

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

**COURSE:** SDE 207 Multimedia Project Development, 3 Credits

**INSTRUCTOR:**

**SEMESTER/YEAR:** Spring 2018

**COURSE DESCRIPTION:**

Provides the structure and environment to design, develop and deliver web-based multimedia projects. This is a capstone course in the Simulation and Digital Entertainment program. Students' will work together in teams to create a learning object (if applicable). Laboratory fee is required. Prerequisite: Completion of 50% of more of Program Requirements.

**TEXTBOOKS:**

Lynda.com tutorials: Suggested.

**OTHER NEEDED MATERIAL (BRING TO ALL CLASSES):**

Audio Headset

Calculator

Pencil (non-mechanical)

Ruler

Flash Drive or "Save-able" Media

**STUDENT LEARNING OUTCOMES AND COURSE CONTENT OBJECTIVES:**

- Address simulation and gaming solutions with professionalism and ethics
- Adeptly simulate, model or animate in 2 dimensions and 3 dimensions
- Analyze, select and apply tools appropriate for a specific solution
- Logically formulate scripts and/or programs to solve problems
- Understand and articulate interactivity in the gaming industry, including the connectivity between computer art and programming
- Apply programming or artistic theory in practical applications
- Demonstrate problem solving skills through verbal and written media
- Apply rudimentary physical principles to animations or simulations

**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.

|                          | DIRECT Faculty Instruction In-class | Student Work Out of Classroom |
|--------------------------|-------------------------------------|-------------------------------|
| Tests and prep (Study)   | 3                                   | 12                            |
| Professional Development | 6                                   | 9                             |
| Projects                 | 36                                  | 59                            |
| <b>Total Hours</b>       | <b>45 h</b>                         | <b>90 h</b>                   |

**Services for Students with Special Needs:**

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.