HDA 243 - DENTAL RADIOGRAPHY LAB

Course Description

Clinical component of Dental Radiography lecture. Students will be introduced to a variety of radiography techniques and will learn how to expose, process and mount radiographs of diagnostic quality. Requirements include multiple sets on dental manikins and four FMX sets on dental patients utilizing digital techniques. Group 2 course.

Credit Hours

1.5

Contact Hours

3

Lab Hours

3

Corequisites

HDA 242

Course Learning Outcomes

Knowledge:

- Identify exposure factors: kVp, mA, and exposure times according to the target-film distance, film speed, and density of the patient's hard tissues.

Application:

- Analyze medical/dental health histories.
- Demonstrate correct patient positioning for all radiographic exposures.
- Differentiate between the parallel technique and the bi-section technique.
- Demonstrate CDC infection control guidelines while exposing and scanning dental x-rays.
- Demonstrate mounting and labeling the completed x-ray surveys with 100% accuracy.

Integration:

- Integrate information learned in lecture to minimize exposure to operator and patient with 100% accuracy.
- Relate when it is relative to expose intraoral vs. extraoral radiographs.

Human Dimension:

- Interact with others on how to manage a medical emergency in the dental lab.

Caring - Civic Learning:

- Engage with clinical instructor in reflecting/evaluating x-rays.

Learning How to Learn:

- Collaborate with the dental community to aid in seeing uninsured referred patients for a diagnostically acceptable full mouth survey.