

GEOL 195D Field Studies in Geology: Colorado Plateau Region (1-3)

½ - 1½ hours lecture - 1½ - 4½ hours laboratory

Prerequisite: GEOL 100, or GEOL 110**Transfer acceptability:** CSU; UC

Extended field studies of the geologic processes that shape the Colorado Plateau region. Emphasis on stratigraphy and paleogeography, development and hydrology of the Colorado River system, erosional landforms, fossil and mineral resources, regional structural deformation, igneous and volcanic history, and relationship to the ancestral and modern Rocky Mountains.

GEOL 195E Field Studies in Geology: Sierra Nevada Region (1-3)

½ - 1½ hours lecture - 1½ - 4½ hours laboratory

Prerequisite: GEOL 100, or GEOL 110**Transfer acceptability:** CSU; UC

Extended field studies of the geologic processes and landscape evolution of the Sierra Nevada region. Emphasis on Pleistocene glacial history and glacial landforms, subduction zone processes including pluton emplacement and terrane docking history, Long Valley-Inyo Craters volcanic history, gold mineralization and mining history, regional fault systems, volcanism and uplift of the modern Sierra Nevada range.

GEOL 195F Field Studies in Geology: Death Valley Region (1-3)

½ - 1½ hours lecture - 1½ - 4½ hours laboratory

Prerequisite: GEOL 100, or GEOL 110**Transfer acceptability:** CSU; UC

Extended field studies of the geologic processes that shape the Death Valley region. Emphasis on the tectonic evolution of the Death Valley and the Basin and Range province, depositional history of stratigraphic units from Proterozoic through Paleozoic, volcanic history, mineral and mining resources, structural landforms including the extensive faulting and folding, water resources, and climate history and development of desert landforms.

GEOL 197 Geology Topics (1-3)

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

Note: Graded only**Transfer acceptability:** CSU

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

GEOL 295 Directed Study in Geology (1, 2, 3)

Arrange 3, 6, or 9 hours laboratory with department chairperson

Prerequisite: A minimum grade of 'C' in GEOL 150**Transfer acceptability:** CSU – UC Credit determined by UC upon review of course syllabus.

Individual study in field, library, or laboratory for interested students.

German (GERM)

Contact the World Languages Department for further information.

(760) 744-1150, ext. 2390

Office: H-201

COURSE OFFERINGS

For students who have completed foreign language course work at the high school level, and need clarification regarding placement in college level course work, contact the Counseling Center. Universities have varying policies regarding the granting of transfer credit when there is a combination of high school and college level course work.

GERM 101 German I (5)

5 hours lecture - 1 hour laboratory

Transfer acceptability: CSU; UC

This course is the first semester of German. This elementary level course is a study of the German language and German-speaking cultures, with emphasis on the development of communicative skills and basic structures. Course combines in-class instruction and practice with self-paced study in the Foreign Language Laboratory. This beginning-level course is for students with no previous course-work in German.

GERM 102 German II (5)

5 hours lecture - 1 hour laboratory

Prerequisite: A minimum grade of 'C' in GERM 101 or two years of high school German**Transfer acceptability:** CSU; UC

This course is the second semester of German. This elementary level course is a study of the German language and German-speaking cultures, with continued emphasis on the development of communicative skills and basic structures. Course combines in-class instruction with self-paced study in the Foreign Language Laboratory.

GERM 201 German III (5)

5 hours lecture - 1 hour laboratory

Prerequisite: A minimum grade of 'C' in GERM 102 or three years of high school German**Transfer acceptability:** CSU; UC

This course is the third semester of German. This intermediate level course is a study of the German language and German-speaking cultures, focusing on intermediate level structures and readings of culturally relevant authentic materials. Emphasis is on developing oral, listening, reading and writing skills in order to acquire proficiency in German. Class is largely conducted in German.

GERM 202 German IV (5)

5 hours lecture

Prerequisite: A minimum grade of 'C' in German 201 or four years of high school German**Transfer acceptability:** CSU; UC

This course is the fourth semester of German. This intermediate level course is a study of the German language and of special topics on the culture of the German-speaking world. Emphasis is on further development of cross-cultural awareness, as well as, the development of oral, listening, reading and writing skills in order to improve communicative competence in German. Class is largely conducted in German.

Graphic Communications (GC)

See also **Graphic Communications - Imaging & Publishing**, and **Graphic Communications - Multimedia & Web**

Contact the Graphic Communications Department for further information.

(760) 744-1150, ext. 2452

Office: MD-114

For transfer information, consult a Palomar College Counselor.

COURSE OFFERINGS**GC 100 Graphic Communications (3)**

3 hours lecture

Transfer acceptability: CSU

Explores the history and theory of effective mass communication from prehistoric cave art, to invention of the printing press, and modern graphic communication techniques using computers and the Internet. The class examines communication models revolving around imagery, type, delivery systems, and technology. The students will be able to understand and establish the effects of a clear visual message. Learning modules include slideshow, field trips, guest speakers, discussion, lectures and hands-on application with computers and the Internet to promote an understanding of graphic communications and visual messages and their impact on society.

