

PHIL 103 Philosophy of Human Nature (3)

3 hours lecture

Recommended preparation: College level reading and writing skills.**Transfer acceptability:** CSU; UC

This is a 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 105 Philosophy of Religion (3)

3 hours lecture

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. Both Eastern and Western religions will be considered.

PHIL 110 Asian Philosophies (3)

3 hours lecture

Transfer acceptability: CSU; UC

A critical examination of the philosophies which originated in Asia, including consideration of the practices which are associated with these belief systems. Several theories of meditation will be discussed. Some comparisons will be made to western attitudes and beliefs.

PHIL 115 Critical Thinking (3)

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 120 Logic (3)

3 hours lecture

Transfer acceptability: CSU; UC

An analysis of arguments and the cognitive functions of language through the use of modern symbolic techniques.

PHIL 130 Contemporary Philosophical Movements (3)

3 hours lecture

Note: May be taken 2 times**Transfer acceptability:** CSU; UC

A critical examination of philosophical movements that has 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 135 Pre Renaissance Western Philosophy (3)

3 hours lecture

Transfer acceptability: CSU; UC

Major Western philosophical views from the early Greeks through the 14th Century. Original philosophical works of the periods will be studied and evaluated through critical thinking and writing.

PHIL 136 Renaissance and Modern Western Philosophy (3)

3 hours lecture

Transfer acceptability: CSU; UC

Major Western philosophical views from the Renaissance to the present. Original philosophical works of the periods will be studied and evaluated through critical thinking and writing.

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, laboratory, or lecture/laboratory may be

scheduled by the department. Refer to Class Schedule.

Note: May be taken 4 times**Transfer acceptability:** CSU

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

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 nonacademic 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**Note:** May be taken 4 times**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 Communications Department for further information.

(760) 744-1150, ext. 2440

Office: U-12

For transfer information, consult a Palomar College Counselor.

Associate in Arts Degrees -

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

- Digital Imaging
- 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).

- Commercial Photography
- Fine Art Photography

PROGRAMS OF STUDY

Commercial Photography

This Certificate is designed to provide an avenue for those students interested in pursuing a career as a professional photographer in the areas of advertising photography, product photography, portrait and wedding photography, photojournalism, editorial and documentary photography and other photo related vocations. Courses address technique, aesthetics, ethics and business practices. See course description for specific topics and prerequisites.

CERTIFICATE OF PROFICIENCY

Program Requirements		Units
PHOT/		
JOUR 140*	Photojournalism	3.5
PHOT 209*	Photographic Portfolio	2
PHOT 220*	Commercial Photography	3.5
PHOT 225*	Photographic Portraiture	3
PHOT 230*	Digital Darkroom	3
TOTAL UNITS		15

*This course has a prerequisite.

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.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
GCIP 122	Painter I	4
GCIP/		
R GCIP 140	Digital Imaging/Photoshop I	4
GCIP 141	Digital Imaging/Photoshop II	4
GCIP 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 Photography	3.5
PHOT 230	Digital Darkroom I	3
TOTAL UNITS		34.5

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

Fine Art 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, business practices, and history. See course description for specific topics and prerequisites.

CERTIFICATE OF PROFICIENCY

Program Requirements		Units
PHOT 125	History and Criticism of Photography	3
PHOT 201	Elementary Color Negative Printing	3
PHOT 209	Photographic Portfolio	2
PHOT 210	Advanced Black and White Photography	3
PHOT 215	Creative Photography	3
PHOT 216	Alternative Photographic Processes	3
TOTAL UNITS		17

Photography

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
PHOT 100	Elementary Photography	3.5
PHOT 105	Intermediate Black/White Photography	3.5
PHOT 125	History/Criticism of Photography	3
PHOT/		
JOUR 140	Photojournalism	3.5
PHOT 201	Elementary Color Negative Printing	3
PHOT 210	Advanced Black and White Photography	3
PHOT 220	Commercial Photography	3.5
PHOT 225	Photographic Portraiture	3
PHOT 230	Digital Darkroom I	3
GCIP/		
R GCIP 140	Digital Imaging/Photoshop I	4

