

Course Outline for: DENH 1151 Accelerated Dental Radiology**A. Course Description:**

1. Number of credits: 2
2. Lecture hours per week: 1
Lab hours per week: 2
3. Prerequisites: DENH 1112 Oral and Facial Anatomy
Additional requirements:
Acceptance into the Dental Hygiene program
Graduated from an accredited Dental Assisting program
Minnesota licensed Dental Assistant
Petition out of DENH 1150 Dental Radiology
4. Corequisites: None
5. MnTC Goals: None

Radiographs are an essential component of the identification, diagnosis, education and management of oral and systemic diseases. Students with previous education and experience in dental radiography apply and develop their dental radiographic technique in the radiology clinic on patients. Students are introduced to radiographic interpretation which allows the radiographs to be used for the care and benefit of the patient.

B. Date last reviewed/updated: May 2025**C. Outline of Major Content Areas:**

1. Infection Control in Radiology
2. Documentation of Radiographs
3. Radiographic Interpretation Terminology
4. Anatomical Landmarks on Radiographs
5. Dental Cares and Restorative Materials
6. Periodontal Disease
7. Trauma, Pulpal and Periapical Lesions
8. Cysts of the Oral Cavity
9. Benign/Malignant Lesions

D. Course Learning Outcomes:

Upon successful completion of the course, the student will be able to:

1. Practice appropriate infection control protocols in the dental radiology clinic.
2. Demonstrate skill in the paralleling technique for intraoral radiographs.
3. Demonstrate skill in supplemental technique for unique anatomy and patient management.
4. Provide accurate documentation of dental radiographs exposed, informed consent and referrals.
5. Identify anatomical structures viewed on the dental radiographs.

6. Communicate to the patient what is seen on the radiograph.

E. Methods for Assessing Student Learning:

Methods for assessment may include, but are not limited to, the following:

1. Assignments
2. Exams
3. Radiographic Assessments

F. Special Information:

None