

■ AUTOMOTIVE TECHNOLOGY ■

AUTO 094 AUTOMOTIVE HEATING AND AIR CONDITIONING

Units: 3.00, May Be Taken Once for Credit

Recommended Preparation: AUTO 101

Provides theory and practical application of the function and repair of heating and air conditioning systems as applied to domestic and imported automobiles.

73332 01:30PM-04:30PM MW G. Sornborger SHS-A
This class meets at Saugus High School.

AUTO 101 AUTOMOTIVE ENGINE FUNDAMENTALS

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

Theory and practice in automotive engine repair. A \$15 material fee will be charged upon registration, or students may purchase their own safety glasses.

73333 08:30AM-11:30AM TTH G. Sornborger SHS-A
This class meets at Saugus High School.

AUTO 105 AUTOMATIC TRANSMISSIONS

Units: 5.00 - CSU, May Be Taken 3 Times

Recommended Preparation: AUTO-101

Introduces the theory and principles of automatic transmissions and transaxles. Procedures for diagnosing problems, adjusting, and overhauling the automatic transmission and transaxle are studied and applied in the shop. A \$15 material fee will be charged upon registration, or student may purchase their own safety glasses.

73334 08:00AM-11:45AM MW G. Sornborger SHS-A
This class meets at Saugus High School.

CWE 188 AUTO COOPERATIVE WORK EXPERIENCE EDUCATION AUTOMOTIVE TECHNOLOGY

Units: 1.00-4.00 - CSU

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. Maximum 8 units per term and 16 total units.

73342 - S. Wright STCN-123
 73344 - S. Wright STCN-123
 02/22/10-06/03/10

State budget cuts may result in some cancelled classes. Please check the college's Website at: www.canyons.edu for the most up-to-date information.

■ BIOLOGICAL SCIENCE ■

BIOSCI 090 BIOLOGY FOR TECHNOLOGY

Units: 3.00, May Be Taken Once for Credit

Introduces the basic concepts of applied biology as they relate to the fields of biotechnology and emerging technology, including the principles and methodologies of biotechnology, instrumentation, data analysis, record keeping, safety, lab techniques, and teamwork.

74109 05:30PM-06:20PM MW C. Ramey ALLB-218
 06:30PM-09:30PM MW ALLB-218

This is part of the GET LAB TECH program.

BIOSCI 100 GENERAL BIOLOGY

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

Explores the structure, function, and development of living systems from cells to ecosystems. UC credit limitation: No credit for BIOSCI-100 if taken after BIOSCI-106, 107, 201, 202, 204, 205, 215, 216, 221, or 250.

74132 08:00AM-09:20AM MW J. Chari CCC-311
 09:30AM-12:30PM W CCC-310

Field Trip to Los Angeles Zoo on 4/28; \$13.00 entrance fee.

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

74134 08:00AM-09:20AM TTH G. Nishiyama CCC-311
 09:30AM-12:30PM T CCC-310

Field Trip to Los Angeles Zoo on 4/27; \$13.00 entrance fee.

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

74125 09:30AM-10:50AM MW Staff ALLH-108
 11:10AM-02:10PM W BYKH-201
 Field Trip to Los Angeles Zoo on 4/28; \$13.00 entrance fee.

74123 09:30AM-10:50AM MW Staff ALLH-108
 11:10AM-02:10PM M BYKH-201
 Field Trip to Los Angeles Zoo on 5/3; \$13.00 entrance fee.

74122 09:30AM-10:50AM TTH Staff ALLH-108
 11:10AM-02:10PM T BYKH-201
 Field Trip to Los Angeles Zoo on 4/27; \$13.00 entrance fee.

74120 09:30AM-10:50AM TTH Staff ALLH-108
 11:10AM-02:10PM TH BYKH-201
 Field Trip to Los Angeles Zoo on 4/29; \$13.00 entrance fee.

74119 11:10AM-12:30PM MW Staff ALLH-108
 07:45AM-10:45AM W BYKH-201
 Field Trip to Los Angeles Zoo on 4/28; \$13.00 entrance fee.

