



NORCO COLLEGE  
SCHOOL OF  
Arts &  
Humanities

Music Industries Studies Class: Live Sound Reinforcement

**NORCO**  
COLLEGE



Summer/Fall

 2019 

Summer classes: June 17 - July 25

Fall classes: August 26 - December 14



### MISSION STATEMENT

Norco College serves our students, our community, and its workforce by providing educational opportunities, celebrating diversity, and promoting collaboration. We encourage an inclusive, innovative approach to learning and the creative application of emerging technologies. We provide foundational skills and pathways to transfer, career and technical education, certificates and degrees.

#### ABBR BUILDING

A TEC Applied Technology  
 CACT CACT Center  
 LIBR Wilfred J. Airey Library  
 HUM Humanities  
 IT Industrial Technology  
 JFK John F. Kennedy  
 Middle College High School

#### ABBR BUILDING

SSV Student Services  
 ST Science and Technology  
 STEM STEM Center  
 THTR Theater Building  
 WEQ West End Quad

## ACCOUNTING

### ACC-1A

#### Principles of Accounting I

3 UNITS

**Prerequisite:** None

**Advisory:** BUS-20

Description: An introduction to accounting principles and practice, as a manual and/or computerized information system that provides and interprets economic data for economic units within a global society. Includes recording, analyzing, and summarizing procedures used in preparing financial statements. 54 hours lecture.

35202 Last Day to add: 06/21/19

HYB	06/17/19	07/25/19	08:00AM	10:05AM	MW	WEQW7
	06/17/19	07/25/19				ONLINE

The above section is a hybrid class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** D White

### ACC-1B

#### Principles of Accounting II

3 UNITS

**Prerequisite:** ACC-1A

Description: A study of managerial accounting principles and information systems including basic concepts, limitations, tools and methods to support the internal decision-making functions of an organization. 54 hours lecture.

35203 Last Day to add: 06/21/19

HYB	06/17/19	07/25/19	10:35AM	12:40PM	MW	WEQW6B
	06/17/19	07/25/19				ONLINE

The above section is a hybrid class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** D White

### ACC-62

#### Payroll Accounting

3 UNITS

**Prerequisite:** ACC-1A or ACC-55

Description: Studies accounting for payroll and examines aspects of the Social Security Act, California Unemployment Insurance Act and the California Workers Compensation Insurance Act. Payroll principles applied through the use of microcomputers. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

35000 Last Day to add: 06/22/19

OL	06/17/19	07/25/19	ONLINE
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The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** P Worsham

### ACC-66

#### Non-Profit and Governmental Accounting

3 UNITS

**Prerequisite:** ACC-1A

**Advisory:** BUS-20

Description: A study of the principles and practices of non-profit and governmental entities fund accounting. Topics include accounting concepts, types and structure of funds and accounts, application of generally accepted accounting principles to non-profit and governmental organizations. 54 hours lecture.

35001 Last Day to add: 06/22/19

OL	06/17/19	07/25/19	ONLINE
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The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** P Worsham



### ADMINISTRATION OF JUSTICE

#### ADJ-1

**Introduction to the Administration of Justice. Same As Jus-1** **3 UNITS**

**Prerequisite:** None

Description: The history and philosophy of administration of justice in America; recapitulation of the system; identifying the various subsystems, role expectations, and their interrelationships; theories of crime, punishment, and rehabilitation; ethics, education, and training for professionalism in the system. 54 hours lecture.

35194 Last Day to add: 06/22/19

WE 06/18/19 07/25/19 01:00PM 04:05PM TWTH IT202

The above section is a web-enhanced class. Internet access is required.

**Instructor:** M Leese

#### ADJ-3

**Concepts of Criminal Law** **3 UNITS**

**Prerequisite:** None.

Description: Historical development, philosophy of law and constitutional provisions; definitions, classification of crimes, and their application to the system of administration of justice; legal research, study of case law, methodology, and concepts of law as a social force. 54 hours lecture.

35193 Last Day to add: 06/22/19

WE 06/18/19 07/25/19 08:00AM 11:05AM TWTH IT202

The above section is a web-enhanced class. Internet access is required.

**Instructor:** M Leese

#### ADJ-13

**Criminal Investigation** **3 UNITS**

**Prerequisite:** None

Description: Fundamentals of investigation, crime scene searches and documentation, collection and preservation of physical and testimonial evidence, forensic evidence analysis, modus operandi, sources of information, interviews and interrogations, follow-up and case preparation. 54 hours lecture.

35220 Last Day to add: 06/12/19

WE 06/10/19 07/11/19 08:00AM 10:30AM MTWTH CENT105

The above section is restricted to CNUSD High School students participating in Norco College's Dual Enrollment Program.

**Instructor:** T Weeks S Williams

### ANTHROPOLOGY

#### ANT-1

**Physical Anthropology** **3 UNITS**

**Prerequisite:** None

Description: An introduction to human biological evolution, physical diversity, and relationship to the animal world, using scientific and comparative methods. Incorporates the study of genetics, fossils, primates, and modern human variation within an evolutionary framework. Students may not receive credit for both ANT-1 and ANT-1H. 54 hours lecture.

35003 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** A Gray

35004 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** A Gray

35002 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 01:00PM 03:10PM MTWTH HUM111

The above section is a web-enhanced class. Internet access is required.

**Instructor:** S Wakim

#### ANT-1L

**Physical Anthropology Laboratory** **1 UNIT**

**Prerequisite:** None

**Corequisite:** Concurrent enrollment in or prior completion of ANT-1 or 1H required.

Description: Laboratory course exploring case studies and problems of human genetics, human variation, the identification of fossils through examination of fossil casts, human evolution, the study of the human skeleton, observation of primate behavior and structures utilizing the scientific method. 54 hours laboratory.

