

Hagerstown Community College
OFFICIAL MASTER SYLLABUS DOCUMENT

COURSE: SDE 203 3D and Advanced Animation, 3 Credits

INSTRUCTOR: Matthew Hast

SEMESTER/YEAR: Fall 2017

COURSE DESCRIPTION:

Explores the process of how to create and animate 3D landscapes and objects. Laboratory fee required. 3D Studio Max will be incorporated into the lecture and projects. Prerequisite: SDE 102 and GDT 112 or consent of TCS Division.

TEXTBOOKS:

Murdock, Kelly. Autodesk 3ds Max 2017 Complete Reference Guide. SDC Publications, 2017.

STUDENT LEARNING OUTCOMES AND COURSE CONTENT OBJECTIVES:

- Create assigned animations using modeling, texture map, visual effects and rendering
- Create “clay models” and wireframes
- Animate created model and apply them in landscapes and backdrops
- Address simulation and gaming solutions with professionalism and ethics
- Adeptly model and animate in 2 dimensions and 3 dimensions
- Analyze, select and apply tools appropriate for a specific solution
- Apply programming and artistic theory in practical applications
- Demonstrate problem solving skills through verbal and written media

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.

	Faculty Instruction Online (HR)	Student Work Out of Classroom (HR)
In-class “lecture”	15	
Reading chapters	13	15
Quiz/activity for each chapter	1.5	20
Research project	8	40
Total Hours	37.5	75

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.