

COURSE OFFERINGS

GEOL 100 Basic Geology (3)
3 hours lecture

Note: Together with GEOL 150, a prerequisite to upper division courses in Geology
Transfer acceptability: CSU; UC

Principles of physical geology. Plate tectonics, rocks and minerals, weathering, mass-wasting, surface and ground water, wind, waves and currents, glaciation, mountain building, volcanoes and other igneous activity, deformation and resulting structures, earthquakes, Earth's interior, geologic time, and earth resources.

GEOL 100L Basic Geology Laboratory (1)
3 hours laboratory

Prerequisite: A minimum grade of 'C' in GEOL 100, or concurrent enrollment in GEOL 100

Note: May be offered as a field laboratory; satisfies lab requirement in Physical Science

Transfer acceptability: CSU; UC

Laboratory and field identification of rocks and rock forming minerals. Study of geologic processes by means of geologic and topographic maps.

GEOL 110 General Geology: National Parks and Monuments (3)
3 hours lecture

Transfer acceptability: CSU

Geologic history and processes of formation of our natural landscape. Principles of physical and historical geology as revealed in the structure, stratigraphy, and rock types of the parks and monuments.

GEOL 120 Planets, Moons, and Comets (3)
3 hours lecture

Note: Cross listed as ASTR 120

Transfer acceptability: CSU; UC – ASTR/GEOL 120 and ASTR 205 combined: maximum credit, one course

The astronomy and geology of the solar system, observations, dynamics, relativistic ideas, including theories of formation and evolution. Comparative survey of the atmospheres, surface features, and interiors of planets and satellites. Minor objects, such as comets and asteroids, will be included.

GEOL 125 California Geology and Geography (3)
3 hours lecture

Note: Cross listed as GEOG 125

Transfer acceptability: CSU; UC

Emphasizes the physical geographic and geologic factors that have combined to form the varied landscapes of California. Climate and vegetation patterns, as well as the various geomorphic processes will be studied.

GEOL 150 Dinosaurs and Earth History (3)
3 hours lecture

Prerequisite: A minimum grade of 'C' in GEOL 100, 110 or 125

Transfer acceptability: CSU; UC

Principles of historical geology. The origin and evolution of Earth and its biosphere, incorporating plate tectonics, stratigraphy, paleontology, and geologic dating. Together with GEOL 100, a prerequisite to upper division courses in geology.

GEOL 150L Dinosaurs and Earth History Laboratory (1)
3 hours laboratory

Prerequisite: A minimum grade of 'C' in GEOL 150, or concurrent enrollment in GEOL 150

Transfer acceptability: CSU; UC

Laboratory and field identification of rocks and fossils. Elements of stratigraphic methods and of vertebrate and invertebrate paleontology. Study of geologic and topographic maps in relation to earth history.

GEOL 195 Regional Field Studies in Geology (1, 2, 3)
½, 1½ hours lecture - 1½, 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in GEOL 100, 110 or 125 or GEOG 100

Note: May be taken 4 times with different content for a maximum of 6 units

Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.

Extended field studies of the geology of western North America over weekends and during vacation and summer sessions. Emphasis upon field observation and interpretation of rock types, landforms, and structure. Localities visited may vary from year to year.

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: May be taken 3 times for a maximum of 6 units

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

Note: May be taken 4 times for a maximum of 6 units

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: F-5

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 coursework in German.

GERM 102 German II (5)

5 hours lecture - 1 hour laboratory

Prerequisite: A minimum grade of 'C' in GERM 101 or 101B 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

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.

At the time of publication of this catalog, Palomar College was awaiting approval by the California Community Colleges Chancellor's Office for a Certificate of Achievement in Foundations of Graphic Communications. Should approval be granted, updated information will be announced on the Palomar College catalog addendum at <http://www.palomar.edu/catalog/2011/>

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 110 Graphics and Media: A Multicultural Perspective (3)

3 hours lecture

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 Arts Degrees -

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

- Digital Imaging
- Graphic Communications - Emphasis in Electronic Publishing
- 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 Electronic Publishing
- 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 Arts
- Digital Prepress Operator
- Electronic Publisher
- Screen Printer

At the time of publication of this catalog, Palomar College was awaiting approval by the California Community Colleges Chancellor's Office for a proposed Digital Publishing Certificate of Achievement. Should approval be granted, updated information will be announced on the Palomar College catalog addendum at <http://www.palomar.edu/catalog/2011/>

Digital Arts

Specific skills for the Digital Arts certificate include graphic design methodologies, including the design process, output production and presentation. The certificate prepares students to gain competence with the industry standard for digital imaging: Adobe Photoshop. Color, resolution, input and output, production process, photography and creativity are core competencies. Upon completion of the certificate, the student may find a job as a production artist, illustrator, graphic artist, or in digital imaging.

CERTIFICATE OF PROFICIENCY

Program Requirements		Units
GCIP 140	Digital Imaging/Photoshop I	4
GCIP 141	Digital Imaging/Photoshop II	4
GCIP 240	Digital Imaging/Photoshop III	4
ARTD 150	Digital Concepts and Techniques in Art	3
or		
PHOT 230	Digital Darkroom I	3
TOTAL UNITS		15