35005 Last Day to add: 06/21/19

WEL 06/17/19 07/25/19 03:15PM 06:05PM MTWTH HUM111

The above section is a web-enhanced class. Internet access is required.

**Instructor:** P Roberts

#### ANT-2

**Cultural Anthropology** **3 UNITS**

**Prerequisite:** None

Description: An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. Cultural practices and institutions are examined using perspectives that enhance effective participation in a culturally diverse world. 54 hours lecture.

35006 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** A Gray

35007 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** A Mejia



### ART

**ART-6**

**Art Appreciation**

**3 UNITS**

**Prerequisite:** None

**Advisory:** ENG-1A

Description: An introductory course for the non-art major. The creative process and the diversity of style, technique and media, evident in various art forms throughout history and culture. Students may not receive credit for both ART-6 and ART-6H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

35009 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

**Instructor:** Q Bemiller

35137 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

**Instructor:** K Skiba

35010 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 08:00AM 10:10AM MTWTH WEQW4

The above section is a web-enhanced class. Internet access is required.

**Instructor:** B May

35212 Last Day to add: 06/22/19  
 LEC 06/18/19 08/08/19 10:30AM 01:50PM TTH CRCCRCL609B

The above class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a College education while incarcerated at the CRC in Norco.

**Instructor:** B Wilkie

**ART-17**

**Beginning Drawing**

**3 UNITS**

**Prerequisite:** None

Description: An introduction to the fundamentals of drawing in a variety of media. The exploration of the elements of art, the principles of composition, perspective and the development of observational, motor and creative skills. Emphasis will be on black and white media. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

35008 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 08:00AM 09:20AM MTWTH ATEC209  
 06/17/19 07/25/19 09:30AM 12:20PM MTWTH ATEC209

The above section is a web-enhanced class. Internet access is required.

**Instructor:** Q Bemiller

### BIOLOGY

**BIO-1**

**General Biology**

**4 UNITS**

**Prerequisite:** None.

Description: Introductory course designed for non-science majors that offers an integrated study of the basic principles of biology, with emphasis on the principles of structure and function, genetics, development, evolution, and ecology. Discussions on the philosophy, concepts, and implications of modern biology will be included. Students may not receive credit for both BIO-1 and BIO-1H. 54 hours lecture and 54 hours laboratory. (Letter Grade only)

35015 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 08:00AM 11:05AM MTTH IT117  
 06/17/19 07/25/19 11:30AM 02:35PM MTTH ST203

The above section is a web-enhanced class. Internet access is required.

**Instructor:** V Sharma O Kim

35016 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 08:00AM 11:05AM MTTH IT117  
 06/17/19 07/25/19 11:30AM 02:35PM MTTH IT128

The above section is a web-enhanced class. Internet access is required.

**Instructor:** V Sharma

35012 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 11:30AM 02:35PM MTTH IT117  
 06/17/19 07/25/19 03:00PM 06:05PM MTTH ST203

The above section is a web-enhanced class. Internet access is required.

**Instructor:** F Almasarweh O Kim

35013 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 11:30AM 02:35PM MTTH IT117  
 06/17/19 07/25/19 03:00PM 06:05PM MTTH IT128

The above section is a web-enhanced class. Internet access is required.

**Instructor:** F Almasarweh

35011 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 03:00PM 06:05PM MTTH IT117  
 06/17/19 07/25/19 06:30PM 09:35PM MTTH ST203

The above section is a web-enhanced class. Internet access is required.

**Instructor:** B Moore

35014 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 03:00PM 06:05PM MTTH IT117  
 06/17/19 07/25/19 06:30PM 09:35PM MTTH IT128

The above section is a web-enhanced class. Internet access is required.

**Instructor:** B Moore A Suriano



#### BIO-7

##### Marine Biology

4 UNITS

**Prerequisite:** None.

Description: An ecological study of the marine environment. Emphasis will be placed on the local marine algae, plants, and animals and their interactions with the physical environment. Frequent field trips are combined with laboratory observations to acquaint the student with the identification and understanding of the common marine organisms of the Southern California coastline. 54 hours lecture and 54 hours laboratory

35019 Last Day to add: 06/21/19

WE	06/17/19	07/25/19	08:00AM	10:10AM	MTWTH	ST211
	06/17/19	07/25/19	10:20AM	12:30PM	MTWTH	ST211

The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Drainville

#### BIO-18

##### Human Genetics (formerly Bio-34)

3 UNITS

**Prerequisite:** None

**Advisory:** High school biology or any college life science course with laboratory.

Description: A general education course for non-biology majors and allied health students who are interested in the underlying mechanisms of human heredity. Emphasis will be given to the role of genetics and environment on cells, individuals, family and human populations. Discussion on human genetic disorders and the social implications of modern human genetics will be included. 54 hours lecture.

35017 Last Day to add: 06/21/19

WE	06/17/19	07/25/19	06:00PM	08:10PM	MTWTH	STEM201
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Julius

#### BIO-45

##### Survey of Human Anatomy and Physiology (formerly Amy-10)

3 UNITS

**Prerequisite:** None

Description: An introductory and survey course of structural and functional aspects of the human body. Emphasis is placed on cell organization, human tissues, and discussion of each of the human systems. 54 hours lecture.

35018 Last Day to add: 06/21/19

WE	06/17/19	07/25/19	01:30PM	03:40PM	MTWTH	ATEC114
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** G Johansen

#### BIO-50A

##### Anatomy and Physiology I (formerly Amy-2a)

4 UNITS

**Prerequisite:** BIO-1 or BIO-1H or BIO-4 or BIO-55 or BIO-60 or BIO-60H

Description: First of a two course sequence that introduces students to the basic concepts and principles of anatomy and physiology. This course will provide a foundation for advanced study of the human body. The course covers body orientation and organization, cells and tissues, the skeletal and muscular systems, and the eye and ear. Designed to meet the prerequisites for professional programs, e.g. nursing, dental hygiene, and physical therapy. 36 hours lecture and 108 hours laboratory.