GC 101 History of Graphic Communications (3)

3 hours lecture

Transfer acceptability: CSU

This course focuses on the history and evolution of graphic communications from prehistoric pictographs to present day graphic design. Topics include the invention of writing and the creation of alphabets. Other topics include world influences on print and aesthetic design, and an understanding of the stylistic, social, political, economic, and historical events as related to communication and graphic design. The emphasis is on art movements, schools of thought, influential individuals, and technology as they interrelate with the history of graphic arts. Historical topics are applied to photography, print media graphics and motion graphics. Field trips to museums and guest speakers will be integrated into the topics as appropriate.

GC 102 History of the Book and Publishing: Papyrus to Pixels (3)

3 hours lecture

Transfer acceptability: CSU; UC

A foundational course that explores the history and development of the book, printing, and publishing. Also explores their correlation with advancement of society, civilization, and the dissemination of information, including the history of the printing press, typesetting, papermaking, print technology and bindery.

GC 115 Graphics and Media: A Multicultural Perspective (3)

3 hours lecture

Note: Cross listed as MCS 115**Transfer acceptability:** CSU; UC

An introduction to the impact of media technology on the visual arts from a multicultural perspective. Includes print, Internet, multimedia, and game design. Embraces the diversity and multicultural perspectives that reflect American demographics by presenting individual and collaborative contributions as well as strategies for designing niche marketing and advertising graphics for a multicultural society. Addresses the impact of globalization. Examines gender, ethnicity (African American, American Indian, Asian-Americans and/or Pacific Islanders, and Mexican American in particular), age, sexual orientation, and universal access for people with impairments.

Graphic Communications - Imaging & Publishing (GCIP)

See also Graphic Communications and
Graphic Communications - Multimedia & Web

Contact the Graphic Communications Department for further information.
(760) 744-1150, ext. 2452

Office: MD-114

For transfer information, consult a Palomar College Counselor.

Associate in Science Degrees -

AS Degree requirements are listed in Section 6 (green pages).

- Digital Imaging
- Graphic Communications - Emphasis in Digital Distribution
- Graphic Communications - Emphasis in Management
- Graphic Communications - Emphasis in Production
- Screen Printing

Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Digital Imaging
- Graphic Communications - Emphasis in Digital Distribution
- Graphic Communications - Emphasis in Management
- Graphic Communications - Emphasis in Production
- Screen Printing

Certificates of Proficiency -

Certificate of Proficiency requirements are listed in Section 6 (green pages).

- Digital Prepress Operator
- Electronic Publisher
- Screen Printer

Digital Imaging

Prepares students for entry-level position as creator and processor of digital imagery. Layout and creative position in multimedia, internet publishing, digital video, publishing, photography, and motion graphics.

Digital imaging is one of the basic requirements for all electronic communication delivery systems.

A.S. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
GCIP 122	Painter I	3
GCIP 140	Digital Imaging/Photoshop I	3
GCIP 141	Digital Imaging/Photoshop II	3
GCIP 240	Digital Imaging/Photoshop III	3
GCMW 120	Designing for the Social Web	3
GCMW 203	Web Multimedia	3
GCMW 204	Motion Graphics for Multimedia	3
GCMW 205	Digital Video for Multimedia	3
PHOT 100	Elementary Film and Darkroom Photography	3
PHOT 130	Digital Darkroom I	3
TOTAL UNITS		30

Digital Imaging A.S. Degree Major or Certificate of Achievement is also listed under Photography.

Digital Prepress Operator

Prepares students to pursue entry-level employment in the printing industry in prepress, press, and finishing processes.

CERTIFICATE OF PROFICIENCY

Program Requirements		Units
GCIP 180	Image Production Technologies	3
GCIP 182	Digital Prepress and Press II	3
TOTAL UNITS		6

Electronic Publisher

Electronic publishing encompasses computer-based document layout, composition, typography, illustration, scanning, image modification, as well as reproduction and distribution. It has revolutionized print communications. There will be a major growth in this field in the future.

Employment opportunities will be with commercial printers, corporate electronic publishers, small print shops, service bureaus, direct mail companies, magazine publishers, advertising, typographers and compositors, freelance publications, newspaper publishers, marketing and ad agencies, and in-plant printers.

CERTIFICATE OF PROFICIENCY

Required Courses		Units
GCIP 105	Design for Print Production	3
GCIP 140	Digital Imaging/Photoshop I	3
GCIP 149	Page Layout and Design I	3
GCIP 152	Digital Publishing/Illustrator I	3
TOTAL UNITS		12

Graphic Communications: Emphasis in Digital Distribution

The image reproduction and design technology publishing industry--which encompasses computer-based document layout, composition, typography, illustration, image editing, digital imaging and distribution--has revolutionized the field of visual communications. There will be major growth in this field in the future. Employment opportunities will be with corporate digital publishers, advertising agencies, direct mail distributors, magazine and newspaper publishers, freelance publications, packaging printers and other still growing segments of the industry.

Prepares students to pursue employment in the image reproduction and design technology industry including both traditional printing processes and non-print digital imaging processes.

The 21 units of Program Requirements are the same for Graphic Communications: Emphasis in Digital Distribution, Emphasis in Management, and Emphasis in Production. Students may earn one or more of these by completing the Program Requirements and Emphasis Requirements listed for each program.