

Washtenaw Community College Comprehensive Report

DEN 204 Advanced Functions Effective Term: Winter 2023

Course Cover

College: Health Sciences

Division: Health Sciences

Department: Allied Health

Discipline: Dental Assisting

Course Number: 204

Org Number: 15100

Full Course Title: Advanced Functions

Transcript Title: Advanced Functions

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: Update course outcomes and objectives to reflect changes in the Administrative Rules and RDA Board Exam.

Proposed Start Semester: Fall 2022

Course Description: In this course, dental assisting students will apply previous knowledge and practice Michigan-specific legally delegated extraoral and intraoral functions. Students will prepare for and master the clinical skills necessary to pass the Registered Dental Assistant (RDA) Board Exam.

Course Credit Hours

Variable hours: No

Credits: 4

Lecture Hours: Instructor: 15 **Student:** 15

Lab: Instructor: 105 **Student:** 105

Clinical: Instructor: 15 **Student:** 15

Total Contact Hours: Instructor: 135 **Student:** 135

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

Pathway I students - DEN 202 minimum grade "C", may enroll concurrently;

or

Prerequisite

Pathway II students - Admission to Dental program

Level II Prerequisite

current CPR card

General Education**Request Course Transfer**

Proposed For:

Student Learning Outcomes

1. Recognize and apply theory and concepts of infection control, radiation health and safety, and general chairside assisting.

Assessment 1

Assessment Tool: Outcome-related final exam questions

Assessment Date: Winter 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher on the outcome-related questions

Who will score and analyze the data: The final exam is scored in Blackboard and will be analyzed by program faculty.

2. Recognize and perform duties outlined in the Administrative Rules of the Michigan Board of Dentistry for Registered Dental Assistant (RDA).

Assessment 1

Assessment Tool: Outcome-related final exam questions

Assessment Date: Winter 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher on the outcome-related questions.

Who will score and analyze the data: The final exam is scored in Blackboard and will be analyzed by program faculty.

Assessment 2

Assessment Tool: Laboratory and Clinical Validation Forms

Assessment Date: Winter 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Check List

Standard of success to be used for this assessment: 100% of the students will pass all the required validations

Who will score and analyze the data: Departmental faculty and dentists/mentors will score the data. Program faculty will analyze the data.

3. Master clinical skills as outlined on the Michigan RDA Board Examination.

Assessment 1

Assessment Tool: Clinical final exam

Assessment Date: Winter 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: The clinical final is scored on a pass/fail basis using the Michigan Board of Dentistry RDA Exam criteria.

Standard of success to be used for this assessment: 80% of the students will pass on their first attempt. 100% of the students will pass on their second attempt.

Who will score and analyze the data: Program faculty will score and analyze the data.

Course Objectives

1. Apply theory and concepts related to infection control.
2. Apply theory and concepts related to radiography.
3. Interpret patient radiographic images to describe and chart conditions.
4. Apply concepts related to oral anatomy and pathology to describe and chart soft tissue, teeth, and related conditions.
5. Apply theory and concepts related to dental materials.
6. Apply theory and concepts related to general chairside assisting.
7. Assess patient to prevent medical emergencies.
8. Monitor patient for signs and symptoms of possible medical emergency and assist in the management of office emergencies.
9. Respond to patient questions and provide pre/post treatment instructions as well as oral health instructions.
10. Identify the delegable duties of a licensed and non-licensed dental assistant in the State of Michigan as well as terms relating to the delegation of duties.
11. Recognize aspects of the state dental practice act to maintain legal responsibilities.
12. Perform aseptic techniques according to OSHA regulations and CDC guidelines.
13. Place a temporary crown on a model.
14. Place an amalgam restoration on a model.
15. Perform laboratory and clinical skills of all the legally delegable functions and procedures of the RDA.

New Resources for Course

Course Textbooks/Resources

Textbooks

Eakle and Bastin. *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists*, ed. Elsevier, 2021

Bird and Robinson. *Modern Dental Assisting*, 13 ed. Elsevier, 2021

Manuals

Periodicals

Software

Equipment/Facilities

Level III classroom

Other: Dental Simulation Lab

Reviewer

Action

Date

Faculty Preparer:

Kristina Sprague

Faculty Preparer

Apr 21, 2022

Department Chair/Area Director:

Kristina Sprague

Recommend Approval

Apr 21, 2022

Dean:

<i>Shari Lambert</i>	<i>Recommend Approval</i>	<i>May 18, 2022</i>
Curriculum Committee Chair:		
<i>Randy Van Wagnen</i>	<i>Recommend Approval</i>	<i>Aug 30, 2022</i>
Assessment Committee Chair:		
<i>Shawn Deron</i>	<i>Recommend Approval</i>	<i>Aug 31, 2022</i>
Vice President for Instruction:		
<i>Victor Vega</i>	<i>Approve</i>	<i>Sep 01, 2022</i>