35143 Last Day to add: 06/21/19

WE	06/17/19	07/25/19	08:00AM	09:20AM	MTWTH	ST207
	06/17/19	07/25/19	09:45AM	02:10PM	MTWTH	ST207

The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Marion

35144

Last Day to add: 06/21/19

WE	06/17/19	07/25/19	03:00PM	04:20PM	MTWTH	ST207
	06/17/19	07/25/19	04:45PM	09:10PM	MTWTH	ST207

The above section is a web-enhanced class. Internet access is required.

**Instructor:** M Donovan

#### BIO-50B

##### Anatomy and Physiology II (formerly Amy-2b)

4 UNITS

**Prerequisite:** BIO-50A

Description: First of a two course sequence that introduces students to the basic concepts and principles of anatomy and physiology. This course will provide a foundation for advanced study of the human body. The course covers body orientation and organization, cells and tissues, the skeletal and muscular systems, and the eye and ear. Designed to meet the prerequisites for professional programs, e.g. nursing, dental hygiene, and physical therapy. 36 hours lecture and 108 hours laboratory.

35145 Last Day to add: 06/23/19

WE	06/17/19	08/08/19	01:00PM	02:05PM	MTWTH	ST211
	06/17/19	08/08/19	02:15PM	05:30PM	MTWTH	ST211

The above section is a web-enhanced class. Internet access is required.

**Instructor:** I McGuire

#### BIO-55

##### Microbiology (formerly Mic-1)

4 UNITS

**Prerequisite:** CHE-2A or CHE-2B, and BIO-1 or BIO-1H or BIO-50A or BIO-60 or BIO-60H

Description: General characteristics of microorganisms with emphasis on morphology, growth, control, metabolism and reproduction; their role in disease, body defenses, and application to the biomedical field. 54 hours lecture and 54 hours laboratory.

35146 Last Day to add: 06/22/19

WE	06/17/19	08/07/19	10:15AM	12:20PM	MTW	IT211
	06/17/19	08/07/19	07:45AM	09:50AM	MTW	ST203

The above section is a web-enhanced class. Internet access is required.

**Instructor:** W Whalen

## BUSINESS ADMINISTRATION

#### BUS-10

##### Introduction to Business

3 UNITS

**Prerequisite:** None.

Description: Scope, function and organization of contemporary business; fundamentals, concepts, principles, and current practices in the major areas of business activity with an integrated global perspective. 54 hours lecture. (Letter Grade only)

35020 Last Day to add: 06/22/19

HYB	06/18/19	07/25/19	08:00AM	10:15AM	TTH	HUM102
	06/18/19	07/25/19				ONLINE

The above section is a hybrid class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** E Doucette



35223 Last Day to add: 07/06/19  
 LEC 06/27/19 08/08/19 08:00AM 11:20AM TTH CRCCRCUL3  
 This class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.

**Instructor:** A Smith

35224 Last Day to add: 07/06/19  
 LEC 06/27/19 08/08/19 11:30AM 02.5PM TTH CRCCRCL609A  
 This class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.

**Instructor:** A Smith

### BUS-20

**Business Mathematics** 3 UNITS

**Prerequisite:** None

Description: An introduction to quantitative approaches for solving common business problems using general mathematics and first degree equations. Includes the development and solution of problems in the areas of business statistics, trade and cash discounts, markups and markdowns, perishables, payroll, taxes, simple interest, promissory notes, compound interest, present and future value, annuities and sinking funds, installment buying and credit cards, home ownership costs, insurance, stocks and bonds, mutual funds, financial reports, depreciation, inventory, and overhead. 54 hours lecture.

35021 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is a hybrid class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** P Worsham

### BUS-47

**Applied Business and Management Ethics** 3 UNITS

**Prerequisite:** None

Description: An examination of ethical concerns in business decision making. Includes corporate, personal, global, governmental, public, environmental, product, and job-related issues. Case studies and corporate ethics programs and audits also covered. 54 hours lecture. (Letter Grade, or Pass/No Pass option)

35022 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** D Dokter

### BUS-87

**Purchasing and Supply Management** 3 UNITS

**Prerequisite:** None

Description: Study of the purchasing and supply manager's responsibilities including the identification, acquisition, positioning and management of materials, services and equipment that organizations needs to attain their goals. Emphasis is on decision making, integration with suppliers, critical internal relationships, and customer (end user) service. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

35023 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** R Beck

## CHEMISTRY

### CHE-2A

**Introductory Chemistry, I** 4 UNITS

**Prerequisite:** MAT-52

Description: Introduction to the nature of chemicals, their properties, chemical bonding, reactions, and mixtures. Applications to health and environmental topics. Fulfills the needs of non-science majors. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

35025 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 08:00AM 11:05AM MTTH ATEC114

06/17/19 07/25/19 11:30AM 02:35PM MTTH HUM204

The above section is a web-enhanced class. Internet access is required.

**Instructor:** A Duggal

35026 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 08:00AM 11:05AM MTTH ATEC114

06/17/19 07/25/19 11:30AM 02:35PM MTTH HUM208

The above section is a web-enhanced class. Internet access is required.

**Instructor:** A Duggal C Lugo

35024 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 03:00PM 06:05PM MTTH IT101

06/17/19 07/25/19 06:30PM 09:35PM MTTH HUM204

The above section is a web-enhanced class. Internet access is required.

**Instructor:** W Cui

35130 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 03:00PM 06:05PM MTTH IT101

06/17/19 07/25/19 06:30PM 09:35PM MTTH HUM208

The above section is a web-enhanced class. Internet access is required.