74117 11:10AM-12:30PM MW Staff ALLH-108
 07:45AM-10:45AM M BYKH-201
 Field Trip to Los Angeles Zoo on 5/3; \$13.00 entrance fee.

74136 12:50PM-02:10PM MW J. Wolf ALLH-108
 02:20PM-05:20PM W BYKH-201
 Field Trip to Los Angeles Zoo on 4/28; \$13.00 entrance fee.

74135 12:50PM-02:10PM MW J. Wolf ALLH-108
 02:20PM-05:20PM M BYKH-201
 Field Trip to Los Angeles Zoo on 5/3; \$13.00 entrance fee.

BIOSCI

74130 12:50PM-02:10PM MW Staff CCC-311
02:20PM-05:20PM W CCC-310
Field Trip to Los Angeles Zoo on 4/28; \$13.00 entrance fee.

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

74138 12:50PM-02:10PM TTH J. Wolf ALLH-108
02:20PM-05:20PM T BYKH-201
Field Trip to Los Angeles Zoo on 4/27; \$13.00 entrance fee.

74137 12:50PM-02:10PM TTH J. Wolf ALLH-108
02:20PM-05:20PM TH BYKH-201
Field Trip to Los Angeles Zoo on 4/29; \$13.00 entrance fee.

74116 05:00PM-06:20PM MW Staff ALLH-108
06:30PM-09:30PM W BYKH-201
Field Trip to Los Angeles Zoo on 4/28; \$13.00 entrance fee.

74114 05:00PM-06:20PM MW Staff ALLH-108
06:30PM-09:30PM M BYKH-201
Field Trip to Los Angeles Zoo on 5/3; \$13.00 entrance fee.

74139 06:30PM-09:30PM TH J. Wolf ALLH-108
06:30PM-09:30PM T BYKH-201
Field Trip to Los Angeles Zoo on 4/27; \$13.00 entrance fee.

74127 - Staff -
05:30PM-08:30PM T CCC-310
HYBRID CLASS. Mandatory orientation on Tuesday, 2/9 (5:30 pm - 6:15 pm) in CCC-310. First lab is immediately after the mandatory orientation. Field Trip to Los Angeles Zoo on 4/27; \$13.00 entrance fee. Recommend COUNS 070, Distance Learning and Strategies for Success.

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

BIOSCI 106 ORGANISMAL & ENVIRONMENTAL BIOLOGY

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

Introduction to major plant and animal groups and principles of ecology and evolution.

74145 11:00AM-12:20PM MW Staff UCEN-107
07:45AM-10:45AM W BYKH-205
Field Trip to Los Angeles Zoo on 4/28; \$13.00 entrance fee. The lecture portion meets in the Dr. Dianne G. Van Hook University Center located on the south end of the Valencia campus. Allow plenty of passing time between classes.

74142 11:00AM-12:20PM MW Staff UCEN-107
07:45AM-10:45AM M BYKH-205
Field Trip to Los Angeles Zoo on 5/3; \$13.00 entrance fee. The lecture portion meets in the Dr. Dianne G. Van Hook University Center located on the south end of the Valencia campus. Allow plenty of passing time between classes.

74165 05:00PM-06:20PM TTH J. Chari ALLH-108
06:30PM-09:30PM TH BYKH-205
Field Trip to Los Angeles Zoo on 4/29; \$13.00 entrance fee.

74162 05:00PM-06:20PM TTH J. Chari ALLH-108
06:30PM-09:30PM T BYKH-205
Field Trip to Los Angeles Zoo on 4/27; \$13.00 entrance fee.

74149 - Staff -
02:20PM-05:20PM W BYKH-205
HYBRID CLASS. Mandatory orientation on Wednesday, 2/10 (2:20 pm - 3:25 pm) in BYKH-211. First lab is immediately after the mandatory orientation. Field Trip to Latigo Shores intertidal will be required on 3/24. Recommend COUNS 070, Distance Learning and Strategies for Success.

