

**Hagerstown Community College**  
**OFFICIAL MASTER SYLLABUS DOCUMENT**

**COURSE:** CAD- 226 CAD III: Architectural

**3 CREDITS**

**INSTRUCTOR:**

**SEMESTER/YEAR:**

**COURSE DESCRIPTION:** This is a hands-on competency based course which uses computer-aided design software to produce architectural drawings including floor plans, elevations, schedules details and three-dimensional models. Field trips and course fee required.

**TEXTBOOK:** Architectural: Residential Drafting and Design. Publishers: Goodheart-Willcox Company Inc. Authors: Clois E. Kicklighter ISBN: 1-59070-195-X

**STUDENT LEARNING OUTCOMES:**

Upon completion of this course students will be able to:

- Create a set of working residential drawings.
- Create a portfolio of construction/architecture drawings for a residence

**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. What does this mean for you – since this is a three credit online class presented over a 15 week period you would work on this class approximately 9 academic hours per week.

| <b>Assignment/assessment</b>   | <b>Clock Hours</b>   |
|--------------------------------|--|
| Reading Assignments/Activities | <b>56 hours</b> (4 hours per week; 14 weeks of reading)<br>* The number of hours per reading assignment may vary according to the book assignment. |
| Lab Assignments                | <b>60 hours</b> (4 hours per lab; 15 labs)   |
| Mid-term and Final Exams       | <b>4 hours</b> (1 hour for mid term; 3 hours for final)  |
| <b>Total hours = 120 hours</b> |  |