



Introduction to Basic Concepts in Dental Radiography

When: Thursday and Friday, July 20th - 21st , 2023

8:00 – 5:00

Where: Lake Area Tech Dental Assisting Program Area

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.
- 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.
- Describe and utilize equipment needed for conventional, digital, and panoramic radiography.
- Expose periapicals and bite-wings utilizing film holders on manikins.
- Identify different techniques used for conventional, digital and panoramic imaging.
- Mount and label exposed and processed radiographs utilizing the labial mounting system.
- Describe and identify common radiological errors on conventional and dental imaging and corrections.
- Identify federal and state regulations pertaining to services offered.

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PLEASE NOTE:

*****PARTICIPANTS MUST HAVE A DOCUMENTED MINIMUM OF 400 HOURS OF DENTAL OFFICE EXPERIENCE COMPLETED BEFORE REGISTERING FOR THE COURSE**

*****SIX PARTICIPANTS ARE NEEDED TO OFFER THIS COURSE. THE COURSE WILL BE CANCELLED IF NOT FILLED TWO WEEKS PRIOR TO THE COURSE.**

***Direct questions to Lindsey Stuwe 605-882-5284 ext 361 or Nicole Pahl ext 362
or email Lindsey.Stuwe@lakeareatech.edu or Nicole.pahl@lakeareatech.edu

Register at this link:

<https://lakeareatech.wufoo.com/forms/basic-concepts-of-dental-radiography-registration/>