74159 09:30AM-10:50AM TTH J. Chari UCEN-107
11:10AM-02:10PM T BYKH-205

FIELD STUDIES SECTION: Includes regular on campus meetings and on-site field study at the Camp Tahquitz Field Station, south of Big Bear. The MANDATORY field station activity will be held on 4/30 - 5/2. The field station activity will replace 12 hours of on-campus class time. Students are responsible for their own food and transportation. Please visit www.canyons.edu/fieldstudies for information regarding student responsibilities and requirements. This section also includes a field trip to Latigo Shores intertidal on 5/22 (no entrance fee). The lecture portion meets in the Dr. Dianne G. Van Hook University Center located on the south end of the Valencia campus. Allow plenty of passing time between classes.

74155 09:30AM-10:50AM TTH J. Chari UCEN-107
11:10AM-02:10PM TH BYKH-205

FIELD STUDIES SECTION: Includes regular on campus meetings and on-site field study at the Camp Tahquitz Field Station, south of Big Bear. The MANDATORY field station activity will be held on 5/14 to 5/16. The field station will replace 12 hours of on-campus class time. Students are responsible for their own food and transportation. Please visit www.canyons.edu/fieldstudies for information regarding student responsibilities and requirements. This section also includes a field trip to Latigo Shores intertidal on 5/22 (no entrance fee). The lecture portion meets in the Dr. Dianne G. Van Hook University Center located on the south end of the Valencia campus. Allow plenty of passing time between classes.

BIOSCI 107 MOLECULAR AND CELLULAR BIOLOGY

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

Prerequisite: MATH-070

Introduces the principles of bioenergetics, molecular structure, function, and evolution; and cell morphology, anatomy, and physiology.

74191 09:30AM-10:50AM TTH K. Cude ALLH-104
11:10AM-02:10PM T ALLB-220

74190 09:30AM-10:50AM TTH K. Cude ALLH-104
11:10AM-02:10PM TH ALLB-220

74187 11:10AM-12:30PM MW Staff ALLH-104
07:45AM-10:45AM W ALLB-220

74185 11:10AM-12:30PM MW Staff ALLH-104
07:45AM-10:45AM M ALLB-220

74175 12:50PM-02:10PM MW Staff ALLH-104
02:20PM-05:20PM M ALLB-220

74171 12:50PM-02:10PM MW Staff ALLH-104
02:20PM-05:20PM W ALLB-220

74173 05:00PM-06:20PM MW Staff BYKH-105
06:30PM-09:30PM W ALLB-220

74169 05:00PM-06:20PM MW Staff BYKH-105
06:30PM-09:30PM M ALLB-220

74181 06:30PM-09:30PM W Staff ALLH-104
06:30PM-09:30PM T ALLB-220

74183 06:30PM-09:30PM W Staff ALLH-104
06:30PM-09:30PM TH ALLB-220

BIOSCI 132 CONCEPTS IN EVOLUTION

Units: 3.00 - UC:CSU, May Be Taken Once for Credit
 Explores current theories about emergence and origins of life. Evidence for and against the theory of evolution are discussed.
 74193 - J. Chari -

ONLINE CLASS: Orientation will be 100% on-line on Monday 2/8. Instructor will contact students prior to orientation date. For class information, see www.canyons.edu/distancelearning. Recommend COUNS 070, Distance Learning and Strategies for Success.

BIOSCI 140 PRINCIPLES OF HUMAN GENETICS

Units: 3.00 - UC:CSU, May Be Taken Once for Credit
 Introduces the principles of human genetics; function of DNA, genes and chromosomes; and patterns of inheritance. Not designed for biological science majors.

74198 02:45PM-05:45PM W K. Cude BYKH-206

74197 06:00PM-09:00PM TH Staff CCC-311
CCC This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.

BIOSCI 201 INTRODUCTION TO HUMAN ANATOMY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit
Prerequisite: BIOSCI-107
 Explores the major structural characteristics of the human body. UC credit limitations: BIOSCI- 201, 202, and 204, 205, 250 combined; maximum credit 8 units.