Washtenaw Community College Comprehensive Report

DEN 204 Advanced Functions Effective Term: Fall 2018

Course Cover

Division: Health Sciences

Department: Allied Health

Discipline: Dental Assisting

Course Number: 204

Org Number: 15100

Full Course Title: Advanced Functions

Transcript Title: Advanced Functions

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: Change language in order to be more specific with regards to the licensed vs non-licensed dental assistant

Proposed Start Semester: Fall 2018

Course Description: This course is designed to provide dental assisting students with knowledge and skill in performing legally delegated intra-oral functions. In Michigan, the legal duties of the Registered Dental Assistant (RDA) are outlined in the Administrative Rules of the Michigan Board of Dentistry.

Course Credit Hours

Variable hours: No

Credits: 4

Lecture Hours: Instructor: 15 **Student:** 15

Lab: Instructor: 105 **Student:** 105

Clinical: Instructor: 15 **Student:** 15

Total Contact Hours: Instructor: 135 **Student:** 135

Repeatable for Credit: NO

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Audit

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College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

No Level Required

Requisites

Prerequisite

Pathway I students - DEN 202 minimum grade "C", may enroll concurrently;
or

Prerequisite

Pathway II students - Admission to Dental program

Level II Prerequisite

current CPR card

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Recognize and apply theory and concepts of infection control, radiation health and safety, and general chairside assisting.

Assessment 1

Assessment Tool: Final exam multiple choice questions

Assessment Date: Fall 2021

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: The assessment tool is a final exam consisting of multiple choice and true/false items. The exam is scored through Blackboard and an item analysis will be generated.

Standard of success to be used for this assessment: 80% of the students will score an overall average of 80% or higher on the questions related to Outcome 1.

Who will score and analyze the data: The final exam is scored in Blackboard and will be analyzed by the faculty.

2. Recognize and perform intraoral functions and procedures of the Registered Dental Assistant (RDA) as outlined in the Administrative Rules of the Michigan Board of Dentistry.

Assessment 1

Assessment Tool: Final exam multiple choice questions

Assessment Date: Fall 2021

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: The assessment tool is a final exam consisting of multiple choice and true/false items. The exam is scored through Blackboard and an item analysis will be generated.

Standard of success to be used for this assessment: 80% of the students will score an overall average of 80% or higher on questions related to Outcome 2.

Who will score and analyze the data: The final exam is scored in Blackboard and will be analyzed by the faculty.

Assessment 2

Assessment Tool: Laboratory and Clinical Validation Forms

Assessment Date: Fall 2021

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Check List

Standard of success to be used for this assessment: 100% of the students will pass all the required validations

Who will score and analyze the data: Departmental faculty and dentists/mentors will score the

data. Faculty will analyze the data.

3. Master clinical skills as outlined on the Michigan RDA Board Examination.

Assessment 1

Assessment Tool: Clinical final exam

Assessment Date: Fall 2021

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: The clinical final is scored on a pass/fail basis using the Michigan Board of Dentistry RDA Exam criteria.

Standard of success to be used for this assessment: 80% of the students will pass on their first attempt. 100% of the students will pass on their second attempt.

Who will score and analyze the data: The faculty will score and analyze the data.

Course Objectives

1. Apply theory and concepts related to infection control.
2. Apply theory and concepts related to radiography.
3. Apply concepts related to oral anatomy and pathology.
4. Apply theory and concepts related to dental materials.
5. Apply theory and concepts related to general chairside assisting.
6. Identify the delegable duties of a licensed and non-licensed dental assistant in the State of Michigan.
7. Identify terms that relate to delegation of duties to dental auxiliaries according to the Administrative Rules.
8. Perform aseptic techniques according to OSHA and CDC guidelines.
9. Place a dental dam on a patient.
10. Place a temporary crown on a model.
11. Place an amalgam restoration on a model.
12. Perform laboratory and clinical skills of all the legally delegable functions and procedures of the RDA.

New Resources for Course

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Level III classroom

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Kristina Sprague</i>	<i>Faculty Preparer</i>	<i>Nov 21, 2017</i>
Department Chair/Area Director: <i>Connie Foster</i>	<i>Recommend Approval</i>	<i>Nov 22, 2017</i>
Dean: <i>Valerie Greaves</i>	<i>Recommend Approval</i>	<i>Nov 27, 2017</i>
Curriculum Committee Chair: <i>David Wooten</i>	<i>Recommend Approval</i>	<i>Feb 26, 2018</i>

Assessment Committee Chair:

Michelle Garey

Recommend Approval

Mar 06, 2018

Vice President for Instruction:

Kimberly Hurns

Approve

Mar 07, 2018