

- PHIL 121 Introduction to Ethics** (3)
3 hours lecture
Recommended preparation: Eligibility for English 100
Transfer acceptability: CSU; UC
C-ID PHIL 120
Examines the concept of morality and values, representative ethical theories, and may include their applications to moral problems.
- PHIL 122 Social and Political Philosophy** (3)
3 hours lecture
Recommended preparation:
Transfer acceptability: CSU; UC
Introduction to philosophy focusing on the central issues of society and politics, such as the nature and justification of political authority, citizenship, law, justice (distributive and retributive), power, the limits of government and individual liberty. These issues are examined through classic and contemporary texts in the history of political philosophy.
- PHIL 125 Philosophy of Human Nature** (3)
(Formerly PHIL 103)
3 hours lecture
Recommended preparation: Eligibility for ENG 100
Transfer acceptability: CSU; UC
Survey course of theories of human nature and their presuppositions and implications. Presuppositions about human nature underlie religious, political, ethical, psychological, sociological, and scientific theories and contemporary debates in these fields. Students will read primary texts drawn from various disciplines, cultures, and/or historical periods with the goals of understanding the theories of human nature and learning how to critically evaluate them.
- PHIL 126 Philosophy of Religion** (3)
(Formerly PHIL 105)
3 hours lecture
Recommended preparation: Eligibility for English 100 as determined through the English placement process.
Transfer acceptability: CSU; UC
A critical consideration of selected perennial and modern problems: definition and role of religion and religious experience, mysticism, grounds for religious beliefs, and religious ethics. Students will be urged to evaluate critically their views of religion and their own religious beliefs.
- PHIL 140 History of Ancient Philosophy** (3)
(Formerly PHIL 135)
3 hours lecture
Recommended Preparation: Eligibility for English 100 as determined through the English placement process.
Transfer acceptability: CSU; UC
Addresses ancient philosophy. Emphasis will be on the development of Greek philosophy from the Pre-Socratics through Aristotle. May also include Hellenistic, Roman, medieval or non-western thinkers.
- PHIL 141 History of Modern Philosophy** (3)
(Formerly PHIL 136)
3 hours lecture
Recommended Preparation: Eligibility for English 100 as determined through the English placement process
Transfer acceptability: CSU; UC
C-ID PHIL 140
Addresses 16th through 18th century philosophy. Emphasis will be on broad epistemological and/or metaphysical developments of empiricism and rationalism in philosophical thought from Descartes to Kant. May include approximate precursors and successors.
- PHIL 142 Contemporary Philosophical Movements** (3)
(Formerly PHIL 130)
3 hours lecture
Recommended preparation: Eligibility for English 100 as determined through the English placement process.
Transfer acceptability: CSU; UC
A critical examination of philosophical movements that have influenced 20th Century views of the individual, society and reality, such as Existentialism, Marxism, Pragmatism and Transcendentalism. The movement of thought will be approached as an attempt to deal reflectively with certain problems of living in the modern world. The philosophy studied will vary from semester to semester.
- PHIL 197 Philosophy Topics** (.5-6)
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.
Transfer acceptability: CSU
Topics in Philosophy. See Class Schedule for specific topic covered. Course title will designate subject covered.
- PHIL 200 Critical Thinking** (3)
(Formerly PHIL 115)
3 hours lecture
Prerequisite: A minimum grade of 'C' in ENG 100
Transfer acceptability: CSU; UC
Development of skills for critical thinking including open-mindedness, functions and wayward uses of language, informal fallacies, hypotheses and inductive reasoning, and elementary deductive inference forms. Basic communication skills, especially written, are developed and a critical perspective on world views is emphasized.
- PHIL 201 Symbolic Logic** (3)
3 hours lecture
Prerequisite: MATH 56 or MATH 60 or eligibility for MATH 100 as determined through the Math placement process.
Transfer acceptability: CSU; UC
C-ID PHIL 210
Introduces the principles of valid deductive reasoning through the study of formal techniques of sentential logic and predicate logic.
- PHIL 250 Philosophy in Literature** (3)
3 hours lecture
Transfer acceptability: CSU; UC
A study of philosophical concepts as they appear in the academic and non-academic writings of philosophers, and in related writings by nonphilosophers. The writings are examined from the perspectives of both philosophical analysis and cultural context. The works and thinkers studied vary from semester to semester. See the class schedule for the current semester's theme.
- PHIL 295 Directed Study in Philosophy** (1, 2, 3)
1, 2, or 3 hours lecture
Prerequisite: Enrollment subject to project approval
Transfer acceptability: CSU; UC – Credit determined by UC upon review of course syllabus.
An individualized or group project in philosophy of any nature approved by, and under the personal supervision of, the instructor.

