

Northwest Arkansas Community College
Health Professions Division

Discipline Code

DNTA

Course Number

1422

Course Title

Dental Radiography II

Catalog Description

This course is a continuation of Dental Radiography I. Provides students with an opportunity to gain competence in exposure, developing, and interpretation skills of dental radiographs. Extra oral radiographs are covered in this section.

Prerequisites

Successful completion of DNTA 1413 Dental Radiography I and Program Director's approval.

Credit Hours

2 credit hours

Contact hours

12.5 lecture contact hours; 25 lab contact hours

Load hours

2 load hours

Semesters Offered

Spring

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

Students completing this course will:

- Demonstrate competence in x-ray exposure techniques
- Demonstrate competence in x-ray processing techniques
- Discuss extraoral x-ray technique
- Discuss digital x-ray procedures
- Arkansas RDA Radiology Study Guide
- Arkansas RDA Radiology Test

General Education Outcomes Supported

- Students develop higher order thinking skills.
- Students can use computers proficiently.

Standard Practices

Topics list

- Full Mouth Paralleling Technique
- Proficiency of imaging software program
- Distinguishing types and uses of extraoral images
- Distinguishing between traditional and digital processes
- Complete and pass the Arkansas RDA Radiology Study Guide

Learning activities

- Didactic instruction will be delivered either in the classroom setting or through virtual systems.
- Didactic instruction will include models, manikins, videos, and diagrams to reinforce topics discussed.
- Laboratory exercises will align with the didactic portion of the course.
- Infection Prevention Protocols will be of primary importance and will be integrated into each and every lab process.
- Laboratory exercises will utilize models, manikins, and classmates to locate and identify oral and dental structures.
- Disinfection and sterilization laboratories will utilize standard dental equipment for training and will include equipment safety training.
- Students will learn new terminology and experience varied learning methods to reinforce the General Education outcomes of higher order thinking skills and information literacy.

Assessments

- Final grade will be based on the average of all exams, quizzes, homework, and labs.
- Examinations: Final written exam is comprehensive and scored on a percentage basis. Final Practical exam is comprehensive of all skills/topics covered during course.
- Quizzes: A quiz may be given at any time during the course. Make-up quizzes are at the instructor's discretion.
- Homework: Assignments may be given at any time during the course and will be due when designated by the instructor. Material turned in after designated time/date will not be accepted and will result in a grade of "0".
- Labs: Designed for student to gain skill with new procedures. Labs are scored on a Pass/Fail basis. Students must achieve a Pass in order to advance in course.

Grading guidelines

- A=90-100%
- B=80-89%
- C=70-79%

*You must maintain a grade of C or higher to progress in the Dental Assisting Program.