

## PHILOS – PHOTO

### PHILOS 106 CRITICAL REASONING

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

Introduces reasoning skills for evaluating and understanding arguments, including using deductive and inductive logic, identifying common fallacies and evaluating beliefs, claims, and forms of evidence. UC credit limitation: PHILOS-106 and SOCI-108 combined, maximum credit one course.

82955 09:30AM-10:50AM MW S. Morris CCC-403

**CCC** This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

82958 12:30PM-01:50PM MW A. Jones-Cathcart SCOH-201

82961 02:00PM-03:20PM TTH R. Sanders SCOH-201

82952 05:00PM-06:20PM TTH L. French CCC-403

**CCC** This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

82962 06:30PM-09:35PM TH T. Faulders SCOH-201

83179 - A. Jones-Cathcart -

**ONLINE CLASS.** For class information, see [www.canyons.edu/distancelearning](http://www.canyons.edu/distancelearning).

83175 - A. Jones-Cathcart -

**ONLINE CLASS.** For class information, see [www.canyons.edu/distancelearning](http://www.canyons.edu/distancelearning).

### PHILOS 110 HISTORY OF EARLY PHILOSOPHY

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

Surveys ancient and medieval European philosophical thought from the pre-socratics to the great Athenian philosophers - Socrates, Plato, and Aristotle - through medieval philosophy including the philosophical works of Anselm, Augustine, Abelard, and Aquinas.

82963 09:30AM-10:50AM MW A. Jones-Cathcart SCOH-201

### PHILOS 120 INTRODUCTION TO ETHICS

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

Surveys some of the major classical and contemporary ethical theories with emphasis on their application to the typical life situations in a modern society. Formerly PHILOS-210.

82964 08:00AM-09:20AM TTH C. Blakey SCOH-201

82965 11:00AM-12:20PM MW C. Blakey SCOH-201

82966 11:00AM-12:20PM TTH C. Blakey SCOH-201

82967 02:00PM-03:20PM TTH J. Mariana CCC-403

**CCC** This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

### PHILOS 220 INTRODUCTION TO COMPARATIVE RELIGION

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

Introduces major world religions, Eastern and Western. Includes historical roots, major doctrines and figures, and important philosophical issues.

82968 06:30PM-09:35PM T L. French CCC-403

**CCC** This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway

83819 - M. O'Malley -

**ONLINE CLASS.** For class information, see [www.canyons.edu/distancelearning](http://www.canyons.edu/distancelearning).

### PHILOS 240 CONTEMPORARY MORAL PROBLEMS

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

Introduces ethical theory and applied contemporary moral issues in areas such as medicine, business, health care, technology, and the environment.

82970 09:30AM-10:50AM TTH C. Blakey SCOH-201

## ■ PHOTOGRAPHY ■

### PHOTO 090L PHOTOGRAPHIC LAB PRACTICES

Units: 1.00 - Not transferable, May Be Taken 4 Times

A lab for the currently-enrolled photography student who wishes to increase skills through the use of the photography lab facility. Offered pass/no-pass only. Units do not apply to the associate degree.

83489 - W. Brill-Wynkoop MENH-133

09/06/11-12/05/11

Students must attend 3 hours 20 mins of lab per week. Lab hours are: Monday - Thursday 11:00 am - 1:00 pm in MENH-133; Tuesday 6:00 pm - 9:20 pm in MENH-133, or Wednesday 1:00 pm - 4:20 pm in MENH-145.

### PHOTO 091L ADVANCED PHOTOGRAPHY LAB

Units: 1.00 - Not transferable, May Be Taken 4 Times

*Prerequisite:* PHOTO-160

A lab for the currently-enrolled photography student who wishes to increase skills through the use of the photography lab facility. Offered pass/no-pass only. Units do not apply to the associate degree.

83490 - W. Brill-Wynkoop MENH-133

09/06/11-12/05/11

Students must attend 3 hours 20 mins of lab per week. Lab hours are: Monday - Thursday 11:00 am - 1:00 pm in MENH-133; Tuesday 6:00 pm - 9:20 pm in MENH-133, or Wednesday 1:00 pm - 4:20 pm in MENH-145.

### PHOTO 140 HISTORY OF PHOTOGRAPHY

Units: 3.00 - UC:CSU, May Be Taken Once for Credit

History and appreciation of photography from 19th century to present; relationship with history, culture, technology, art, social values, and other concerns.

83438 11:00AM-12:20PM MW D. Pattee-Ballard MENH-343

83433 12:30PM-01:50PM TTH W. Brill-Wynkoop MENH-343

83434 - W. Brill-Wynkoop -

08/22/11-10/15/11

**ONLINE CLASS.** For class information, see [www.canyons.edu/distancelearning](http://www.canyons.edu/distancelearning).

