

**Hagerstown Community College  
OFFICIAL MASTER SYLLABUS DOCUMENT**

**COURSE:** DHY 104 – Dental Radiology 3 credits

**INSTRUCTORS:** Ms. Marlaina Lantzy RDH,MS  
Ms. Rhonda Hull, RDH  
Ms. Kelanie Yordy, RDH, MS

**SEMESTER/YEAR:** Fall 2017  
Lecture: Mondays 10-12AM CPB-124  
Lab: Thursdays 9AM-12PM CPB- 128  
or Thursdays 1-4PM CPB-128

**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.** Prerequisites: Acceptance into the Dental Hygiene Program. Co-requisites: DHY 101, DHY 102.

**TEXTBOOK:**

Dental Radiography, 5th Edition (2017) Joen Iannucci DDS MS and Laura Jansen Howerton RDH MS Elsevier ISBN: 9780323297424

**STUDENT 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	5 exams x 3 hours per exam = 15
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
<b>Total out of class time</b>	<b>68 hours</b>

**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](mailto:dss@hagerstowncc.edu) or at 240-500-2530.