Electives (Select a minimum of 6 units)

PHOT 50	Digital Camera	3
PHOT 110	Basic 35mm Color Photography	3

PHOT 115	Creative 35mm Color Photography	3
PHOT 150	Digital Photography I	3
PHOT 170	Photo and Photographers of California	3
PHOT 197A or	Photography Topics: Field Studies	
PHOT 197B or	Photo Topics: Technical Studies	
PHOT 197C	Photographic Topics: General	1, 2, 3
PHOT 202	Intermediate Color Printing	3
PHOT 203	Color Printing Workshop	2
PHOT 209	Photographic Portfolio	2
PHOT 212	Landscape Photography	2
PHOT 215	Creative Photography	3
PHOT 216	Alternative Photo Processes	3
PHOT 296	Special Projects	1, 2, 3

TOTAL UNITS **39**

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 Photography (3.5)

7 hours lecture/laboratory

Transfer acceptability: CSU; UC

Introduction to the mechanics, optics, chemistry, lighting principles, and practices of elementary photography. 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 (3.5)

7 hours lecture/laboratory

Prerequisite: A minimum grade of 'C' in PHOT 100

Transfer acceptability: CSU; UC

This course 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 110 Basic 35mm Color Photography (3)

3 hours lecture

Transfer acceptability: CSU

An introduction to 35mm color slide photography including materials, techniques, and composition. Field trips, critiques, and discussions will be held on assigned topics. No darkroom laboratory.

PHOT 115 Creative 35mm Color Photography (3)

3 hours lecture

Prerequisite: A minimum grade of 'C' in PHOT 100, 105, or 110

Transfer acceptability: CSU

Use of the 35mm camera and color films applied to creative solutions to problems relating to color, texture, line, form, and composition. Critique and discussion on assigned subjects. No darkroom laboratory.

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 140 Photojournalism (3.5)
 7 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' in PHOT 100 or 110
Note: Cross listed as JOUR 140
Transfer acceptability: CSU
 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 150 Digital Photography I (3)
 1½ hours lecture - 4½ hours laboratory
Transfer acceptability: CSU
 Lecture and laboratory activities will permit each student to discover the applications of electronic imaging for still photographers. Emphasis is placed on digital camera capture, image editing and quality digital output. The aesthetics and technology of digital photography will be discussed in lecture and critique sessions.

PHOT 155 Digital Photography II (3)
 1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in PHOT 150
Transfer acceptability: CSU
 This is an intermediate level digital photography class which emphasizes solving photographic problems in-camera. Image editing skills are refined using current image editing software. This class will output photographic work to print via high quality inkjet printers. Aesthetic considerations and visual literacy continue to be emphasized during assignment critiques.

PHOT 170 The Photography and Photographers of California (3)
 6 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' in PHOT 100
Note: May be taken 2 times
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 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, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.
Note: May be taken 4 times
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, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.
Note: May be taken 4 times
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, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.
Note: May be taken 4 times
Transfer acceptability: CSU
 Topics in Photography, General. See Class Schedule for specific topic offered. Course title will designate subject covered.

PHOT 201 Elementary Color Negative Printing (3)
 1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in PHOT 105

Transfer acceptability: CSU
 An introduction to the techniques and aesthetics of color negative printing. History, materials, processes, and vision will be explored.

PHOT 202 Intermediate Color Printing (3)
 1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in PHOT 201
Transfer acceptability: CSU
 A continuation of PHOT 201 with an emphasis on refined color printing skills. Color theory, image content, and printing excellence as well as contemporary issues will be stressed.

PHOT 203 Color Printing Workshop (2)
 4 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' in PHOT 201
Note: May be taken 3 times
Transfer acceptability: CSU
 A continuing investigation of the creative uses of color negative and positive processes using portfolio and book projects to refine color skills. Emphasis on concepts and techniques in color. Students will be required to employ their developing visual literacy, analytical skills and subjective thought.