**Instructor:** W Cui C Lugo

## COMPUTER INFORMATION SYSTEMS

### CIS-1A

**Intro to Comp Info Sys** 3 UNITS

**Prerequisite:** None.

Description: An introduction to computer concepts and theory, information systems, and computer applications. The development of computer based solutions to business problems using word processors, spreadsheets, databases, presentation graphics, and the Internet.

35027 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** J Perry

35028 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** J Perry



35030 Last Day to add: 06/21/19  
 WE 06/17/19 07/24/19 02:00PM 04:50PM MTW ATEC118  
 06/17/19 07/24/19 01:00PM 01.5PM MTW ATEC118

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** J Coverdale

### CIS-5

**Programming Concepts and Methodology I: C++** 4 UNITS

**Prerequisite:** None

**Advisory:** CIS-1A

Description: Introduction to the discipline of computer science incorporating problem definitions, algorithm development, and structured programming logic for business, scientific and mathematical applications. The C++ language will be used for programming problems. 54 hours lecture and 54 hours laboratory.

35031 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE  
 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** T Pryor

### CIS-98A

**Introduction to Excel** 1.5 UNITS

**Prerequisite:** None.

Description: Introductory spreadsheet development using Microsoft Excel for business and scientific related applications. The course covers introductory through intermediate spreadsheet development. 27 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.) (Same as CAT-98A)

35183 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE  
 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** B Fuller

## COMMUNICATION STUDIES

### COM-1

**Public Speaking** 3 UNITS

**Prerequisite:** None

**Advisory:** COM-51 and qualification for ENG-1A

Description: Prepares students to compose (develop outlines and research) and present a minimum of four speeches, including informative and persuasive presentations in front of a live audience. Emphasis will include: different purposes of speaking, types of speeches and organizational patterns, topic choice and audience adaptation, rhetorical principles, development and support of sound reasoning and argument, theories of persuasion, application of ethics in public speaking, listening skills, and theory and principles of effective delivery. Students will speak formally for a minimum of 20 total semester minutes. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

35134 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 08:00AM 10:10AM MTWTH LIBR109

The above section is a web-enhanced class. Internet access is required.

**Instructor:** A Tufano

35135 Last Day to add: 06/21/19  
 HYB 06/17/19 07/25/19 10:35AM 12:45PM MW LIBR109  
 06/17/19 07/25/19 ONLINE

The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

**Instructor:** E Romero

35136 Last Day to add: 06/22/19  
 HYB 06/17/19 07/25/19 10:35AM 12:45PM TTH LIBR109  
 06/17/19 07/25/19 ONLINE

The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

**Instructor:** E Romero

35132 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 01:00PM 03:10PM MTWTH LIBR109

The above section is a web-enhanced class. Internet access is required.

**Instructor:** R Stinson

35133 Last Day to add: 06/21/19  
 WE 06/17/19 07/24/19 06:00PM 08:50PM MTW IT210

The above section is a web-enhanced class. Internet access is required.

**Instructor:** B Rihan

### COM-9

**Interpersonal Communication** 3 UNITS

**Prerequisite:** None

Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

35034 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 08:00AM 10:10AM MTWTH IT210

The above section is a web-enhanced class. Internet access is required.

**Instructor:** R Stinson

35033 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 10:35AM 12:45PM MTWTH IT210

The above section is a web-enhanced class. Internet access is required.

**Instructor:** M Lewis

35035 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 01:00PM 03:10PM MTWTH IT210

The above section is a web-enhanced class. Internet access is required.

**Instructor:** M Lewis

35032 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 03:30PM 05:40PM MTWTH IT210

The above section is a web-enhanced class. Internet access is required.

**Instructor:** R Stinson



35210 Last Day to add: 06/21/19  
 LEC 06/17/19 07/24/19 06:00PM 08:50PM MTW CRCCRCL600  
 The above class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.

**Instructor:** A Tufano

35211 Last Day to add: 06/21/19  
 LEC 06/17/19 07/24/19 06:00PM 08:50PM MTW CRCCRCUL3  
 The above class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.

**Instructor:** S Bee

## COM-12

### Intercultural Communication

3 UNITS

**Prerequisite:** None

**Advisory:** COM-51 and qualification for ENG-1A

Description: Introduction to the factors affecting intercultural communication focusing on culture, language, and social patterns and their influence on how members of groups relate among themselves and with members of different ethnic and cultural groups. Theory and knowledge of effective communication within and between cultures and appreciation and comparison of communication among diverse groups within the larger context of American culture are explored with an emphasis on self-evaluation and skill development. 54 hours lecture. (Letter Grade or Pass/No Pass option)

35201 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** B Rihan

## COM-13

### Gender and Communication

3 UNITS

**Prerequisite:** None

**Advisory:** COM-51 and qualification for ENG-1A

Description: A study of theories that address communication styles including similarities and differences between masculine and feminine gender types. Integrates theories to heighten students' awareness of the importance of gender as a communication variable. Theoretical approaches to the development of gender are discussed. Gender communication issues are addressed with an emphasis on listening, perception, verbal, nonverbal communication, and conflict management in interpersonal, small group and various other contexts. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

35200 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** E Romero

## EARLY CHILDHOOD EDUCATION

### EAR-20

#### Child Growth and Development

3 UNITS

**Prerequisite:** None

Description: This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages. Outside observations required. 54 hours lecture.

35037 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** H Alvarado

### EAR-30

#### Practicum in Early Childhood Education

4 UNITS

**Prerequisite:** EAR-20 and EAR-24 and EAR-28 and EAR-42

Description: In this course the student will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. Lab hours will be completed under the direction of a qualified Master Teacher (Child Development Permit Matrix, California Commission on Teacher Credentialing) with 3 units of supervised field experience in ECE setting. 36 hours lecture and 108 hours laboratory.

