

## Short Certificate - Visual Communications: Multimedia Graphic Design option

The Multimedia Certificate program in Visual Communications is designed for persons seeking employment and for professional development for persons already employed. Credits earned may be applied toward the Associate in Applied Science degree in Visual Communications with the Print Media or Multimedia option.

	credit hours
<b>Required courses</b> .....	<b>24</b>
ART 121 Two-Dimensional Composition .....	3
CIS 150 Introduction to Computer Logic and Programming .....	3
or CIS 153 Introduction to Unity Scripting .....	3
CIS 151 Graphics for the World Wide Web .....	3
CIS 207 Introduction to Web Development . .....	3
ENG 101 English Composition .....	3
VCM 150 Typography .....	3
VCM 172 Digital Illustration I .....	3
VCM 185 Digital Imaging I .....	3
VCM 254 Graphic Design .....	3
<b>Additional certificate requirements</b> .....	<b>3</b>
*ORI 101 Orientation to College .....	1
WKO 101 Workplace Skill Development .....	2
<b>Total</b> .....	<b>27</b>

## 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
<b>Required courses</b> .....	<b>12</b>
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
<b>Total</b> .....	<b>12</b>

\* Students may use ORI 105, Orientation and Student Success, to satisfy this requirement. Enrollment in this three credit-hour class will add two semester hours to the student's program total.