

**Prerequisite:** Current San Diego County Food Handler Card

**Recommended preparation:** FCS/MICR 110

**Note:** Cross listed as CUL 120; graded only; may be taken 2 times  
Fundamentals of baking, including ingredient properties and function, and preparation and evaluation of a variety of yeast products, quick breads, cookies, cakes, pies and pastries. Students will be expected to meet high standards of professionalism, sanitation and work habits.

### **R CUL 121 Patisserie and Baking II (3)**

*1 hour lecture-4 hours lecture/laboratory*

**Prerequisite:** A minimum grade of 'C' in R CUL/CUL 120

**Note:** Cross listed as CUL 121; graded only; may be taken 2 times  
Advanced skills in the art of patisserie. Includes classic pastries, pâte à choux, and meringues; plated desserts; and cake decorating. Students will be expected to meet high standards of professionalism, sanitation and work habits.

### **R CUL 130 Pantry/Garde Manger (3)**

*1 hour lecture-4 hours lecture/laboratory*

**Prerequisite:** Current San Diego County Food Handler Card

**Recommended preparation:** R CUL/CUL 110

**Note:** Cross listed as CUL 130; graded only  
Introduction to cold food preparation and display. Includes salads, dressings, sandwiches and canapés. Students will be expected to meet high standards of professionalism, sanitation and work habits.

### **R CUL 150 International Cuisine (3)**

*1 hour lecture-4 hours lecture/laboratory*

**Prerequisite:** Current San Diego County Food Handler Card

**Note:** Cross listed as CUL 150; graded only

A hands-on cooking, tasting and evaluating exploration of the major cuisines of the world. Includes Asian, Latin, European and American cuisines with a focus on the cultures that influenced their development. Students will be expected to meet high standards of professionalism, sanitation and work habits.

### **R CUL 197 Culinary Arts Topics (.5-3)**

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 CUL 197; may be taken 4 times

**Transfer acceptability:** CSU

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

### **R CUL 200 Menu Planning and Purchasing (2)**

*2 hours lecture*

**Prerequisite:** A minimum grade of 'C' in R CUL/CUL 111 and FCS 165/HE 165 and R CSIS 120/CSIT 120

**Note:** Cross listed as CUL 200; graded only

**Transfer acceptability:** CSU

Basic principles of menu planning and purchasing with emphasis on: menu design; specifications and pricing; purchasing, inventory control and storeroom operations; and food and beverage cost control. Includes spreadsheet and database applications. Students will be expected to meet high standards of professionalism and work habits.

### **R CUL 210 Foodservice Management (3)**

*3 hours lecture*

**Prerequisite:** A minimum grade of 'C' in R CUL/CUL 111

**Note:** Cross listed as CUL 210; graded only

Introduction to foodservice management with emphasis on human relations and employee development. Includes operational planning and coordination, problem-solving and decision-making, and personnel management. Students will be expected to meet high standards of professionalism and work habits.

### **R CUL 220 Catering and Event Planning (3)**

*1 hour lecture-4 hours lecture/laboratory*

**Prerequisite:** A minimum grade of 'C' in R CUL/CUL 111 and R CUL/CUL 130

**Note:** Cross listed as CUL 220; graded only

**Transfer acceptability:** CSU

Fundamentals of catering, including event planning, menu development and ban-

quet preparation. Includes opportunities to apply culinary theory and skills in actual practice. Students will be expected to meet high standards of professionalism, sanitation and work habits.

### **R CUL 230 Adv Garde Manger/Competition (3)**

*1 hour lecture-4 hours lecture/laboratory*

**Prerequisite:** A minimum grade of 'C' in R CUL/CUL 111 and R CUL/CUL 130

**Note:** Cross listed as CUL 230; graded only

Application of advanced garde manger techniques in practical situations and culinary competition. Includes classical buffet presentation, decorative displays and artistic centerpieces. Students will be expected to meet high standards of professionalism, sanitation and work habits.

### **R CUL 240 Wines and Affinities (1)**

*1 hour lecture*

**Prerequisite:** A minimum grade of 'C' in R CUL/CUL 111

**Note:** Cross listed as CUL 240; graded only

Classification and identification of wines, with emphasis on properties and affinities with food. Includes wines from various regions of the world. Students will be expected to meet high standards of professionalism and work habits.

### **R CUL 298 Culinary Directed Practice I (3)**

*3 hours lecture-10 hours laboratory*

**Prerequisite:** A minimum grade of 'C' in R CUL/CUL 111 and R CUL/CUL 130 or R CUL/CUL 121

**Note:** Cross listed as CUL 298; graded only

Directed learning opportunity for culinary arts students to increase their knowledge and skill in the areas of hot and cold food production through supervised on-the-job training. Students will be expected to follow Culinary Arts standards of professionalism. Current San Diego County Food Handler Card and TB clearance required.

### **R CUL 299 Culinary Directed Practice II (3)**

*3 hours lecture-10 hours laboratory*

**Prerequisite:** A minimum grade of 'C' in R CUL/CUL 298, R CUL/CUL 200, FCS 110/MICR 110 and FCS 165/HE 165

**Note:** Cross listed as CUL 299; graded only

Directed entry-level professional work experience in the foodservice industry that provides exposure to the foodservice industry and an opportunity for culinary arts students to practice and demonstrate their employability skills and reflect on their future roles in the industry. Students will be expected to follow Culinary Arts standards of professionalism. Current San Diego County Food Handler Card and TB clearance required.

## **Graphic Communications - Imaging & Publishing (R GCIP)**

See also Graphic Communications and

Graphic Communications - Multimedia & Web

## **COURSE OFFERINGS**

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

### **R GCIP 103 Acrobat for Print (3)**

*6 hours lecture/laboratory*

**Note:** Cross listed as GCIP 103; may be taken 4 times

**Transfer acceptability:** CSU

Hands-on instruction in creating and editing high quality, print-ready PDF files using Adobe Acrobat. This course also includes the estimating of materials and labor relative to current industry practices for the production of a printed product.

### **R GCIP 140 Digital Imaging/Photoshop I (3)**

*6 hours lecture/laboratory*

**Note:** Cross listed as GCIP 140; graded only; may be taken 4 times

**Transfer acceptability:** CSU

The study of digital imaging and editing with Adobe Photoshop for visual, pictorial and graphic use in all media. Emphasis on creating and enhancing imagery for effective use in mass communication mediums.

**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.