74203 08:00AM-09:20AM MW Staff ALLH-104
 12:45PM-03:45PM M ALLB-221

74201 08:00AM-09:20AM MW Staff ALLH-104
 09:30AM-12:30PM M ALLB-221

BIOSCI 202 INTRODUCTION TO HUMAN PHYSIOLOGY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit
Prerequisite: BIOSCI-107
 Explores the functioning integration of the systems of the human body. UC credit limitations: BIOSCI-201, 202 and 204, 205, 250 combined; maximum credit 8 units.

74208 - M. Golbert -
 12:45PM-03:45PM W ALLB-221

HYBRID CLASS. Mandatory orientation on Wednesday, 2/10 (12:45 pm - 10:30 pm) in BYKH-211. First lab is immediately after the mandatory orientation. Recommend COUNS 070, Distance Learning and Strategies for Success.

74205 - M. Golbert -
 09:30AM-12:30PM W ALLB-221

HYBRID CLASS. Mandatory orientation on Wednesday, 2/10 (9:30 am - 10:15 am) in BYKH-211. First lab is immediately after the mandatory orientation. Recommend COUNS 070, Distance Learning and Strategies for Success.

BIOSCI 204 HUMAN ANATOMY AND PHYSIOLOGY I

Units: 4.00 - UC:CSU, May Be Taken Once for Credit
Prerequisite: BIOSCI-107
 Introduces the structure and function of the human body. UC credit limitations: BIOSCI-201, 202, and 204, 205, 250 combined; maximum credit 8 units.

74212 05:30PM-06:50PM MW Staff ALLH-101
 04:00PM-05:20PM MW ALLB-223

74209 05:30PM-06:50PM MW Staff ALLH-101
 07:00PM-08:20PM MW ALLB-223

BIOSCI 205 HUMAN ANATOMY AND PHYSIOLOGY II

Units: 4.00 - UC:CSU, May Be Taken Once for Credit
Prerequisite: BIOSCI-204
 Continues the study of the structure and function of the human body. UC credit limitation: BIOSCI-201, 202 and 204, 205, 250 combined; maximum credit 8 units.

74218 08:00AM-09:20AM TTH M. Golbert ALLH-104
 09:30AM-12:30PM T ALLB-221

74216 08:00AM-09:20AM TTH M. Golbert ALLH-104
 09:30AM-12:30PM TH ALLB-221

74221 05:30PM-06:50PM TTH B. Rose ALLH-104
 07:00PM-08:20PM TTH ALLB-221

74219 05:30PM-06:50PM TTH B. Rose ALLH-104
 04:00PM-05:20PM TTH ALLB-221

74214 05:30PM-06:50PM TTH Staff BYKH-102
 07:00PM-08:20PM TTH ALLB-223

BIOSCI 215 GENERAL ZOOLOGY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit
Prerequisite: MATH-070
Recommended Preparation: BIOSCI-107
 Surveys the animal kingdom with emphasis on integrating mechanisms at the cellular, organismal, and population levels.

74224 02:00PM-05:00PM T G. Nishiyama CCC-311
 02:00PM-05:00PM TH CCC-310

Field Trip to Los Angeles Zoo on 3/11; \$13.00 entrance fee.

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

BIOSCI 219 MARINE BIOLOGY

Units: 4.00 - UC:CSU, May Be Taken Once for Credit
 A study of the description, distribution and natural history of marine organisms. Laboratories will include both in-class and field studies which may extend outside the assigned laboratory times.

74225 08:00AM-09:20AM MW G. Nishiyama CCC-403
 09:30AM-12:30PM M CCC-310

Field Trip to Latigo Shores intertidal will be required on 2/27 and 3/27. No fee.

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



BIOSCI 221 INTRODUCTION TO MICROBIOLOGY

Units: 5.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: BIOSCI-107

Introduction to the biology of micro-organisms.