35180 Last Day to add: 06/17/19  
 WE 06/13/19 07/25/19 01:25PM 02:45PM MTWTH TBEC1  
 06/13/19 07/25/19 08:30AM 12:55PM MTWTH TBEC1

The above section is a web-enhanced class that has lab and lecture hours that will be completed at Temple Beth El Child Development (TBECDC, 2675 Central Avenue, Riverside, 951-682-7282). This class includes 36 Lecture hours and 108 Lab hours. The first Lecture class will meet at Temple Beth El on 6/13/19, the week before the summer session starts. The remaining Lecture hours will be held from 1:25-2:45 Monday through Thursday at Temple Beth El in Room 1. The Lab hours will start on 6/17/19 at Temple Beth El and will be held from 8:30-12:55 Monday through Thursday. Pursuant to California Law SB792 all students enrolled in this class must have proof of immunization against measles, pertussis (TDap), and tuberculosis (TB), by the first day of the semester. Immunizations and TB tests can be obtained at any RCCD Health Services office, or through your personal health provider. In order to take the practicum you must have your health provider, or any RCCD Health Services center, complete the Child Development Course Clearance Checklist, and bring it with you on the first day of the class. Copies of the clearance form can be located at <https://www.rcc.edu/departments/earlychildhoodstudies/Documents/Student%20Immunization%20Checklist.pdf>. Please check the form for timelines that need to be met for the identified immunizations.

**Instructor:** S Burnett





#### EAR-34

##### Infant and Toddler Care and Education

3 UNITS

**Prerequisite:** None.

Description: Applies current theory and research to the care and education of infants and toddlers in group settings. Examines essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months. 54 hours lecture. (Letter Grade only.)

35138 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 10:25AM 12:35PM MTWTH IT209

The above section is a web-enhanced class. Internet access is required.

**Instructor:** R Carreon-Bailey

#### EAR-42

##### Child, Family, and Community

3 UNITS

**Prerequisite:** None.

Description: An examination of the developing child in a societal context focusing on child, family, and the community with an emphasis on historical and socio-cultural factors.

35139 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** T Oliver

## ECONOMICS

#### ECO-7

##### Principles of Macroeconomics

3 UNITS

**Prerequisite:** MAT-52

**Advisory:** MAT-35 and qualification for ENG-1A

Description: Economic theory and analysis as applied to the U.S. economy as a whole. Emphasizes aggregative economics dealing with the macroeconomic concepts of national income and expenditure, aggregate supply and demand, fiscal policy, monetary policy, and economic stabilization and growth. Students may not receive credit for both ECO-7 and ECO-7H. 54 hours lecture.

35041 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 10:25AM 12:35PM MTWTH WEQW4

The above section is a web-enhanced class. Internet access is required.

**Instructor:** P Boelman

## ELECTRICITY

#### ELC-76

##### Low Voltage Wiring and Alternate Energy Generation (same As Elc-76)

3 UNITS

**Prerequisite:** None

**Course Credit Recommendation:** Degree Credit

Description: Introduces electricians to the specialized needs and requirements of institutional, educational and government entities, along with overlapping demands of other specialty areas that include access-control, security/safety, flood, fire and gas detection, environmental controls and renewable energy systems, patient-monitoring, nurse-call, closed-circuit television (CCTV), Internet-Intercom and phone systems and remote-monitoring and control applications. 36 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

35184 Last Day to add: 06/23/19

WE 06/18/19 08/08/19 06:00PM 07:20PM TWTH ATEC119

06/18/19 08/08/19 07:30PM 09:40PM TWTH ATEC119

The above section is a web-enhanced class. Internet access is required.

**Instructor:** T Childers

## ELECTRONICS

#### ELE-13

##### AC Electronics

4 UNITS

**Prerequisite:** ELE-10 or ELE-11 or ELE-21 or ELE-23

Description: Alternating Current (AC) theory, devices, circuits and applications--will include: resistance, reactance, impedance, capacitance, inductance, Ohm's Law, Power Law, sinusoidal waveforms, Peak, Peak-to-Peak and Root-Mean-Square (RMS) measurements, using an oscilloscope, signal generator and meter; applications of series and parallel networks of resistors, capacitors, inductors, transformers and other AC components; J-Factors and phasor-vector solutions to both simple and complex AC circuits; transient reactor analysis; phase-shift, phase-angle, and power-factor calculations and measurements. 54 hours lecture and 54 hours laboratory.

35042 Last Day to add: 06/21/19

LEC 06/17/19 07/24/19 01:00PM 04:15PM MTW ATEC119

06/17/19 07/24/19 04:25PM 05:40PM MTW ATEC119

The above section is a web-enhanced class. Internet access is required.

**Instructor:** K Rad

#### ELE-76

##### Low Voltage Wiring/Alternate Energy (same As Elc-76)

3 UNITS

**Prerequisite:** None.

Description: Electrician training for institutional, educational and government needs, plus specialty areas not generally available from others.

35185 Last Day to add: 06/23/19

WE 06/18/19 08/08/19 06:00PM 07:20PM TWTH ATEC119

06/18/19 08/08/19 07:30PM 09:40PM TWTH ATEC119

The above section is a web-enhanced class. Internet access is required.

**Instructor:** T Childers



## ENGINEERING

### ENE-60

#### Math for Engineering Technology

3 UNITS

**Prerequisite:** None.

Description: Math problems used in industry, including basic arithmetic, algebra, geometry and trigonometry.

35043 Last Day to add: 06/21/19

WE 06/17/19 07/24/19 06:00PM 08:50PM MTW CACT1

The above section is a web-enhanced class. Internet access is required.

