

**DNA 65B Course Outline as of Fall 1981****CATALOG INFORMATION**

Dept and Nbr: DNA 65B Title: DENT RADIOLOGY II

Full Title: Dental Radiology II

Last Reviewed: 2/25/2019

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	2.00	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	2.00	Lab Scheduled	3.00	17.5	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	4.00		Contact Total	70.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00

Total Student Learning Hours: 105.00

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

Instruction in the advance techniques of dental radiology, anatomical landmarks, dental anatomy pertaining to dental radiography, exposure and processing faults. Emphasis is on evaluation of the quality of the films both intra- and extra-oral. Processing and maintaining automatic processors. Knowledge of panoramic techniques and other related radio- graphic equipment.

**Prerequisites/Corequisites:**

DNA 65A

**Recommended Preparation:**

Eligibility for English 100A, 104 or 1A or equivalent

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Instruction in the advance techniques of dental radiography, anatomical landmarks, dental anatomy pertaining to dental radiography, exposure & processing faults. (Grade Only)

Prerequisites/Corequisites: DNA 65A

Recommended: Eligibility for English 100A, 104 or 1A or equivalent

Limits on Enrollment:

Transfer Credit: CSU;  
Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Transferable	Effective:	Fall 1981	Inactive:
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<b>UC Transfer:</b>	Effective:	Inactive:
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**CID:**

**Certificate/Major Applicable:**  
Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

1. Apply principles of patient education as it relates to dental radiography.
2. Apply principles of patient management during radiographic procedures.
3. Demonstrate a knowledge of legal aspects related to ownership of dental films.
4. Demonstrate the process of film duplication.
5. Analyze the ways radiographs are used in the diagnosis of periodontal disease.
6. Demonstrate the parallel technique for patient positioning and film exposure.
7. Demonstrate the radiographic technique for children.
8. Evaluate the quality of radiographs and explain the necessary corrections.
9. Demonstrate automatic processing procedures.

### **Topics and Scope:**

- I. Quality Assurance
  - A. Quality film
  - B. Review patient and staff radiation safety procedures
- II. Mounting
  - A. Care and storage of film
- III. Bisecting the Angle Technique
  - A. Advantages and disadvantages
  - B. Principles of the technique
- IV. Ownership of Radiographs
- V. Darkroom Processing Procedures
- VI. Evaluation of Radiographs
- VII. Extra-oral Techniques and Occlusal Techniques

## VIII. Radiographic Interpretation

### Assignment:

Reading assignments in texts and course syllabus

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing  
0 - 0%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems, Field work, Lab reports, Quizzes, Exams

Problem solving  
30 - 75%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances, Field work, Performance exams

Skill Demonstrations  
15 - 50%

**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion

Exams  
10 - 20%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

### Representative Textbooks and Materials:

Torres, H. & Ehrlich, A. Modern Dental Assisting. 4th Ed. W.B. Saunders, 1991

Chasteen, J. Essentials of Clinical Dental Assisting. 4th Ed. Mosby, 1991