Summer Undetermined

FOUR GOALS ARE EMPHASIZED IN COURSE AT MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE:

1. **ACADEMIC CONTENT:** The academic outcomes of this course are:
 - a. Understand the basis of nutrition in general and dental health
 - b. Understand prevention as it relates to nutrition
 - c. Describe the diseases that relate to dental health
 - d. Understand, describe and apply dental hygiene methods
 - e. Understand nutrients and their functions
 - f. Understand the basis and prevention of caries, and periodontal disease
 - g. Explain and communicate prevention and treatment for basic dental disease
2. **THINKING SKILLS:** The thinking skills outcomes for this course are:
 - a. Analyze abstract concepts as they apply to practical dental nutrition
- b. Problem solving skills associated with determining individualized dental hygiene protocols for patients
3. **COMMUNICATIONS SKILLS:**
 - a. Improve communication skills through interaction in class
 - b. Understand pertinent communication skills as they apply to interaction with and education of patients as they relate to nutrition and dental health.

4. **HUMAN DIVERSITY:**
 - a. Understand diverse constitutions of individual patients and how that may affect the efficient administration of nutritional and dental education.

TOPICS TO BE COVERED

1. Theory and techniques of dental hygiene
2. Periodontal disease etiology, prevention and treatment
3. Caries etiology, prevention and treatment
4. Basic oral pathology
5. Dental nutrition
6. Basic general nutrition
7. Perform individualized five day diet analysis
8. Nutritional disorders
9. Perform dental hygiene instruction on clinic patient
10. Tooth development

LIST OF EXPECTED COURSE OUTCOMES:

1. Understanding of basic dental nutrition theory in the prevention and maintaining of dental health.
2. Knowledge to perform problem solving in dental hygiene education.
3. Knowledge to perform nutrition and dental health education so as to protect the patient from poor habits or nutritional lifestyles affecting the oral cavity

LEARNING/TEACHING TECHNIQUES used in the course are:

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

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

- X Reading
- X Individual Projects
- X Worksheets
- X Textbook Problems
- X Group Problems
- X Tests

EXPECTED STUDENT LEARNING OUTCOMES:

1. Maintain a "C" average in student assessment activities.
2. Upon successful completion of the dental assisting program, pass the Minnesota State Dental Assisting Examination radiology section
3. Pass the (elective) Dental Assisting National Board radiology section

"This course will cover the characteristics of hazardous wastes and its safe handling, storage, and disposal."

The information in this course outline is subject to revision

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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