83441 - W. Brill-Wynkoop -

10/17/11-12/10/11

**ONLINE CLASS.** For class information, see [www.canyons.edu/distancelearning](http://www.canyons.edu/distancelearning).

**PHOTO 150 INTRODUCTION TO CAMERAS AND COMPOSITION**

Units: 3.00 - UC:CSU, May Be Taken Once for Credit  
 Explores how artistic and mechanical principles are used to record photographic images. Students review photographic works that include major influences in the photographic world and relate broader artistic and societal issues. Provides introductory information applicable to digital or film cameras, lenses, exposure, and concept development. No laboratory. It is recommended that students provide a digital or 35mm film SLR camera capable of manual exposure adjustment. UC credit limitation: PHOTO-150 and 160 combined, maximum credit one course.

83458 09:30AM-10:50AM TTH B. Kenyon CCC-504  
**CCC** This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

83455 11:00AM-12:20PM MW E. Hernandez MENH-121  
 83454 11:00AM-12:20PM TTH S. Groller MENH-121

83456 12:30PM-01:50PM TTH B. Kenyon CCC-504  
**CCC** This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

83457 06:45PM-09:50PM W C. Leary MENH-145

83486 03:50PM-05:20PM M W. Brill-Wynkoop BYKH-109  
 10/03/11-11/14/11

**HYBRID FIELD STUDIES CLASS.** On campus meetings (3:50 pm - 5:20 pm) on Mondays, 10/3, 10/17, 10/31, and 11/14. Mandatory, on location field study will take place at Camp Tahquitz, south of Big Bear on 10/21-10/23 and 11/4-11/6. The field station activity will replace 12 hours of on-campus time. Please visit [www.canyons.edu/fieldstudies](http://www.canyons.edu/fieldstudies) for information regarding student responsibilities and requirements. **LEARNING COMMUNITY:** this is a Learning Community section. Learning Communities are where two or more classes cluster around a common theme. This class is paired with GEOL-109-83763. Students are required to enroll in this section as well. Students are responsible for their own food and transportation.

83450 - J. Jenkins -  
 08/22/11-09/24/11

**ONLINE CLASS. This section is part of the GO program.** These sections are short-term, intensive sections. For more information on the GO program visit [www.canyons.edu/GO](http://www.canyons.edu/GO).

83452 - J. Jenkins -  
 09/26/11-10/29/11

**ONLINE CLASS. This section is part of the GO program.** These sections are short-term, intensive sections. For more information on the GO program visit [www.canyons.edu/GO](http://www.canyons.edu/GO).

83442 - W. Brill-Wynkoop -  
 10/31/11-12/03/11

**ONLINE CLASS. This section is part of the GO program.** These sections are short-term, intensive sections. For more information on the GO program visit [www.canyons.edu/GO](http://www.canyons.edu/GO).

**PHOTO 155 PHOTOGRAPHY**

Units: 3.00 - CSU, May Be Taken Once for Credit  
 Introduces the fundamental concepts, terminology, and techniques of photography, including the theory and basic principles of image correction and print technologies. Note: It is recommended that students provide a digital SLR camera capable of manual exposure adjustment.

83459 09:30AM-11:55AM TTH W. Brill-Wynkoop MENH-145  
 83460 07:00PM-09:25PM TTH C. Leary MENH-145

**PHOTO 160 BLACK AND WHITE PHOTOGRAPHY**

Units: 3.00 - UC:CSU, May Be Taken Once for Credit  
 A beginning course in 35mm black and white photography integrating both mechanical and artistic principles to record photographic images. The student must furnish a fully manual/adjustable 35mm SLR camera. NOTE: to access facilities outside of class time, students must register for PHOTO-090L, Photographic Lab Practices. UC credit limitation: PHOTO-150 and 160 combined, maximum credit one course.

83462 07:45AM-10:10AM MW D. Pattee-Ballard MENH-121  
 83463 01:00PM-03:25PM MW E. Hernandez MENH-121  
 83461 01:00PM-03:25PM TTH M. Daybell MENH-121  
 83464 03:35PM-06:00PM TTH N. Garcia MENH-121

**PHOTO 190 STUDIO PHOTOGRAPHY**

Units: 3.00 - CSU, May Be Taken 4 Times  
*Prerequisite: PHOTO-155 and PHOTO-160*  
 Explores the photographic studio through lectures and demonstrations, including medium format cameras, studio light equipment and the history of studio photography. NOTE: To access the photography facilities outside of scheduled class time, students must register for PHOTO-090L, Photographic Lab Practices.