**Instructor:** A Johnson

## ENGLISH

### PLACEMENT GUIDELINES ENGLISH COMPOSITION COURSES

#### ENGLISH 1B/1BH

- A grade of C or better in ENG-1A/1AH

#### ENGLISH 1A/1AH

- Qualifying preparation score based on the ACCUPLACER® test and academic background; or
- A grade of C or better in ENG-50
- Approved alternative placement method (see Counseling for available options)

#### ENGLISH 50

- Qualifying preparation score based on the ACCUPLACER® test and academic background; or
- Successful completion of ENG-60B or ESL-55

### ENG-1A

#### English Composition

4 UNITS

**Prerequisite:** ENG-50 or ENG-80 or qualifying placement level

Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)

35044 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** S Hanson

35048 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** D Samson

35050 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** C Gomez

35051 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** T Wallace

35052 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** D Reade

35046 Last Day to add: 06/22/19

HYB 06/17/19 07/25/19 08:00AM 11:50AM TTH CACT1

06/17/19 07/25/19 ONLINE

06/17/19 07/25/19 ONLINE

The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.

**Instructor:** S Tkach

35218 Last Day to add: 06/12/19

HYB 06/11/19 07/11/19 08:00AM 10:15AM TWTH ERHSB211

06/11/19 07/11/19 ONLINE

06/11/19 07/11/19 ONLINE

The above section is restricted to CNUSD High School students participating in Norco College's Dual Enrollment Program.

**Instructor:** N Soriano

35219 Last Day to add: 06/12/19

HYB 06/11/19 07/11/19 08:00AM 10:15AM TWTH CENT104

06/11/19 07/11/19 ONLINE

06/11/19 07/11/19 ONLINE

The above section is restricted to CNUSD High School students participating in Norco College's Dual Enrollment Program.

**Instructor:** A Long

35225 Last Day to add: 06/12/19

HYB 06/11/19 07/11/19 08:00AM 10:05AM TWTH

06/11/19 07/11/19 ONLINE

06/11/19 07/11/19 ONLINE

The above section is restricted to CNUSD High School students participating in Norco College's Dual Enrollment Program.

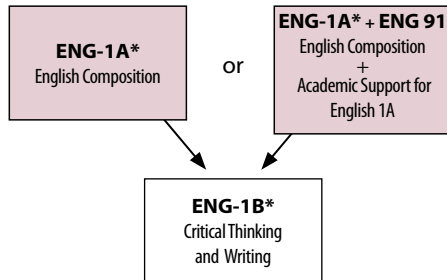
**Instructor:** M Pelle



# Moving through English, ESL and Reading

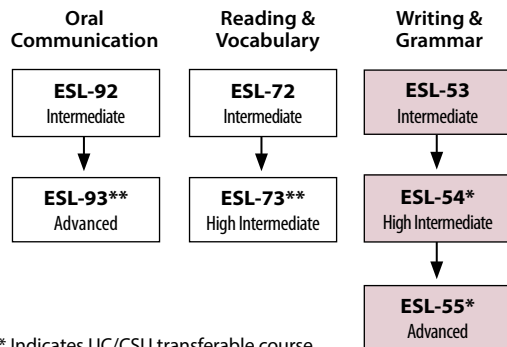
### English Composition at Norco College

Every student has the right to enroll directly into English 1A without taking English 91. If you would like more information on enrolling directly into English 1A without 91, see the challenge/opt in process at the Counseling Office.



*\*Note: Research shows that taking even one class below college-level composition (such as English 50) will make it less likely for students to complete English 1A. However, Norco College may offer sections of English 50 for students who wish to opt into this pathway. No students will be placed into English 50 automatically.*

### English as a Second Language



\* Indicates UC/CSU transferable course  
\*\* Associate Degree applicable only

### Moving Through Reading

**REA-83**  
College Reading & Thinking

or

**REA-3\***  
Reading for Academic Success

Reading 83 reviews reading and writing skills and strategies to get you to reading competency and prepare you for English 1A and other content area courses in STEM, Social Sciences, and Humanities.

REA 3 provides students with a study of fundamental academic and content-area specific reading skills and strategies needed for success in college and beyond. This course meets the reading competency graduation requirement.

### Transferable Reading Courses

**REA-3\***  
Reading for Academic Success

REA 3 provides students with a study of fundamental, academic and content-area specific reading skills and strategies needed for success in college and beyond. This course meets the reading competency graduation requirement.

\* Indicates CSU Transferable course

\*\*Satisfies CSU Critical Thinking requirement

**REA-4\***  
College Reading as Critical Thinking\*\*

REA 4 satisfies the critical thinking requirement at CSU. This course centers on reading persuasive writing and argument. Students use critical thinking to analyze and evaluate ideas encountered in academic reading.

Shaded areas indicate possible course placements



35045 Last Day to add: 06/21/19  
 WE 06/17/19 07/24/19 09:00AM 12:50PM MTW IT123  
 06/17/19 07/24/19 08:00AM 08:50AM MTW IT121

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** J Reed

35181 Last Day to add: 06/21/19  
 WE 06/17/19 07/24/19 10:00AM 01:50PM MTW IT111  
 06/17/19 07/24/19 02:00PM 02:50PM MTW IT125

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** L Hernandez

35049 Last Day to add: 06/21/19  
 HYB 06/17/19 07/25/19 02:00PM 05:50PM MW IT110  
 06/17/19 07/25/19 ONLINE  
 06/17/19 07/25/19 ONLINE

The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** J Gianunzio

35047 Last Day to add: 06/21/19  
 WE 06/17/19 07/24/19 04:00PM 07:50PM MTW IT109  
 06/17/19 07/24/19 08:00PM 08:50PM MTW IT125

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** J Hill

### ENG-1B

#### Critical Thinking and Writing

4 UNITS

**Prerequisite:** ENG-1A or ENG-1AH

Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

35057 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE  
 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** L Nelson

35058 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE  
 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** S Camacho

35055 Last Day to add: 06/21/19  
 WE 06/17/19 07/24/19 09:00AM 12:50PM MTW IT110  
 06/17/19 07/24/19 01:00PM 01:50PM MTW IT121

