

Clackamas Community College
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Section #1 General Course Information

Department: Health Sciences: Allied Health

Submitter

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Course Prefix and Number: DA - 102L

Credits: 1

Contact hours

Lecture (# of hours):

Lec/lab (# of hours):

Lab (# of hours): 33

Total course hours: 33

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Dental Radiology II Lab

Course Description:

Knowledge and skills in alternative radiographic techniques are taught as students demonstrate exposure techniques and corrective measures of various alternative radiographic techniques. Students meeting radiographic proficiency on the x-ray mannequin prepare for the Radiation Health and Safety (RHS) proficiency exam. Candidates for the RHS proficiency exam will follow all RHS, Dental Assisting National Board (DANB) and Oregon examination requirements in preparation of patient radiographs. Required: Student Petition.

Type of Course: Career Technical Preparatory

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Dental Assistant Certificate of Completion

Are there prerequisites to this course?

Yes

Pre-reqs: DA 101 with C or better

Have you consulted with the appropriate chair if the pre-req is in another program?

No

Are there corequisites to this course?

Yes

Co-reqs: DA-102

Are there any requirements or recommendations for students taken this course?

Yes

Recommendations:

Requirements: Admission into the Dental Assistant program. Student Petition.

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F Only

Audit: No

When do you plan to offer this course?

✓ **Winter**

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

1. demonstrate proper film placement and cone positioning for each film in a full-mouth series according to bisecting techniques on a mannequin,
2. utilize all safety techniques previously learned to reduce radiation exposure to both the operator and patient,
3. describe measures needed to correct exposure errors,
4. evaluate mounted radiographs,
5. utilize aseptic procedures when placing XCP holders on a patient,
6. develop increased accuracy and speed on all skills,
7. demonstrate the localization technique,
8. demonstrate patient position and exposure of occlusal film on mannequin,
9. demonstrate patient positioning in the panoramic unit (no exposure),
10. demonstrate duplication of CMS (mannequin films),
11. demonstrate professional courtesy and standards when working with patients,
12. adhere to Dental Assistant National Board (DANB) and Oregon criteria for the Radiation Health and Safety (RHS) proficiency examination when taking patient radiographs for the completion of their certification requirements,
13. follow Bloodborne Pathogens and Hazard Communication standards when exposing and processing radiographs.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Intra-oral radiographic techniques
 - a. patient and operator protection when exposing radiographs
 - b. aseptic technique
 - c. bisecting and paralleling technique
 - d. occlusal film
2. Alternative radiographic techniques
 - a. patient preparation for panoramic imaging
 - b. localization technique
3. Processing of receptor images

- 4. Patient management
- 5. Patient radiographs
 - a. proficiency for Radiation Health and Safety (RHS) certification

Does the content of this class relate to job skills in any of the following areas:

- | | |
|--------------------------------------|-----------|
| 1. Increased energy efficiency | No |
| 2. Produce renewable energy | No |
| 3. Prevent environmental degradation | No |
| 4. Clean up natural environment | No |
| 5. Supports green services | No |

Percent of course: 0%

First term to be offered:

Specify term: Winter 2018