83487 06:45PM-09:50PM W S. Bond MENH-121  
 and 04:30PM-06:30PM W MENH-133

**PHOTO 295 PROFESSIONAL PRACTICES AND PORTFOLIO**

Units: 3.00 - CSU, May Be Taken Once for Credit  
*Prerequisite: PHOTO-160*  
 Provides essential career skills for the field of photography, including preparation and presentation of a photographic portfolio, entrepreneurial and communication skills, and project planning and team work. NOTE: To access photography facilities outside of scheduled class time, students must register for PHOTO-090L, Photographic Lab Practices.

83488 06:45PM-09:50PM M N. Webb MENH-121  
 and 04:30PM-06:30PM M MENH-133



**CWE 188PHOT COOPERATIVE WORK EXPERIENCE EDUCATION PHOTOGRAPHY**

Units: 1.00-4.00 - CSU, Unlimited Repeats

Provides students with the opportunity to apply knowledge and skills gained from college courses in an actual work setting. The work experience may be paid or unpaid. For more information about earning elective units for ongoing work experience or applying for an internship, visit [www.canyons.edu/cwee](http://www.canyons.edu/cwee). Maximum 8 units per term and 16 total units.

83840	-	S. Wright	STCN-123
83841	-	S. Wright	STCN-123

09/06/11-12/10/11

■ **PHYSICAL SCIENCE** ■

**PHYSICI 101 PHYSICAL SCIENCE**

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

*Recommended Preparation: MATH-070*

Introduces the non-science major to a survey of chemistry and physics. UC credit limitation: No credit if taken after a college level course in physics or chemistry.

83689	08:00AM-09:20AM	TTH	T. Ciardi	ALLB-111
	and 09:30AM-10:50AM	TTH		ALLB-111
83700	09:30AM-10:50AM	MW	T. Ciardi	CCC-312
	and 11:00AM-12:20PM	MW		CCC-309

**CCC** This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

83699	11:00AM-12:20PM	TTH	T. Ciardi	ALLB-111
	and 12:30PM-01:50PM	TTH		ALLB-111
83701	06:00PM-07:20PM	MW	A. Pekkala-Flagan	ALLB-111
	and 07:30PM-08:50PM	MW		ALLB-111

■ **PHYSICS** ■

**PHYSIC 101 INTRODUCTION TO PHYSICS**

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

*Prerequisite: MATH-070*

Introduces classical and modern physics: motion, gravity, heat, light, sound, electricity, magnetism, atomic and nuclear physics, relativity and quantum mechanics. For non-science majors.

83704	02:00PM-03:50PM	MW	Staff	CCC-402
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**CCC** This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

**PHYSIC 110 GENERAL PHYSICS I**

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

*Prerequisite: MATH-102*

Introduction to the mechanics of solids, fluids, heat and wave motion, designed for students majoring in the life sciences or any other major requiring a non-calculus-based physics course. UC credit limitation: PHYSICS 110-111, and 220- 221-222 combined, maximum credit one series.

83707	11:15AM-02:20PM	TTH	Staff	ALLB-112
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**PHYSIC 220 PHYSICS FOR SCIENTISTS AND ENGINEERS: MECHANICS OF SOLIDS AND FLUIDS**

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

*Prerequisite: MATH-211*

Presents a calculus-based introductory study of particle and rigid body statics and dynamics, vibrational motion, and fluid mechanics.

83709	08:00AM-11:05AM	MW	Staff	ALLB-111
83708	02:30PM-05:35PM	MW	D. Martinez	ALLB-111

**PHYSIC 221 PHYSICS FOR SCIENTISTS AND ENGINEERS: ELECTRICITY AND MAGNETISM**

Units: 4.00 - UC:CSU, May Be Taken Once for Credit

*Prerequisite: PHYSIC-220 and credit for or concurrent enrollment in MATH-212.*

Presents electric and magnetic fields, circuit theory and electromagnetic induction.

83710	05:45PM-08:50PM	TTH	D. Martinez	ALLB-111
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■ **PLUMBING** ■

**PLMB 030 PLUMBING FUNDAMENTALS**

Units: 3.00 - Not transferable , May Be Taken Once for Credit

Presents fundamental methods, materials and uses of tools in the plumbing industry, including occupational safety and technical drawings.

83160	06:30PM-09:35PM	W	Staff	CCC-707
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**CCC** This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway



**Please Drive Carefully!  
On-Campus speed limit  
is no more than 15 mph!**