

**R GCIP 149 Page Layout and Design I (3)***6 hours lecture/laboratory***Note:** Cross listed as GCIP 149; may be taken 4 times**Transfer acceptability:** CSU

Introduction to electronic document design and page layout, electronic composition, text and graphics entry with computers. Students will create a variety of projects including but not limited to: brochures, flyers, and newsletters.

**R GCIP 152 Desktop Publishing/Illustrator I (3)***6 hours lecture/laboratory***Note:** Cross listed as GCIP 152; graded only; may be taken 4 times**Transfer acceptability:** CSU

Introduction to electronic layout on the microcomputer. Illustrator will help the student generate new images or convert bitmapped images into PostScript. Quality levels needed for electronic output will be evaluated.

**R GCIP 170 Screen Printing (3)***6 hours lecture/laboratory***Note:** Cross listed as GCIP 170; graded only; may be taken 4 times**Transfer acceptability:** CSU

Screen printing theory and application of layout and image preparation, computer applications, stencil methods, process camera and basic screen printing techniques. Practical application is stressed.

**R GCIP 172 Textile Screen Printing (3)***6 hours lecture/laboratory***Note:** Cross listed as GCIP 172; graded only; may be taken 3 times**Transfer acceptability:** CSU

Theory and application of screen printing for textile use. Copy preparation for multicolor reproduction, color matching, ink selection, and mesh and stencils for material compatibility.

**R GCIP 197A Topics in Graphic Communications (.5-4)**

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.

**Note:** Cross listed as GCIP 197A; graded only; may be taken 3 times**Transfer acceptability:** CSU

Short term or special topic course, lecture or laboratory courses in various topics in Graphic Communications.

**R GCIP 249 Page Layout and Design II (3)***6 hours lecture/laboratory***Prerequisite:** A minimum grade of 'C' in GCIP/R GCIP 140 and GCIP/R GCIP 149**Note:** Cross listed as GCIP 249; may be taken 4 times**Transfer acceptability:** CSU

Intermediate concepts of electronic document layout, typography, and graphics. Software capabilities in creating sophisticated graphic and type treatments.

**R GCIP 260 Portfolio Development and Presentation (3)***6 hours lecture/laboratory***Prerequisite:** A minimum grade of 'C' in R GCIP/GCIP 140 and R GCIP/GCIP 152**Note:** Cross listed as GCIP 260; graded only; may be taken 2 times**Transfer acceptability:** CSU

Students will develop a personal portfolio to showcase their graphic skills and techniques. Various resources, including the Internet, will be used to conduct a job search, develop a resume and learn interviewing techniques. Guest speakers will share industry tips. Students will practice presentation and interviewing skills, with feedback from professionals working in graphics and related industries.

## Graphic Communications - Multimedia & Web (R GCMW)

See also Graphic Communications and  
Graphic Communications - Imaging & Publishing

**COURSE OFFERINGS**

Courses taken for college credit may be applied toward a certificate or an Associate in Arts degree.

**R GCMW 101 Multimedia I (3)***6 hours lecture/laboratory***Note:** Cross listed as GCMW 101; graded only; may be taken 4 times**Transfer acceptability:** CSU

Introduction to multimedia authoring software combining text, graphics, sound, animation, video clips, and user interface to produce effective visual presentations.

**R GCMW 102 Web Page Layout I (3)***6 hours lecture/laboratory***Note:** Cross listed as GCMW 102; graded only; may be taken 4 times**Transfer acceptability:** CSU

A hands-on introduction to page layout for the Internet. Typographic considerations, screen layout, graphical interfaces, and structured page design for effective Internet communications.

**R GCMW 103 Interactive Publishing with PDF's (3)***6 hours lecture/laboratory***Note:** Cross listed as GCMW 103; graded only; may be taken 4 times**Transfer acceptability:** CSU

This hands-on course looks at a comprehensive range of print, Web, and multimedia features in Adobe Acrobat for creating and distributing electronic documents reliably and securely. Topics and projects include e-books, forms, editing, prepress, accessibility, capture, and a variety of methods to convert and repurpose documents.

## Optical Technology (R OT)

**COURSE OFFERINGS**

Courses taken for college credit may be applied toward a certificate or an Associate in Arts degree.

Courses numbered under 100 are not intended for transfer credit.

**R OT 70 Ophthalmic Medical Assisting I (2)***4 hours lecture/laboratory***Note:** Graded only

Introduction to assisting in the ophthalmic medical environment. Topics include ophthalmic exam, ophthalmic drugs, structure, function and common diseases of the eye and related tissues, optics and refraction, ocular motility and visual fields. Course content aligns with national certification standards for Certified Ophthalmic Assistant (COA) as set forth by the Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO).

**R OT 75 Ophthalmic Medical Assisting II (2)***4 hours lecture/laboratory***Prerequisite:** A minimum grade of 'C' in R OT 70**Note:** Graded only

Intermediate-level training in the ophthalmic health field. Includes keratometry, topography, refractometry, retinoscopy, slit lamp examination, tonometry, visual field testing, ultra-sound A-Scan measurements, intraocular implant calculations and ultra-sound B-Scan examination. Course content aligns with national certification standards for Certified Ophthalmic Technician (COT) as set forth by the Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO).

**R OT 97 Optical Technology Topics (.5-4)**

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.

**Note:** Graded only; may be taken 4 times

Topics in Optical Technology. See Class Schedule for specific topic offered. Course title will designate subject covered.