



LAKE AREA
TECHNICAL INSTITUTE

It's your world.

Introduction to Basic Concepts in Dental Radiography

Thursday and Friday, February 4 and 5, 2010
8:00 – 5:00

This hands-on 16 hour course is designed to introduce the participant to basic concepts in dental radiation, including its nature, generation and biologic effects. The primary focus will be on exposing radiographs safely, accurately and achieving consistent results. This course meets requirements of the SD State Board of Dentistry. Specific objectives are to:

- Describe radiation physics and characteristics, of density, contrast, detail and definition.
- Identify the units of radiation measurements.
- Perform film processing and quality assurance procedures in dental radiography facilities.
- Describe x-ray production and controlling factors affecting image quality.
- Identify biological effects of ionizing radiation and protective measures to protect both patients and operators.
- Identify infection control techniques in dental radiography.
- Expose periapicals and bitewings utilizing film holders on manikins.
- Identify exposure and processing errors and state methods to correct.
- Mount and label exposed and processed radiographs utilizing the labial mounting system.
- Describe proper film handling and storage.
- Identify federal and state regulations pertaining to services offered.

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PLEASE NOTE: SIX PARTICIPANTS ARE NEEDED TO OFFER THIS COURSE. THE COURSE WILL BE CANCELED IF NOT FILLED TWO WEEKS PRIOR TO THE COURSE.

Name: _____
Address: _____
City: _____ State: _____ Zip code: _____
Phone: Home _____ Work: _____
E-mail _____

Mail registration and \$375.00 fee per participant to:

Lake Area Tech
Attention: Rhonda Bradberry
230 11th Street NE
Watertown, SD 57201