

Washtenaw Community College Comprehensive Report

DEN 128 Dental Radiography Practice Effective Term: Winter 2019

Course Cover

Division: Health Sciences

Department: Allied Health

Discipline: Dental Assisting

Course Number: 128

Org Number: 15100

Full Course Title: Dental Radiography Practice

Transcript Title: Dental Radiography Practice

Is Consultation with other department(s) required: No

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

Reason for Submission: Course Change

Change Information:

Course title

Rationale: With the implementation of a contact hour policy, practicum is not an accurate description of this course.

Proposed Start Semester: Winter 2019

Course Description: This course provides students with both laboratory and clinical experience in producing dental radiographs. Infection prevention methods and maintaining patient and quality assurance records are emphasized. Students gain experience with manikins in the laboratory, and apply these skills to patients in a clinical setting. The content of this course, when combined with DEN 108, meets the Administrative Rules of the Michigan Board of Dentistry educational requirements.

Course Credit Hours

Variable hours: No

Credits: 1

Lecture Hours: Instructor: 0 Student: 0

The following Lab fields are not divisible by 15: Student Min, Instructor Min

Lab: Instructor: 22.5 Student: 22.5

Clinical: Instructor: 22.5 Student: 22.5

Total Contact Hours: Instructor: 45 Student: 45

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

DEN 108 minimum grade "C"; may enroll concurrently

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Produce diagnostically acceptable dental radiographs.

Assessment 1

Assessment Tool: Performance ratings form

Assessment Date: Spring/Summer 2020

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Full mouth x-ray will be evaluated using departmentally-developed evaluation

Standard of success to be used for this assessment: 90% of the students pass at 85%

Who will score and analyze the data: DA Faculty

2. Demonstrate proper infection prevention and patient management techniques while obtaining dental radiographs.

Assessment 1

Assessment Tool: Clinical evaluation form

Assessment Date: Spring/Summer 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 are rated with numerical scores. Scores are added to obtain a total.

Standard of success to be used for this assessment: 90% of students will pass on their first attempt

Who will score and analyze the data: DA Faculty

3. Maintain patient records and quality assurance documents.

Assessment 1

Assessment Tool: Clinical evaluation form

Assessment Date: Spring/Summer 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 are rated with numerical scores. Scores are added to obtain a total.

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

Who will score and analyze the data: DA Faculty

4. Interpret dental radiographs for diagnostic quality and charting purposes.

Assessment 1

Assessment Tool: Skills checklist

Assessment Date: Spring/Summer 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 are rated with numerical scores. Scores are added to obtain a total.

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

Who will score and analyze the data: DA Faculty

Course Objectives

1. Expose 2 sets of adult and pediatric radiographic series on manikins.
2. Expose 4 full-mouth series of radiographs on a variety of patients.
3. Practice radiation safety for the patient and operator.
4. Duplicate/electronically transmit dental radiographs.
5. Expose a panoramic radiograph.
6. Identify patient management techniques in order to accommodate patients with special needs.
7. Position patient, select image receptor and image receptor holding devices, position image receptor and PID, and expose image receptor for a variety of situations.
8. Implement infection prevention methods used in radiographic exposure and processing/scanning.
9. Demonstrate professional attitude and responsibility.
10. Schedule dental radiographic appointments for patients.
11. Obtain medical and dental histories from patients, and maintain appropriate records of these histories.
12. Complete appropriate quality assurance documents.
13. Create a Patient Education Brochure for use in the WCC Dental Clinic.
14. Interpret dental radiographs for diagnostic quality and charting purposes.

New Resources for Course

Course Textbooks/Resources

Textbooks

Iannucci. *Dental Radiography*, 5th ed. Elsevier, 2017

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>Oct 12, 2018</i>
Department Chair/Area Director: <i>Kristina Sprague</i>	<i>Forward Not Recommended</i>	<i>Oct 15, 2018</i>
Dean: <i>Valerie Greaves</i>	<i>Recommend Approval</i>	<i>Oct 15, 2018</i>
Curriculum Committee Chair: <i>Lisa Veasey</i>	<i>Recommend Approval</i>	<i>Oct 29, 2018</i>
Assessment Committee Chair: <i>Shawn Deron</i>	<i>Recommend Approval</i>	<i>Oct 30, 2018</i>
Vice President for Instruction: <i>Kimberly Hurns</i>	<i>Approve</i>	<i>Nov 02, 2018</i>