

Washtenaw Community College Comprehensive Report

DEN 118 Preventive Dentistry Effective Term: Winter 2020

Course Cover

Division: Health Sciences

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:

Consultation with all departments affected by this course is required.

Course description

Rationale: Three-year update

Proposed Start Semester: Winter 2020

Course Description: In this course, dental assisting students receive a foundation in preventive dentistry. Methods to ensure the dental health of patients are addressed, including instruction in oral hygiene and proper nutrition. Etiology, prevention and control of dental caries and periodontal disease are emphasized.

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

No Level Required

Requisites

Prerequisite

Admission to Dental Assisting program
and

Prerequisite

DEN 102 minimum grade "C"

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. Recall and explain the etiology of dental caries and periodontal disease.

Assessment 1

Assessment Tool: Final exam

Assessment Date: Winter 2020

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 in Blackboard. An item analysis is generated from the scored data.

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.

Assessment 2

Assessment Tool: Clinical validation

Assessment Date: Winter 2020

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% of the students will pass at 85% or higher on their first attempt.

Who will score and analyze the data: Faculty assigned to teach the course will analyze the data.

Assessment 3

Assessment Tool: Presentation

Assessment Date: Winter 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: The presentation will be scored and evaluated using a departmentally developed rubric by faculty and community sites.

Standard of success to be used for this assessment: 90% of the students will pass at a score of 85% or higher.

Who will score and analyze the data: Faculty assigned to teach the course will analyze the data.

2. Identify and explain the effects of nutrition and oral hygiene on the prevention and control of dental disease.

Assessment 1

Assessment Tool: Final exam

Assessment Date: Winter 2020

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 in Blackboard. An item analysis is generated from the scored data.

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Assessment Tool: Presentation

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Standard of success to be used for this assessment: 90% of the students will pass at 85% or higher on their first attempt.

Who will score and analyze the data: Faculty assigned to teach the course will analyze the data.

3. Identify and outline the components of a preventive dentistry program.

Assessment 1

Assessment Tool: Final Exam

Assessment Date: Winter 2020

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 in Blackboard. An item analysis is generated from the scored data.

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.

Assessment 2

Assessment Tool: Presentation

Assessment Date: Winter 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

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Standard of success to be used for this assessment: 90% of the students will pass at 85% or higher on their first attempt.

Who will score and analyze the data: Faculty assigned to teach the course will analyze the data.

4. Provide oral health and nutrition instructions given a variety of patient scenarios.

Assessment 1

Assessment Tool: Clinical validation

Assessment Date: Winter 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

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Standard of success to be used for this assessment: 90% of the students will pass at a score of 85% or higher.

Who will score and analyze the data: Faculty assigned to teach the course will analyze the data.

Course Objectives

1. Explain the caries process.
2. Identify caries intervention and risk assessment methods.
3. Identify characteristics of gingivitis and periodontitis.
4. Identify risk factors and common signs and symptoms of periodontal disease.
5. Identify age-related oral health conditions.
6. Identify the goal of preventive dentistry.
7. Identify the effects of fluoridation.
8. Identify and describe anticariogenic agents.
9. Identify the role of nutrition in the development of oral structures.
10. Identify the components of the food pyramid.
11. Analyze a food diary.
12. Identify and demonstrate patient-related motivational strategies.
13. Identify and determine the value of oral hygiene products available to consumers.
14. Develop a patient education tool, and present dental health information to children.
15. Select and demonstrate appropriate dental hygiene devices/techniques for given scenarios.

16. Provide nutritional counseling for oral health maintenance.

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

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Jodi Neuman</i>	<i>Faculty Preparer</i>	<i>Aug 21, 2019</i>
Department Chair/Area Director: <i>Kristina Sprague</i>	<i>Recommend Approval</i>	<i>Aug 22, 2019</i>
Dean: <i>Valerie Greaves</i>	<i>Recommend Approval</i>	<i>Aug 23, 2019</i>
Curriculum Committee Chair: <i>Lisa Veasey</i>	<i>Recommend Approval</i>	<i>Sep 14, 2019</i>
Assessment Committee Chair: <i>Shawn Deron</i>	<i>Recommend Approval</i>	<i>Sep 20, 2019</i>
Vice President for Instruction: <i>Kimberly Hurns</i>	<i>Approve</i>	<i>Sep 26, 2019</i>

Washtenaw Community College Comprehensive Report

DEN 118 Preventive Dentistry Effective Term: Winter 2017

Course Cover

Division: Health Sciences

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

Rationale: Changes to the wording of the outcomes and additional assessment tool better reflect the activities involved in the course.

Proposed Start Semester: Winter 2017

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 and periodontal disease are emphasized. Content in this course was previously taught in DEN 109 and DEN 119.

Course Credit Hours

Variable hours: No

Credits: 2

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

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

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

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Assessment Cycle: Every Three Years

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Testing Center

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Kristina Sprague</i>	<i>Faculty Preparer</i>	<i>Jul 05, 2016</i>
Department Chair/Area Director: <i>Connie Foster</i>	<i>Recommend Approval</i>	<i>Jul 07, 2016</i>
Dean: <i>Valerie Greaves</i>	<i>Recommend Approval</i>	<i>Jul 12, 2016</i>
Curriculum Committee Chair: <i>David Wooten</i>	<i>Recommend Approval</i>	<i>Aug 27, 2016</i>
Assessment Committee Chair: <i>Michelle Garey</i>	<i>Recommend Approval</i>	<i>Aug 30, 2016</i>
Vice President for Instruction: <i>Bill Abernethy</i>	<i>Approve</i>	<i>Sep 01, 2016</i>