Photography (PHOT)

See also Journalism

Contact the Media Studies Department for further information.
(760) 744-1150, ext. 2440
Office: P-31
For transfer information, consult a Palomar College Counselor.

Associate in Science Degrees -

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

Associate in Arts Degrees -

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

Certificates of Achievement -

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

- Digital Imaging
- Photography

Certificates of Proficiency -

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

- Fine Art Traditional Photography
- Alternative Process Photography

PROGRAMS OF STUDY

Alternative Process Photography

This certificate is designed to provide an avenue for those students interested in pursuing a career as a photographer. The course work will address a range of technical issues, personal expression, aesthetics, criticism, portfolio development and history.

CERTIFICATE OF PROFICIENCY

Program Requirements	Units
PHOT 100 Elementary Film and Darkroom Photography or	3
PHOT 124 Introduction to Film and Darkroom for Digital Photographers	3
PHOT 213 Carbon Printing	3
PHOT 214 Photogravure	3
PHOT 215 Creative Photography	3
PHOT 216 Alternative Photographic Processes	3
TOTAL UNITS	15

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
GCIPI 122 Painter I	4
GCIPI 140 Digital Imaging/Photoshop I	4
GCIPI 141 Digital Imaging/Photoshop II	4
GCIPI 240 Digital Imaging/Photoshop III	4
GCMW 203 Web Multimedia	4
GCMW 204 Motion Graphics for Multimedia	4
GCMW 205 Digital Video for Multimedia	4
PHOT 100 Elementary Film and Darkroom Photography	3
PHOT 130 Digital Darkroom I	3
TOTAL UNITS	34

Digital Imaging A.S. Degree Major or Certificate of Achievement is also listed under Graphic Communications - Imaging and Publishing.

Fine Art Traditional Photography

This certificate is designed to provide an avenue for those students interested in pursuing a career as a fine art photographer. The course work will address a range of technical issues, personal expression, aesthetics, criticism, portfolio development, and history. See course description for specific topics and prerequisites.

CERTIFICATE OF PROFICIENCY

Program Requirements	Units
PHOT 100 Elementary Film and Darkroom Photography or	3
PHOT 124 Introduction to Film and Darkroom for Digital Photographers	3
PHOT 105 Intermediate Black and White Photography	3
PHOT 210 Advanced Black and White Photography	3
Electives (Select 2 courses)	
PHOT 170 The Photography and Photographers of California	3
PHOT 212 Landscape Photography	3
PHOT 213 Carbon Printing	3
PHOT 214 Photogravure	3
PHOT 215 Creative Photography	3
PHOT 216 Alternative Photographic Processes	3
ART 104 Design and Composition	3
TOTAL UNITS	15

Photography

The Photography Program offers students the opportunity to study photography from beginning to advanced levels. Our courses prepare students in a variety of areas, including fine art, editorial, and commercial photography. The program stresses development of creativity while offering a firm grounding in basic skills. Our students will be prepared for positions in the job market or transfer to a 4 year college to continue their education. Students can earn an Associate in Arts Degree or a Certificate of Achievement in Photography.

**A.A. DEGREE MAJOR OR
CERTIFICATE OF ACHIEVEMENT**

Program Requirements	Units
PHOT 120 Digital Photography	3
PHOT 100 Elementary Film and Darkroom Photography or	3
PHOT 124 Introduction to Film and Darkroom for Digital Photographers	3
PHOT 125 History and Criticism of Photography	3
PHOT 130 Digital Darkroom I	3
PHOT/JOUR 140 Photojournalism	3
PHOT 160 Photography: Professional Practices	3
PHOT 209 Photographic Portfolio	3
PHOT 220 Commercial Photography	3
PHOT 225 Photographic Portraiture	3
Electives (Select a minimum of 6 units)	
PHOT 105 Intermediate Black and White Photography	3
PHOT 135 Digital Darkroom II	3
PHOT 136 Digital Darkroom: Black and White	3
PHOT 145 Advanced Photojournalism	3
PHOT 170 The Photography and Photographers of California	3
PHOT 171 Landscape and Culture	3
PHOT 197A Photography Topics: Field Studies	1 - 3
or	
PHOT 197B Photography Topics: Technical Studies	1 - 3
or	
PHOT 197C Photography Topics: General	1 - 3
PHOT 210 Advanced Black and White Photography	3
PHOT 212 Landscape Photography	3
PHOT 213 Carbon Printing	2
PHOT 214 Photogravure	3
PHOT 215 Creative Photography	3
PHOT 216 Alternative Photographic Processes	3
PHOT 296 Special Projects	1 - 3
TOTAL UNITS	33

COURSE OFFERINGS

Courses numbered under 100 are not intended for transfer credit.

