



CHATTAHOOCHEE VALLEY COMMUNITY COLLEGE

Short Certificate - Visual Communications: Simulation and Modeling option

The simulation and modeling short certificate teaches the theory, tools and techniques necessary for creating high-quality graphics. Students will learn the principles of interactive 3D, 3D modeling, GIS and programming. They are introduced to 2D and 3D editing software and programming tools. Emphasis is placed on acquiring the skills necessary to create scalable virtual characters and environments for use in simulations and games.

	credit hours
Required courses	12
CIS 153 Introduction to Unity 3D Scripting	3
CIS 223 Three-Dimensional Computer Modeling	3
CIS 294 Special Topics: Capstone	3
CIS 196 Commercial Software Applications (Photoshop).....	3
or VCM 185 Digital Imaging.....	3
Total	12