



# Wayne County Community College District

## COURSE SYLLABUS

### DHY 227 Radiology II

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**CREDIT HOURS:** 1.00

**CONTACT HOURS:** 15.00

**COURSE DESCRIPTION:**

Continuation of the science and clinical practice of oral radiography, including radiographic interpretation, normal anatomy on periapical and extraoral films, recognition of abnormalities and the limitations of radiography.

**PREREQUISITES:**

DEN 200 and DEN 201

**EXPECTED COMPETENCIES:**

Upon completion of this course, the student will be familiar with:

1. Identify on radiographs developmental abnormalities and basic disease processes of the teeth and supporting structures such as restorations, caries, periodontal disease, endodontic lesions, pedodontic development, and oral surgery pathologies. (Competency 6.7)
2. Identify on radiographs various restorative materials.
3. Discuss the use of radiographs in aiding the dentist to make diagnoses in each of the specialty practices. (Competency 2.4)
4. Using descriptive terminology, describe radiographic lesions.
5. Discuss and recognize on radiographs different types of carious lesions. (Competency 6.7)
6. Recognize the limitations of radiographs as an aid to the dentist. (Competency 6.7)
7. Recognize the normal anatomical landmarks that appear on occlusal and panoramic films. (Competency 6.7)
8. Discuss methods of quality assurance that can be employed in the dental office in the field of radiography. (Competency 2.4)
9. Describe localization techniques such as the SLOB rule and be able to identify the location of an object applying this principle.

**ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

**GRADING SCALE:**

90%-100% = A

80%-89.9% = B

70%-79.9%= C

60%-69.9%= D

<60% = E