- PHOT 50 Digital Camera** (3)
3 hours lecture
Principles and use of digital cameras for beginners. Understand how your digital camera works and what the menu selections mean. Learn to download image files to your computer; make basic editing changes and how to share your images via web, email and slide presentations. The aesthetics and technology of digital photography will be discussed in lecture and critique sessions of student assignments.
- PHOT 100 Elementary Film and Darkroom Photography** (3)
1½ hours lecture - 4½ hours laboratory
Transfer acceptability: CSU; UC
Introduction to the mechanics, optics, chemistry, lighting principles, and practices of elementary photography using film. Explores the history, aesthetics, and the conceptualization of photographic imagery. Includes darkroom procedures in developing, printing, and finishing black and white photographic materials.
- PHOT 105 Intermediate Black and White Photography** (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in PHOT 100
Transfer acceptability: CSU; UC
Continues the study of the art and techniques associated with black and white photography. Problems relating to small and medium format camera systems and optics will be identified and compared. Further refinement in darkroom procedures and aesthetics will be explored.
- PHOT 120 Digital Photography** (3)
1½ hours lecture - 4½ hours laboratory
Transfer acceptability: CSU
Introduction to theory, mechanics, optics, lighting principles, and practices of photography using Digital Cameras. Explores the history, aesthetics, and the conceptualization of photographic imagery. Photographic seeing is stressed. Includes practices and procedures for image capture, asset management, software developing, printing, finishing and presentation and critique. Students are required to have an adjustable digital camera with manual exposure and RAW format capabilities.
- PHOT 124 Introduction to Film and Darkroom for Digital Photographers** (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in PHOT 120
Transfer acceptability: CSU; UC (pending)
Introduces digital photographers to analog film and darkroom methods. Includes film camera mechanics and operations, chemistry, film development, darkroom principles and practices of elementary black and white film photography. Contemporary and historical photographic imagery will be viewed and discussed. Encourages the development of personal artistic expression and visual perception through various photographic assignments. The aesthetics of photography and the conceptualization of photographic imagery will also be addressed. Many types of film cameras will be acceptable for this class. A film camera is required and your instructor will describe appropriate cameras the first day of class.
- PHOT 125 History and Criticism of Photography** (3)
3 hours lecture
Transfer acceptability: CSU; UC – PHOT 125 and 170 combined: maximum credit, one course
A survey of the history of photography from its invention to modern times and its development as an art and communication medium. Examines important photographers, their lives and works, in order to establish a critical understanding of photography and its place in our culture.
- PHOT 130 Digital Darkroom I** (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in PHOT 120
Transfer acceptability: CSU
The technology of digital photography, the computer, and inkjet printers. Emphasis on industry standard image editing software as the primary photographic processing and manipulation tools. Continuing instruction in digital image processing directed toward photographic output. Development of capabilities and use of the digital darkroom.
- PHOT 135 Digital Darkroom II** (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in PHOT 130
Transfer acceptability: CSU
A continuing investigation into the technology, theory and aesthetics of digital photography with instruction on advanced digital image processing from a photographic perspective. Emphasis will be on; creating outstanding imagery, perfecting output through the advance use of image editing software, and advancing visual literacy.
- PHOT 136 Digital Darkroom: Black & White** (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in PHOT 130
Transfer acceptability: CSU
Advanced concepts and techniques for "seeing" in black and white, and creating digital black and white photographs. Produce high-quality fine art prints.
- PHOT 140 Photojournalism** (3)
1½ hours lecture - 4½ hours laboratory
Note: Cross listed as JOUR 140
Recommended Preparation: PHOT 120
Transfer acceptability: CSU
C-ID JOUR 160
A study of the history and practice of photojournalism, providing specific application through photographing for The Telescope, Palomar College's newspaper. Student must provide own camera.
- PHOT 145 Advanced Photojournalism** (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in PHOT 140, JOUR 140
Transfer acceptability: CSU
Designed to further develop those skills learned in PHOT 140. Provides advanced-level staffing for the college newspaper, magazine, and website. Emphasizes the use of multimedia productions, such as slide shows and DSLR video.
- PHOT 160 Photography: Professional Practices** (3)
3 hours lecture
Transfer acceptability: CSU
Prepares students for success in the photography world. Instruction and tactics on creating an operational plan, necessary paperwork, ethical issues, copywriting your photographs, working with clients and building the client base, pricing, invoicing, insurance and marketing. Appropriate for Commercial and Fine Art Photographers.
- PHOT 170 The Photography and Photographers of California** (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in PHOT 100 or PHOT 120
Transfer acceptability: CSU; UC – PHOT 125 and 170 combined: maximum credit, one course
A survey and comparison of past and present California photographers and their work. An analysis of their philosophies and practices as it applies to the execution of photography as both an art and communication medium. There are numerous visitations with established photographers and galleries. Usually will require one trip of several days outside of the local area.

