

**RADIATION PRINCIPLES, BIOLOGY AND  
DENTAL RADIOGRAPHIC TECHNIQUES  
FOR DENTAL ASSISTANTS**

**Course:** This course meets Florida Board of Dentistry educational requirements for certification of dental assistants as dental radiographers.

**Material To Be Covered:**

1. Dental radiography practice and equipment
2. Radiation biology and protection
3. Radiographic film and film processing
4. Parallel technique theory and application
5. Bisecting technique theory and application
6. Radiographic anatomy, viewing and interpretation
7. Supplemental and bite-wing techniques
8. Extraoral radiography
9. Infection control in the dental environment

**Faculty:** Linda Rae Flood, Instructor of Dental Assisting  
Jolene Dunbar, Adjunct Faculty

**For Whom:** Dental assistants who:

1. Are eighteen (18) years of age or older
2. Must document having completed at least 3 months of continuous on the job training through assisting in the positioning and exposing of dental radiographic film under the direct supervision of a Florida licensed dentist. A letter of verification is required from your dentist/employer prior to the first class session.
3. Must have read chapters and completed practice quizzes for the following chapters: #8, #9, #10, #11, #12, #38, #39, #40, #41, and #42.

**When:** Testing and Competencies will be scheduled with the instructor after student has registered and completed home study reading and practice quizzes. The student will be given a user name and password to access practice quizzes and online material.

**Where:** Lorenzo Walker Institute of Technology  
3702 Estey Avenue, Naples, FL 34104  
Health Science Department, Building #2-164

**Cost:** Tuition \$123.00  
Lab Fee \$ 50.00  
Textbook and Workbook – May be purchased at LWIT Bookstore

**Certificate:** LWIT Radiography Certificate of Completion (32 hours)  
(20 hours Home Study)

**Additional Information:** Each participant must bring a lab coat and safety glasses. A lab coat must be worn over appropriate street clothes. Safety glasses must be worn for lab exercises.

For further information, contact the Dental Assisting Department 377-0932 or Lin Flood's cell: 405-3111.

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*For questions or complaints (adults) regarding the Educational Equity Act, Title IX, Section 504 (Rehabilitation Act), or the Americans with Disabilities Act, contact Allun Hamblett, Executive Director of Human Resources, (239) 254-4226. For questions or complaints (students) regarding the Educational Equity Act, Title IX, or The Age Discrimination Act of 1975, contact Diedra Landrum, Coordinator of Student Services/Guidance & Counseling, (239) 254-4267. For questions or complaints (students) regarding Section 504 (Rehabilitation Act) and the Americans with Disabilities Act, contact Larry Ruble, Coordinator of Student Services/ Psychological Services, (239) 254-4270. The address for the above contacts is: The District School Board of Collier County, 5775 Osceola Trail, Naples, FL 34109.*