

**Hagerstown Community College
OFFICIAL MASTER SYLLABUS DOCUMENT**

COURSE: DEN 104 – Dental Radiology

3 credits

INSTRUCTORS: **SEMESTER/YEAR:** Fall 2017
Professor Rebecca Leonard, CDA

Class meets: Mondays, 1:00-3:00, Room 124

COURSE DESCRIPTION: This course is designed to provide the student with the theory and procedures used in dental radiography. Topics include history of the dental x-rays, radiation safety, and film exposure techniques, processing and mounting of radiographs, radiographic findings and patient management. **Total of 30 lecture hours and 45 laboratory hours.**

TEXTBOOK:

Dental Radiography Principles and Techniques 4rd Edition, Iannucci & Howerton, 2012, Saunders an imprint of Elsevier Inc., St. Louis, MO. ISBN13: 978-1-4377-1162-2

LEARNING OUTCOMES:

1. Illustrate proficiency in exposing, processing, and mounting analog and digital film radiographs.
2. Develop positive patient management techniques, as applied to dental radiography.
3. Describe the attributes of dental x-rays in relation to the benefit versus the risk of radiation exposure.

Total Hours of Coursework:

To earn one academic credit at HCC, students are required to complete a minimum of 37.5 clock hours (45 fifty-minute “academic” hours) of coursework per semester. Those hours of coursework may be completed through a combination of hours within the classroom and hours outside the classroom. Certain courses may require more than the 37.5 minimum hours of coursework per credit.

For most classes, students should expect to do at least 2 hours of coursework outside of class for each hour of in-class coursework.

ACCOUNTING FOR CREDIT HOUR REQUIREMENT

Assignment/Assessment	Clock Hours
Reading/Studying for Lecture Exams	6 exams x 3 hours per exam = 18
Reading/Studying for Final	20 hours
Preparing for Lab	30 mins/week = 7.5 hours
Lab project critiques	30 mins/week = 7.5 hours
Patient Education Project	15 hours
Total out of class time	68 hours

Services for Students with Disabilities: Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at dss@hagerstowncc.edu or at 240-500-2530.