

**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 155  
**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 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 Kallotype, 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

## Physical Science (PHSC)

Contact the Physics and Engineering Department for further information.  
 (760) 744-1150, ext. 2505  
 Office: NS-355B

### COURSE OFFERINGS

**PHSC 100 Introduction to Physical Science** (3)  
*3 hours lecture*  
**Transfer acceptability:** CSU; UC – No credit for students with prior lecture credit in ASTR, CHEM, GEOL or PHYS  
 The study of selected topics from the fields of astronomy, geology, physics, chemistry, and their related sciences through lectures, films, and demonstrations. A general education course designed particularly for non science majors. For teacher training see PHSC 101.

**PHSC 100L Introduction to Physical Science Laboratory** (1)  
*3 hours laboratory*  
**Prerequisite:** A minimum grade of 'C' in PHSC 100, or concurrent enrollment in PHSC 100  
**Transfer acceptability:** CSU; UC – No credit for students with prior lab credit in ASTR, CHEM, GEOL or PHYS  
 The study of selected topics from the fields of astronomy, geology, physics, chemistry, and their related sciences through lab exercises. A general education course designed particularly for non-science majors. For teacher training see PHSC 101L.

**PHSC 101 Principles of Physical Science** (3)  
*3 hours lecture*  
**Transfer acceptability:** CSU  
 The study of selected topics from the fields of physics and chemistry and their related sciences through lectures, films, and demonstrations. A general education course designed particularly for non science majors. Especially recommended for teacher training.

**PHSC 101L Principles of Physical Science Laboratory** (1)  
*3 hours laboratory*  
**Prerequisite:** A minimum grade of 'C' in PHSC 101, or concurrent enrollment in PHSC 101  
**Transfer acceptability:** CSU  
 The study of selected topics from the fields of physics and chemistry and their related sciences through lab exercises. A general education course designed particularly for non-science majors; not open to majors in physics, chemistry, or engineering. Especially recommended for teacher training.