

Hagerstown Community College
OFFICIAL MASTER SYLLABUS DOCUMENT

COURSE: DEN 107 – Dental Materials 3 Credits

INSTRUCTOR: Rebecca Leonard

SEMESTER/YEAR: Fall 2017

COURSE DESCRIPTION:

This course is designed to familiarize the student with commonly used materials in dentistry. Focus will be on proper storage, manipulation and use of dental materials. Students will apply topics covered in the didactic portion of the course in a supervised lab setting. Course fee required. Total of 15 hours of lecture, 60 hours of laboratory.

PRIMARY TEXTBOOKS:

Hatrick, Eakle and Bird. Dental Materials, Clinical Applications for Dental Assistants and Dental Hygienists. Saunders Elsevier, 2011, Second Edition. ISBN: 978-1-4377-0855-4

Bird, D. and Robinson, D. Modern Dental Assisting Student Workbook, Saunders Elsevier Publishers, 2012, 10th Edition. ISBN: 978-1-4377-2728-9

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, the student will have the ability to:

1. Categorize the variety of materials utilized in clinical and laboratory settings.
2. Identify the dental materials that the dental assistant is allowed to prepare.
3. Maintain asepsis protocol during procedures utilizing various forms of dental materials
4. Identify dental materials in radiographic surveys.
5. Explain the differences and importance of maintaining up-to-date information about dental materials.
6. Describe the methods and procedures of working with dental materials.
7. Describe safety measures employed with dental materials.
8. Define dental materials seen in the exam.

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 semester. This 3 credit course meets for 7.5 weeks and achieves the minimum of 106.87 hours of total time by requiring 4.75 hours of instructional time and 9.5 hours of student work outside of instructional time per week. $14.25 \times 7.5 = 106.87$

Accounting for the credit hour requirement: .

Assignment/assessment	Clock hours
Homework, reading, Memorization, Forums	5 hours
Studying for regular exam/ quizzes	5 hours
Final assessment	4.25
Total time out of class	14.25 per week

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.