DENT1106 - Dental Radiology Lecture

Credits:	3 (3/0/0)
Description:	This course includes an overview of the history of x-ray development and a review of basic mathematics and radiation physics as they apply to x-ray production. Radiographic film and digital image quality are explored. Explanation of darkroom chemistry, radiation asepsis and safety are covered. Other topics include interpretation of normal anatomy, dental film and digital image analysis, radiographic interpretation and evaluation, and quality assurance issues.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Identify alternate radiographic techniques including bisecting angles. 2. Identify x-ray unit electrical circuitry, components, and production. 3. Identify patient radiographic objects and landmarks. 4. Identify radiation biological effects. 5. Recognize exposure issues and radiation government regulations. 6. Calculate maximum permissible dose. 7. Identify exposure technique errors. 8. Describe quality radiographs. 9. Analyze technique errors. 10. Describe diagnostically acceptable radiographs. 11. Identify processing chemistry. 12. Identify radiographic anatomy and intraoral landmarks. 13. Interpret panoramic radiographs. 14. Identify radiographic visible lesions. 15. Identify various dental restorations radiographically.
MnTC goal areas:	None

Can be taking as a Prerequisite or Corequisite.

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