

# Washtenaw Community College Comprehensive Report

## DEN 118 Preventive Dentistry Effective Term: Winter 2015

### Course Cover

**Division:** Math, Science and Health

**Department:** Allied Health

**Discipline:** Dental Assisting

**Course Number:** 118

**Org Number:** 15100

**Full Course Title:** Preventive Dentistry

**Transcript Title:** Preventive Dentistry

**Is Consultation with other department(s) required:** No

**Publish in the Following:** College Catalog , Time Schedule , Web Page

**Reason for Submission:** Three Year Review / Assessment Report

**Change Information:**

**Outcomes/Assessment**

**Objectives/Evaluation**

**Rationale:** Following the course assessment, it was determined that a mid-term be added to this course.

**Proposed Start Semester:** Winter 2015

**Course Description:** In this course, dental assisting students receive a foundation in preventive dentistry. Methods to ensure the dental health of patients, including instruction in oral hygiene and proper nutrition, are addressed. Etiology, prevention, and control of dental caries are also emphasized. DEN 109 and DEN 119 have been combined to form DEN 118.

### Course Credit Hours

**Variable hours:** No

**Credits:** 2

**Lecture Hours: Instructor: 30 Student: 30**

**Lab: Instructor: 0 Student: 0**

**Clinical: Instructor: 0 Student: 0**

**Total Contact Hours: Instructor: 30 Student: 30**

**Repeatable for Credit:** NO

**Grading Methods:** Letter Grades

Audit

**Are lectures, labs, or clinicals offered as separate sections?:** NO (same sections)

### College-Level Reading and Writing

College-level Reading & Writing

### College-Level Math

#### Requisites

**Prerequisite**

Admission to Dental Assisting program  
and

**Prerequisite**

DEN 106 minimum grade "C"

and

**Prerequisite**

DEN 107 minimum grade "C"

## General Education

### Request Course Transfer

Proposed For:

## Student Learning Outcomes

1. Identify concepts and principles of oral hygiene and nutrition.

### **Assessment 1**

**Assessment Tool:** Final Exam

**Assessment Date:** Spring/Summer 2016

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** all

**Number students to be assessed:** all

**How the assessment will be scored:** Multiple choice and true/false items on final exam scored through BlackBoard.

**Standard of success to be used for this assessment:** 80% or more of the students will correctly answer each question. Items with scores lower than 80% will be targeted for review.

**Who will score and analyze the data:** Faculty assigned to teach the course will analyze the data. Written test responses are multiple choice and true/false and are scored through BlackBoard. An item analysis is generated from the scored data.

2. Identify the effects of nutrition and oral hygiene on the etiology, prevention, and control of dental caries.

### **Assessment 1**

**Assessment Tool:** Final exam

**Assessment Date:** Spring/Summer 2016

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** all

**Number students to be assessed:** all

**How the assessment will be scored:** Multiple choice and true/false items on final exam scored through BlackBoard.

**Standard of success to be used for this assessment:** 80% or more of the students will correctly answer each question. Items with scores lower than 80% will be targeted for review.

**Who will score and analyze the data:** Faculty assigned to teach the course will analyze the data. Written test responses are multiple choice and true/false and are scored through BlackBoard. An item analysis is generated from the scored data.

3. Provide patients with oral health and nutrition instruction.

### **Assessment 1**

**Assessment Tool:** Clinical validation

**Assessment Date:** Spring/Summer 2016

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** all

**Number students to be assessed:** all

**How the assessment will be scored:** Clinical validations have numerical scores which are added to obtain a total.

**Standard of success to be used for this assessment:** 90% students or more of the students will score 90% or higher on their first attempt.

**Who will score and analyze the data:** Faculty assigned to teach the course will analyze the data. Clinical validation data is numerical; total scores are used.

### **Assessment 2**

**Assessment Tool:** Student-produced brochure

**Assessment Date:** Spring/Summer 2016

**Assessment Cycle:** Every Three Years

**Course section(s)/other population:** all

**Number students to be assessed:** all

**How the assessment will be scored:** Student assignment is scored using a rubric.  
**Standard of success to be used for this assessment:** 90% or more of students will score 85% or higher.

**Who will score and analyze the data:** Faculty assigned to teach the course will analyze the data. Student evaluation data is numerical; total scores are used.

### **Course Objectives**

1. Explain why the study of oral hygiene and oral nutrition is important to the dental assistant.

#### **Matched Outcomes**

1. Identify concepts and principles of oral hygiene and nutrition.
2. Identify the goal of preventive dentistry.

#### **Matched Outcomes**

1. Identify concepts and principles of oral hygiene and nutrition.
3. Identify the components of a preventive dentistry program.

#### **Matched Outcomes**

1. Identify concepts and principles of oral hygiene and nutrition.
4. Identify the components of the food pyramid.

#### **Matched Outcomes**

1. Identify concepts and principles of oral hygiene and nutrition.
5. Identify the etiology of dental disease.

#### **Matched Outcomes**

6. Identify how diet and nutrition relate to oral health.

#### **Matched Outcomes**

7. Identify the role of nutrition in the development of dental structures.

#### **Matched Outcomes**

8. Analyze a food diary.

#### **Matched Outcomes**

9. Identify patient-related motivational strategies.

#### **Matched Outcomes**

3. Provide patients with oral health and nutrition instruction.
10. Identify oral hygiene products available to consumers.

#### **Matched Outcomes**

3. Provide patients with oral health and nutrition instruction.

11. Determine the value of oral hygiene products available to consumers.

#### **Matched Outcomes**

3. Provide patients with oral health and nutrition instruction.

12. Present dental health information to children.

#### **Matched Outcomes**

3. Provide patients with oral health and nutrition instruction.

13. Select and demonstrate appropriate dental hygiene devices/techniques for given scenarios.

#### **Matched Outcomes**

3. Provide patients with oral health and nutrition instruction.

14. Create patient education tools concerning preventive dentistry.

#### **Matched Outcomes**

3. Provide patients with oral health and nutrition instruction.

### **New Resources for Course**

#### **Course Textbooks/Resources**

Textbooks

Bird and Robinson. *Modern Dental Assisting*, 11th ed. Elsevier, 2014

Manuals

Periodicals

Software

**Equipment/Facilities**

Level III classroom

Testing Center

**Reviewer**

**Action**

**Date**

**Faculty Preparer:**

*Kristina Sprague*

*Faculty Preparer*

*Jun 09, 2014*

**Department Chair/Area Director:**

*Connie Foster*

*Recommend Approval*

*Jul 17, 2014*

**Dean:**

*Kristin Brandemuehl*

*Recommend Approval*

*Jul 18, 2014*

**Vice President for Instruction:**

*Bill Abernethy*

*Approve*

*Sep 16, 2014*