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** D Mills

35053 Last Day to add: 06/21/19  
 WE 06/17/19 07/24/19 10:00AM 01:50PM MTW IT206  
 06/17/19 07/24/19 02:00PM 02:50PM MTW IT121

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** R Marsh

35056 Last Day to add: 06/22/19  
 HYB 06/17/19 07/25/19 10:30AM 12:50PM TTH IT208  
 06/17/19 07/25/19 ONLINE  
 06/17/19 07/25/19 ONLINE

The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** J Dobson

35054 Last Day to add: 06/21/19  
 WE 06/17/19 07/24/19 04:00PM 07:50PM MTW IT111  
 06/17/19 07/24/19 08:00PM 08:50PM MTW IT121

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** D Mattson

### ENG-10

#### Special Studies in Literature

3 UNITS

**Prerequisite:** None

**Advisory:** ENG-1B or ENG-1BH

Description: Designed to provide students with opportunities to focus on specialized areas of literature and/or specific authors, genres, or literary themes. Topics are selected according to student and instructor interest and needs. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

35226 Last Day to add: 06/11/19  
 LEC 06/10/19 08/09/19 08:00AM 11:20AM MWF CRCCRCL609B

The above class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.

**Instructor:** L Nelson C Young



### ENGLISH AS A SECOND LANGUAGE

**ESL ONE-STOP DATES  
(NEW ESL STUDENTS MUST TAKE PTESL TEST)**

We offer "ESL One-Stop" sessions. You can take the ESL placement test and attend a college orientation on the same date. An ESL One-Stop session takes about 3 ½ hours.

To schedule an appointment:

1. Go to [www.norcollege.edu](http://www.norcollege.edu)
2. Click on Students
3. Under Enrollment Services, click on Assessment
4. Click on Make An Appointment
5. Scroll to bottom of the page and click on Make An Appointment to access the online appointment system.

Complete testing schedules are available at:

[www.norcollege.edu/services/assessment/Pages/MakeAnAppointment.aspx](http://www.norcollege.edu/services/assessment/Pages/MakeAnAppointment.aspx)

Please check the calendar and then use the online appointment system to choose your appointment. If you need to speak with someone directly, please call the Norco College Assessment Center at (951) 372-7176.

#### ESL-72

#### Intermediate Reading and Vocabulary

4 UNITS

**Prerequisite:** None

**Advisory:** ESL-71 and ESL-53 or ESL-54

Description: Emphasizes the continued acquisition of reading skills needed for college level courses, expansion of receptive and productive vocabulary, and comprehension of medium-length adapted reading selections. 72 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only)

35198												Last Day to add: 06/21/19
WE	06/17/19	07/24/19	08:00AM	11:50AM	MTW		IT106					
	06/17/19	07/24/19	12:00PM	12:50PM	MTW		IT106					

The above section is a web-enhanced class. Internet access is required.

**Instructor:** M Shirinian

### GAME DEVELOPMENT

#### GAM-21

#### History of Video Games

3 UNITS

**Prerequisite:** None

Description: A comprehensive study of the evolution of video games throughout history including arcade games, console games, computer games and mobile applications.

35061												Last Day to add: 06/21/19
WE	06/17/19	07/24/19	06:30PM	09:20PM	MTW		ATEC118					

The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Coverdale

#### GAM-35

#### Introduction to Computer Game Development

3 UNITS

**Prerequisite:** None.

Description: An introduction to computer gaming. Students will explore the job market, career paths and business aspects of gaming professions.

35062												Last Day to add: 06/22/19
OL	06/17/19	07/25/19										ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** J Finley

#### GAM-50

#### Introduction to Game Programming

3 UNITS

**Prerequisite:** None.

Description: A first course in programming for games stressing fundamental programming principles. Computer programming logic is introduced with hands on game development projects using an industry standard game engine. No previous computer programming experience is required. (Same as CIS-50)

35063												Last Day to add: 06/22/19
OL	06/17/19	07/25/19										ONLINE
	06/17/19	07/25/19										ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** J Finley

#### GAM-80

#### Digital Drawing for Game Art

4 UNITS

**Prerequisite:** None

Description: Introduction to digital drawing techniques using industry standard software. Topics include usage of digital drawing hardware, digital image manipulation, techniques for digitally painting custom textures, exploration of the elements of art as they apply to games, composition, and perspective, layout design, character design, and concept development. Includes development of observational, motor, and creative skills. Use of layers, layer styles, adjustment layers and blending modes. 54 hours lecture and 54 hours laboratory. (TBA option)

35186												Last Day to add: 06/21/19
WE	06/17/19	07/25/19	08:00AM	10:10AM	MTWTH		STEM115					
	06/17/19	07/25/19	10:30AM	12:40PM	MTWTH		STEM115					

The above section is a web-enhanced class. Internet access is required.

**Instructor:** T Dunipace



## GEOGRAPHY

**GEG-1**

**Physical Geography**

**3 UNITS**

**Prerequisite:** None

**Description:** The interacting physical processes of air, water, land, and life that impact Earth's surface. Topics include weather and climate, the water cycle, landforms and plate tectonics, and the characteristics of plant and animal life. Emphasis is on interrelationships among systems and processes and their resulting patterns and distributions. There is a heavy emphasis on maps as descriptive and analytical tools. Students may not receive credit for both GEG-1 and GEG-1H. 54 hours lecture.

35066 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 08:00AM 10:10AM MTWTH ATEC205

The above section is a web-enhanced class. Internet access is required.

**Instructor:** R Christov

35065 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 01:30PM 03:40PM MTWTH ATEC205

The above section is a web-enhanced class. Internet access is required.

**Instructor:** E Ogbuchiekwe

**GEG-1L**

**Physical Geography Laboratory**

**1 UNIT**

**Prerequisite:** None

**Corequisite:** GEG-1DE or GEG-1H

**Description:** Practical application of scientific principles through geographically based in-class exercises using a variety of tools, such as maps, photos, and data in various forms. 54 hours laboratory.