PHOT 171 Landscape and Culture (3)*1½ hours lecture - 4½ hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 120**Transfer acceptability:** CSU (pending)

A photographic exploration of the interaction, influences and impact connecting humans, nature and the landscape.

PHOT 197A Photography Topics: Field Studies (.5 - 4)*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.***Transfer acceptability:** CSU

Topics in Photography, Field Studies. See Class Schedule for specific topic offered. Course title will designate subject covered.

PHOT 197B Photography Topics: Technical Studies (.5 - 4)*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.***Transfer acceptability:** CSU

Topics in Photography, Technical Studies. See Class Schedule for specific topic offered. Course title will designate subject covered.

PHOT 197C Photography Topics: General (.5 - 4)*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.***Transfer acceptability:** CSU

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

PHOT 209 Photographic Portfolio (3)*1½ hours lecture - 4½ hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 105 or PHOT 130**Transfer acceptability:** CSU

Methods of portfolio design and production, goal setting, market research, resumes, artist statements, cover and inquiry letters and self-promotion for a range of career, scholastic and artistic purposes. Students will be required to employ their developing visual literacy, analytical skills and subjective thought. Field trips and classroom visits by working professionals will be incorporated.

PHOT 210 Advanced Black and White Photography (3)*1½ hours lecture - 4½ hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 105**Transfer acceptability:** CSU; UC

An exploration of the creative and technical possibilities of the View Camera through various assignments aimed at developing a personal style and approach to the production of quality black and white photography. A study of the relationship between film exposure and development and its application in the "zone system" is stressed.

PHOT 212 Landscape Photography (3)*1½ hours lecture - 4½ hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 100 or PHOT 150**Transfer acceptability:** CSU

A survey and comparison of past and present landscape photography. An analysis of different philosophies and approaches as it applies to different locations. Usually will require one trip of several days outside of the local area.

PHOT 213 Carbon Printing (3)*1½ hours lecture - 4½ hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 100 or PHOT 124**Transfer acceptability:** CSU

An exploration of the 19th century carbon photographic process. Students make large negatives from which they produce high-quality hand-made carbon transfer prints.

PHOT 214 Photogravure (3)*1½ hours lecture - 4½ hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 100 or PHOT 124**Transfer acceptability:** CSU

An introduction to the aesthetics and creation of photogravure intaglio-printed imagery. Historical and contemporary methods will be covered. Non-toxic methods will be stressed. Topics will include digital image preparation, polymer plates, safety, ink, paper, printing and press techniques, presentation, and critique.

PHOT 215 Creative Photography (3)*1½ hours lecture - 4½ hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 100**Transfer acceptability:** CSU; UC

Exploration of photography as an art form using both conventional and non conventional silver and non silver processes to permit broad variations and approaches to photographic expression.

PHOT 216 Alternative Photographic Processes (3)*1½ hours lecture - 4½ hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 105, or concurrent enrollment in PHOT 105**Transfer acceptability:** CSU

A practical, hands-on survey of historical alternatives and contemporary variations to the modern standard photographic process. Silver, Ferric, Dichromate, and Photomechanical possibilities for self expression will be explored. Typical processes learned will include Van Dyke, Cyanotype, Platinum and Palladium Kallitype, Bromoil, and gum printing.

PHOT 220 Commercial Photography (3)*1½ hours lecture - 4½ hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 130**Transfer acceptability:** CSU

Considerations of professional technical fundamentals in lighting, camera systems, digital workflow and management as applied in studio and location photography for commercial, advertising, and promotional purposes.

PHOT 225 Photographic Portraiture (3)*1½ hours lecture - 4½ hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 130**Transfer acceptability:** CSU

Techniques and styles of photographic portraiture. Studio and non studio applications will be explored using black and white and color films or digital capture. Emphasis on lighting equipment and techniques.

PHOT 296 Special Projects (1, 2, 3)*3, 6, or 9 hours laboratory***Prerequisite:** A minimum grade of 'C' in PHOT 105**Transfer acceptability:** CSU

Requires demonstrated proficiency in photography and the creative ability and initiative to work independently on a particular sustained project which does not fit in the context of regularly scheduled classes. Could include portfolio preparation.

Physical Education (PE)

See Kinesiology