74226	08:00AM-09:20AM	MW	K. Burke	ALLH-101
	09:30AM-12:30PM	MW		ALLB-217
74304	08:00AM-09:20AM	TTH	D. Takeda	ALLH-101
	09:30AM-12:30PM	TTH		ALLB-217
74310	12:50PM-02:10PM	MW	D. Takeda	ALLH-101
	02:20PM-05:20PM	MW		ALLB-217
74293	12:50PM-02:10PM	TTH	K. Burke	ALLH-101
	02:20PM-05:20PM	TTH		ALLB-217
74299	05:00PM-06:20PM	TTH	C. Robinson	ALLH-101
	06:30PM-09:30PM	TTH		ALLB-217

BIOSCI 230 INTRODUCTION TO BIOTECHNOLOGY

Units: 5.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: BIOSCI-107

Introduces the basic concepts and techniques of modern molecular biology, including the uses and applications of DNA manipulation techniques.

74314	08:00AM-09:20AM	TTH	J. Nguyen	ALLB-218
	09:30AM-12:30PM	TTH		ALLB-218

BIOSCI 240 MOLECULAR GENETICS

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

Prerequisite: BIOSCI-107

Introduces the principles of both prokaryotic and eukaryotic genetics. Emphasizes the structure, function and regulation of genes along with patterns of inheritance.

74319	09:30AM-10:50AM	MW	K. Cude	BYKH-206
	11:00AM-02:00PM	W		ALLB-218

BIOSCI 250 HUMAN ANATOMY AND PHYSIOLOGY

Units: 8.00 - UC:CSU, May Be Taken Once for Credit

Prerequisite: BIOSCI-107

A one-semester course covering the structure and function of the human body. UC credit limitation: BIOSCI-201, 202 and 204, 205, 250 combined; maximum credit 8 units.

74324	11:00AM-12:45PM	MTW	B. Rose	ALLB-113
	01:00PM-03:45PM	MW		ALLB-223

■ BUSINESS ■

BUS 100 INTRODUCTION TO BUSINESS

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

Introduction to the fundamental concepts of business in a changing world. Includes an overview of such areas as economic systems, management, marketing, accounting, finance, ethics, and globalization. Designed to help students understand business concepts and to select an area of specialization in business.

74024	08:00AM-09:20AM	MW	T. Fontenette	HSLH-234
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74030 08:00AM-09:20AM TTH A. Naddafpour CCC-505
CCC *This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.*

74038	09:30AM-10:50AM	TTH	D. Sionko	HSLH-234
74037	11:10AM-12:30PM	TTH	D. Sionko	HSLH-234

74026 06:00PM-07:20PM MW G. Fogel CCC-505
CCC *This class meets at the CANYON COUNTRY CAMPUS on Sierra Highway.*

74032	08:00AM-10:15AM	MW	A. Naddafpour	UCEN-207
	03/15/10-04/21/10			

HYBRID NOW CLASS: This is a short-term, intensive section. Recommend COUNS 070, Distance Learning and Strategies for Success. This class meets in the Dr. Dianne G. Van Hook University Center located on the south end of the Valencia campus. Allow plenty of passing time between classes.

74039	-		D. Sionko	-
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ONLINE CLASS: For class information, see www.canyons.edu/distancelearning. Recommend COUNS 070, Distance Learning and Strategies for Success.

BUS 101 BOOKKEEPING AND ACCOUNTING

Units: 5.00 - CSU, May Be Taken Once for Credit

Introduces double-entry bookkeeping for non-transfer business majors, including the use of ledgers and special purpose journals.

74040	07:00PM-09:25PM	MW	S. Nerud	HSLH-233
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BUS 103 INTRODUCTION TO INTERNATIONAL BUSINESS

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

A combination of global business theory as affected by cultural, political, legal, and international economic factors with instruction on government regulation, foreign market analysis, exporting and importing.

74041	-		B. Morinaka	-
	03/15/10-04/24/10			

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. Recommend COUNS 070, Distance Learning and Strategies for Success.

74043	11:10AM-12:30PM	TTH	C. Winburn	HSLH-233
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