

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: DAST 103/DAST 103 L Department: Dental Assistant

Course Title: Dental Radiology 1 Semester: Spring Year: 1997

Objectives/Competencies

Course Objective	Competencies
<ol style="list-style-type: none">1. Identify the value of dental radiographs.2. Identify the dental x-ray unit, its components and operation.3. Identify the characteristics of ionizing radiation.4. Describe the effects of radiation exposure and its biological effects.5. Define the technical guidelines for safe radiation measures for the patient and the operator.6. Explain the technical aspects of dental radiation measures for the patient and the operator.7. Demonstrate applied aspects of dental radiation production.8. Differentiate between the parallel and the bisect-the-angle techniques in theory and application.9. Demonstrate the ability to evaluate and interpret a full mouth radiographic series.10. Identify anatomical landmarks to assist in the process of mounting a full mouth radiographic series.11. Demonstrate the ability to evaluate and interpret a full	

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<p>mouth radiographic series.</p> <p>12. Compare and contrast the panoramic and extra oral radiographic techniques utilized as diagnostic aids.</p> <p>13. Demonstrate proficient skill when exposing, processing, mounting and interpreting dental radiographs on the dexter mannequins.</p> <p>14. Demonstrate proficiency in infection control standards during technique and processing radiographic procedures.</p>	