PHOT 209 Photographic Portfolio (2)
 4 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' in PHOT 105
Note: May be taken 3 times
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 (2)
 5 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' in PHOT 100
Note: May be taken 4 times
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 215 Creative Photography (3)
 7 hours lecture/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)
 7 hours lecture/laboratory
Prerequisite: A minimum grade of 'C' 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 (3.5)

7 hours lecture/laboratory

Prerequisite: A minimum grade of 'C' in PHOT 105**Transfer acceptability:** CSU

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

PHOT 225 Photographic Portraiture (3)

6 hours lecture/laboratory

Prerequisite: A minimum grade of 'C' in PHOT 105**Transfer acceptability:** CSU

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

PHOT 230 Digital Darkroom I (3)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in GCIP/R GCIP 140, PHOT 100 and PHOT 150**Note:** May be taken 2 times**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 235 Digital Darkroom II (3)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in PHOT 230**Note:** May be taken 2 times**Transfer acceptability:** CSU

This course is 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, advancing visual literacy.

PHOT 296 Special Projects (1, 2, 3)

3, 6, or 9 hours laboratory

Prerequisite: A minimum grade of 'C' in PHOT 105**Note:** May be taken 3 times**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 also Athletics and Competitive Sports**

Contact the Physical Education Department for further information.

(760) 744-1150, ext. 2462

Office: O-10

For transfer information, consult a Palomar College Counselor.

Associate in Arts Degrees -

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

• Physical Education

Certificates of Achievement -

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

• Adult Fitness/Health Management

PROGRAMS OF STUDY**Adult Fitness/Health Management**

Training for fitness instructors and lifestyle educators in designing, implementing and managing a variety of health/fitness programs.

CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
BMGT 105	Small Business Management	3
BUS 140	Selling for Business	3
CSIT 105	Computer Concepts and Applications	3
FCS/HE 165	Fundamentals of Nutrition	3
HE 100	Health Education and Fitness Dynamics	3
HE 100L	Health Performance Lab	1-2
PE 104/EME 100	Advanced First Aid	3
PSYC 100	Introduction to Psychology	3
ZOO 203	Physiology	4
CE 100	Cooperative Education	2-4

Group I (Select a minimum of 3 units)

ENG 100	English Composition	4
MATH 120	Elementary Statistics	3
SPCH 100	Oral Communication	3

Group II (Select a minimum of 3 units)

FCS 170	Nutrition: Eating Disorders and Obesity	3
PSYC 115	Psychology of Personal Growth and Development	3
PSYC 210	Physiological Psychology	4
SOC 125/ PSYC 125	Human Sexuality	3

Group III (Select a minimum of 3 units)

PE 100	Introduction to Physical Education	2
PE 125	Physical Fitness	1-2
PE 128	Wellness Activities	1-2
PE 129	Aerobics/Step	1-2
PE 151	Intermediate Weight Training	1-1.5
PE 165	Coed Softball	1-1.5
PE 168	Soccer	1-1.5
PE 231	Water Safety Instruction	3
PE 232	Teaching Swimming	1-1.5

TOTAL UNITS**37 - 40****Physical Education**

Provides the student with background to begin upper division coursework and serves as preparation for entry level jobs in health clubs, non-credentialed physical education and coaching positions, and as recreation aides. Transfer students should consult the four-year college or university catalog for specific requirements or see a Palomar College counselor.

A.A. DEGREE MAJOR

Program Requirements		Units
HE 100	Health Education and Fitness Dynamics	3
HE 100L	Health Performance Lab	1-2
HE/FCS 165	Fundamentals of Nutrition	3
PE 100	Introduction to Physical Education	2
PE 104/EME 100	Advanced First Aid	3
PE 129	Aerobics/Step	1-1.5
PE 231	Water Safety Instruction	3
PSYC 100	Introduction to Psychology	3
ZOO 200	Anatomy	5
ZOO 203	Physiology	4

Plus 3 of the following team skill courses (An ACS course in these sports may be substituted for one)

PE 137	Water Polo	1
PE 156	Intermediate Volleyball	1-1.5
PE 165	Coed Softball	1-1.5
PE 166	Basketball	1
PE 168	Soccer	1-1.5
PE 210	Professional Preparation for Football	1-2
PE 212	Professional Preparation for Baseball	1-2