

Multimedia - Computer-Aided Technology

Certificate of Mastery

Minimum of 37 Credits

Multimedia is the integration of multiple forms of media, such as text, sound, graphics, animation, and video to inform or entertain the audience.

The Multimedia emphasis in Computer-Aided Technology provides students with a wide range of developing skills such as, traditional graphic design, interactive or web design, motion design, and video production, as well as knowing which kind of creative solution is best for your client. This program will allow students to utilize all the tools that drive today's media and entertainment projects, and will prepare students for life as a professional designer.

The Multimedia emphasis is an appropriate starting point for students who seek a professional career in graphic arts, digital media, interactive media, web design, photo editing, 3D modeling, animation, video editing and special effects.

The Multimedia certificate is also well-suited for enthusiastic amateurs and designers looking to explore this exciting field as a recreational endeavor.

Areas of emphasis are also available in Game Design, Computer-Aided Design (CAD) and Geographic Information Systems (GIS). Students should seek a faculty advisor early in the program

Course #	Course Name	Credits	Type	Prerequisites
<i>Suggested Freshman 1st Semester</i>				
CAT 1214	COMPUTER-AIDED DESIGN (CAD)	4	Major	(R) (M)
CAT 1513	DIGITAL IMAGING	3	Major	CS 1103 or CAT 1413 or Evaluation by Instructor
CS 1103	(1) INTRODUCTION TO COMPUTERS AND APPLICATIONS	3	Major	(R)
ART 1213	FOUNDATIONS I: DESIGN AND COLOR	3	Major	(R)
<i>Suggested Freshman 2nd Semester</i>				
CAT 2533	3D RENDERING AND DESIGN VISUALIZATION	3	Major	(R) (W)
CS 1363	MULTIMEDIA	3	Major	(R) (W) (M), CS 1103 or Evaluation by Instructor
CS 2413	WEB SITE DEVELOPMENT	3	Major	(R) (W), CS 1103 or Evaluation by Instructor
GCOM 1053	ELECTRONIC PUBLISHING: INDESIGN I	3	Major	(R)
<i>Suggested Sophomore 1st Semester</i>				
CAT 2633	3D ANIMATION AND SPECIAL EFFECTS	3	Major	(R) (W), CAT 2533 or Evaluation by Instructor
CS 2143	DIGITAL VIDEO EDITING	3	Major	(R) (M), CS 1363 or Evaluation by Instructor
CS 2433	WEB ANIMATION	3	Major	(R) (M), CS 1363 or Evaluation by Instructor
ART 1183	COMPUTER DRAWING: ILLUSTRATOR	3	Major	(R)

Major Courses: (37 credit hours) Art: ART 1213; Computer-Aided Technology: CAT 1214, CAT 1513, CAT 2533, CAT 2633; Computer Science: (1) CS 1103, CS 1363, CS 2143, CS 2413, CS 2433; Graphic Communications: GCOM 1053, GCOM 1183

Notes: A Certificate of Mastery program is designed to meet the needs of an individual who wants to enter the job market following the completion of the certificate.

(1) Advanced Standing is available