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## SECTION HEADING

### DEN 1105: Oral Radiology II

#### Description

Oral Radiology II gives the student the opportunity to develop and apply their skills in exposing and evaluating diagnostic radiographs with minimum exposure to the patient. This course will also cover the laws set forth by the Minnesota Department of Health in relation to exposing radiographs on patients.

#### Credits

3

#### Prerequisite

DEN 1100

#### Topics to be Covered

1. Dental x-ray film
2. Automatic & Manual Processing
3. Film Processing problems and solutions
4. Duplicating radiographs
5. Quality assurance
6. Identification of dental restorations, materials and foreign objects
7. Extraoral dental radiography
8. Interpretation of dental caries
9. Interpretation of periodontal disease
10. Interpretation of trauma, pulpal, and periapical lesions
11. Minnesota Department of Health regulatory guide for Dental x-ray facilities
12. Radiation safety officer requirements
13. Infection Control in Dental Radiology
14. Digital/3D Imaging

#### Learning Outcomes

1. Clinical application of dental radiology.
2. Demonstrate proper infection control procedures for dental radiography.
3. Apply dental radiology safety principles for protection of patients and operators.
4. Describe the Minnesota Department of Health Regulatory Guidelines for Dental X-ray Facilities.
5. Identify dental radiography errors and corrective actions.

#### Credit Details

Lecture: 2

Lab: 1

OJT: 0