

COMPUTER GRAPHICS DESIGN

<http://cias.rit.edu>

PROGRAM OVERVIEW FOR EMPLOYERS

This internationally recognized program offers concentrations in interactive design for Web, DVD, and mobile devices; three-dimensional digital graphics; motion graphics; game art and design; and information visualization. The curriculum combines knowledge of design theory, methodology, and aesthetics with skills in two- and three-dimensional computer graphics, interactive techniques, and interface design. Students utilize cutting-edge technology to produce a vast array of dynamic work for the screen (computer, broadcast, mobile).

The program focuses on experimental and practical approaches to the expression of unique visions. Students create interactive websites, applications for mobile devices (cell phone and iPhone), opening title credits for movies and television broadcast, interactive graphic novels, immersive three-dimensional environments, and computer games realized from their imaginations. RIT's School of Design was listed in BusinessWeek Magazine as one of the top 60 design schools world-wide.

Degree(s) Awarded

Master of Fine Arts

Enrollment

Approximately **70 students** are enrolled in the graduate computer graphics design program.

Cooperative Education Component

Students are eligible to participate in an optional co-op program the summer between their first & second years.

Salary Information (Avg/Range)

Co-op:	\$24.46	\$18.00 - \$25.86
MFA:	\$60,500	\$40,000 - \$72,000

Equipment & Facilities

Resources in the Digital Studio are accessible 24 hours a day, seven days a week and include three-dimensional digitizers, physical computer interfaces, motion capture systems, three-dimensional printers, monitor tablets, and a wide variety of software applications.

Hardware: Macintosh G5 computers and Windows BOXX computers, scanners, digital video cameras, video editing decks, sound editing booth, DTI 3D computer stations, interactive state-of-the-art classroom.

Software:

Flash, Director, Photoshop, Illustrator, After Effects, Dreamweaver, Premiere, Final Cut Pro, MAYA, Cinema 4D.

Languages:

XML, (X)HTML, CSS, ActionScript.

Accreditation

National Association of Schools of Art & Design

Student Skills & Capabilities

- Design of interactive digital media, including interactive exhibits, training and education modules, software interface, and web site development.
- Digital video and sound, 3-D modeling, interface design, interactive multimedia, authoring languages, animation, digital imaging

Computer Graphics Design

Course Sequence MFA degree

The Program encompasses three main tracks of study:

1. Interactive Design
2. Motion Graphics
3. Three dimensional digital graphics

The 90 credit hour MFA degree in computer graphics design includes the following courses:

Survey of Computer Graphics
Digital Video
Design Research
Authoring Multimedia
QTVR and Multimedia Design
3DDG Modeling
3DDG Interactive Motion
Graphical User Interface
3DDG Lighting
3DDG Shading
3DDG Character Design
3DDG Rendering

3-D Computer Graphics Design
Digital Typography in Motion
Instructional Multimedia
2-D Computer Animation
Advanced Computer Graphics Design I
Advanced Computer Graphics Design II
Vector-based Multimedia Design III
Special Effects
Advanced Computer Graphics Design III
Production Pipeline
Thesis Planning
Thesis: Computer Graphics Design

Employers of Computer Graphics Design Co-op and Graduating Students:

Adobe Systems Inc., Bausch & Lomb, Betty Brinn Children's Museum, Big Spaceship, Coombs Media, Current TV, Datrose Industries, Eagle Productivity Solutions, Eastman Kodak Co., Element K, ESPN, Firstborn, Iconfactory.com, Moog Inc., Nixon Peabody LLP, R/GA, The Partners Group, TOTO Multimedia, US Department of Defense, Xerox Corporation, Yahoo!, Zengobi Software

Career Outcomes

Job Titles: Multimedia developer, multimedia designer, web page designer, computer graphics designer
Functions: Design & program interactive multimedia presentations for business and education; create animation and computer graphics for visuals.

Contact Us:

We appreciate your interest in hiring RIT co-op, graduating students or alumni. We will make every effort to make your recruiting endeavor a success. Call our office and ask to speak with Gretchen Burruto, the program coordinator who works with the Computer Graphics Design program. For your convenience, you can access information and services through our web site at <http://www.rit.edu/recruit>.

Gretchen E. Burruto

Assistant Director

Office of Cooperative Education and Career Services
RIT . Bausch & Lomb Center . 57 Lomb Memorial Drive . Rochester NY 14623-5603
585.475.5462
burruto@mail.rit.edu