

## Washtenaw Community College Comprehensive Report

### DEN 110 Basic Clinical Dental Assisting Effective Term: Winter 2018

#### Course Cover

**Division:** Health Sciences

**Department:** Allied Health

**Discipline:** Dental Assisting

**Course Number:** 110

**Org Number:** 15100

**Full Course Title:** Basic Clinical Dental Assisting

**Transcript Title:** Basic Clinical for DA

**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:**

**Course description**

**Outcomes/Assessment**

**Objectives/Evaluation**

**Rationale:** Change the wording of the course description and objectives to better reflect the activities in the course.

**Proposed Start Semester:** Winter 2018

**Course Description:** This course is an introduction to dental assisting. Students will receive an overview of the history of dentistry, professional organizations, ethics, and the role of the dental health team.

Students are introduced to the dental treatment room, equipment, and basic procedures. The application of OSHA and CDC guidelines used in four-handed dentistry are emphasized.

#### Course Credit Hours

**Variable hours:** Yes

**Credits:** 0 – 4

**Lecture Hours: Instructor:** 45 **Student:** 45

**Lab: Instructor:** 45 **Student:** 45

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

**Total Contact Hours: Instructor:** 0 to 90 **Student:** 0 to 90

**Repeatable for Credit:** NO

**Grading Methods:** Letter Grades

Audit

**Are lectures, labs, or clinicals offered as separate sections?:** YES (separate sections)

#### College-Level Reading and Writing

College-level Reading & Writing

#### College-Level Math

## **Requisites**

### **Prerequisite**

Admission to Dental Assisting program  
and

### **Prerequisite**

DEN 102 minimum grade "C"; may enroll concurrently

## **General Education**

## **Request Course Transfer**

### **Proposed For:**

## **Student Learning Outcomes**

1. Identify concepts and principles related to four-handed dentistry.

### **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: Items scored against answer key

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

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

2. Differentiate between basic dental instruments and/or equipment used in the treatment room.

### **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: Items scored against an answer key.

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

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

### **Assessment 2**

Assessment Tool: Performance 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: Performance validations have numerical scores which are

added to obtain a total.

Standard of success to be used for this assessment: 85% or more of students will score 85% or higher on their first attempt.

Who will score and analyze the data: Departmental faculty

3. Perform basic four-handed dental procedures, according to OSHA regulations and CDC guidelines.

#### **Assessment 1**

Assessment Tool: Performance 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: Performance validations have numerical scores which are added to obtain a total.

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

Who will score and analyze the data: Departmental faculty

### **Course Objectives**

1. Identify events and leaders in the field of dental assisting.
2. Identify members of the dental health team, their roles and credentials.
3. Identify the recognized dental specialties.
4. Identify the traits of a professional dental assistant.
5. Recognize the difference between “legal” and ethical” behavior.
6. Identify the principles of motion economy as they relate to four-handed dentistry.
7. Identify, operate and maintain equipment common to the dental treatment room.
8. Identify basic dental instruments and their individual uses.
9. Identify the different types of anesthesia and injection techniques.
10. Identify local anesthetic armamentarium while assembling and disassembling the anesthetic syringe.
11. Identify and assemble, for use, the various isolation techniques and equipment/materials used to decrease moisture during a dental procedure.
12. Identify and assemble, for use, basic rotary instruments and associated armamentarium.
13. Identify the armamentarium used, and the role of the dental assistant in an oral prophylaxis procedure.
14. Identify the armamentarium commonly used in an amalgam and composite procedure.
15. Demonstrate the preparation of treatment rooms according to OSHA regulations and CDC guidelines.
16. Demonstrate the seating of the patient and operating team for effective four-handed dentistry.
17. Demonstrate the various transfer techniques given a variety of instruments.
18. Demonstrate HVE placement given a variety of situations.
19. Explain the sequence of an amalgam and composite procedure and demonstrate the role of the chairside assistant.
20. Demonstrate the ability to work as a team player and manage time effectively.

### **New Resources for Course**

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

Textbooks

Bird and Robinson. *Modern Dental Assisting*, 12th ed. Elsevier, 2018

Manuals

Periodicals

Software

**Equipment/Facilities**

Level III classroom

Other: Dental Clinic

<b><u>Reviewer</u></b>	<b><u>Action</u></b>	<b><u>Date</u></b>
<b>Faculty Preparer:</b> <i>Kristina Sprague</i>	<i>Faculty Preparer</i>	<i>Apr 27, 2017</i>
<b>Department Chair/Area Director:</b> <i>Connie Foster</i>	<i>Recommend Approval</i>	<i>May 09, 2017</i>
<b>Dean:</b> <i>Valerie Greaves</i>	<i>Recommend Approval</i>	<i>May 10, 2017</i>
<b>Curriculum Committee Chair:</b> <i>Lisa Veasey</i>	<i>Recommend Approval</i>	<i>Aug 31, 2017</i>
<b>Assessment Committee Chair:</b> <i>Michelle Garey</i>	<i>Recommend Approval</i>	<i>Sep 06, 2017</i>
<b>Vice President for Instruction:</b> <i>Kimberly Hurns</i>	<i>Approve</i>	<i>Sep 07, 2017</i>