35068 Last Day to add: 06/21/19

WEL 06/17/19 07/25/19 10:20AM 12:30PM MTWTH ATEC205

The above section is a web-enhanced class. Internet access is required.

**Instructor:** R Christov

35067 Last Day to add: 06/21/19

WEL 06/17/19 07/25/19 03:50PM 06:00PM MTWTH ATEC205

The above section is a web-enhanced class. Internet access is required.

**Instructor:** E Ogbuchiekwe

## GUIDANCE

**GUI-47**

**Career Exploration and Life Planning**

**3 UNITS**

**Prerequisite:** None

**Description:** In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.

35196 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access is required.

See [www.opencampus.com](http://www.opencampus.com)

**Instructor:** J Rubino

35197

Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is an online class. Computer with Internet access is required.

See [www.opencampus.com](http://www.opencampus.com)

**Instructor:** M Williams

35204

Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only. The section is an Online Class. Computer Internet access is required.

See [www.opencampus.com](http://www.opencampus.com)

**Instructor:** R Zamora

35205

Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only. The section is an Online Class. Computer Internet access is required.

See [www.opencampus.com](http://www.opencampus.com)

**Instructor:** C Lopez Ediss

35206

Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only. The section is an Online Class. Computer Internet access is required.

See [www.opencampus.com](http://www.opencampus.com)

**Instructor:** E Montgomery

35207

Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only. The section is an Online Class. Computer Internet access is required.

See [www.opencampus.com](http://www.opencampus.com)

**Instructor:** D Flores

35069

Last Day to add: 06/21/19

WE 06/17/19 07/25/19 08:00AM 10:10AM MTWTH IT208

This above section is a web-enhanced class. Internet access is required.

**Instructor:** M Huizar

**GUI-48**

**College Success Strat**

**3 UNITS**

**Prerequisite:** None

**Description:** This comprehensive course integrates personal growth and values, academic study strategies and critical thinking techniques. Students will obtain skills and personal/interpersonal awareness necessary to succeed in college. 54 hours lecture. (Letter grade only)

35221 Last Day to add: 06/22/19

LEC 06/18/19 08/08/19 06:00PM 09:20PM TTH CRCCRCL609B

The above section is part of Norco College's Next Phase Partnership with CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.

**Instructor:** J Rubino M Titterud



### HEALTH SCIENCE

HES-1

**Health Science (same As Bio-35)**

**3 UNITS**

**Prerequisite:** None

**Description:** A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification.

35070 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 08:00AM 10:10AM MTWTH STEM201

The above section is a web-enhanced class. Internet access is required.

**Instructor:** T Wallstrom

35071 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 06:00PM 08:10PM MTWTH WEQW7

The above section is a web-enhanced class. Internet access is required.

**Instructor:** T Wallstrom

### HISTORY

HIS-6

**Political and Social History of the Unit**

**3 UNITS**

**Prerequisite:** None

**Advisory:** REA-83 and qualification for ENG-1A

**Description:** Political, social, and economic development of the United States from pre-colonial background and colonial foundations to 1877; the evolution of American thought and institutions; principles of national, state, and local government. Students may not receive credit for both HIS-6 and and HIS-6H. 54 hours lecture.

35158 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 10:25AM 12:35PM MTWTH HUM103

The above section is a web-enhanced class. Internet access is required.

**Instructor:** H Vion

35156 Last Day to add: 06/21/19

WE 06/17/19 07/24/19 06:00PM 08:50PM MTW HUM103

The above section is a web-enhanced class. Internet access is required.

**Instructor:** M Hickerson

HIS-7

**United States History From 1865**

**3 UNITS**

**Prerequisite:** None

**Advisory:** ENG-83 or ENG-50 or ENG-80 or qualification for ENG-1A

**Description:** Political, social and economic development of the United States from 1865 to the present; the evolution of American thought and institution; principles of national, state, and local government. Students may not receive credit for both HIS-7 and HIS-7H. 54 hours lecture.

35161 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** D Reina

35163 Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** D Reina

35165

Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** D Reina

35162

Last Day to add: 06/21/19

WE 06/17/19 07/25/19 08:00AM 10:10AM MTWTH HUM103

The above section is a web-enhanced class. Internet access is required.

**Instructor:** H Vion

35164

Last Day to add: 06/21/19

WE 06/17/19 07/25/19 01:30PM 03:40PM MTWTH HUM103

The above section is a web-enhanced class. Internet access is required.

**Instructor:** H Vion

### HUMANITIES

HUM-10

**World Religions**

**3 UNITS**

**Prerequisite:** None

**Advisory:** REA-83 and qualification for English 1A

**Description:** Thought and concepts of the major religious systems, including primal religions, extinct religions, Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Judaism, Christianity, and Islam. Students may not receive credit for both HUM-10 and HUM-10H. 54 hours lecture.

35072 Last Day to add: 06/22/19

WE 06/18/19 07/25/19 08:00AM 11:05AM TWTH IT108

The above section is a web-enhanced class. Internet access is required.

**Instructor:** D Ketcham

### INTERDISCIPLINARY STUDIES

ILA-1

**Introduction to Tutor Training**

**1 UNIT**

**Prerequisite:** None

**Advisory:** Qualification for ENG-1A

**Description:** Introduction to tutoring, with an emphasis on tutoring strategies, learning styles, problem solving, and working with diverse student populations. Designed to prepare students to become peer tutors in a variety of subject areas. Tutors develop student-centered, non-intrusive tutoring skills to meet a wide variety of student needs. Topics include theory, practice and ethics of tutoring, interpersonal communications techniques, tutoring diverse student populations, and group tutorial methods and practical field work. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)

35213 Last Day to add: 06/23/19

WE 06/19/19 07/24/19 05:30PM 08:30PM W LIBR109

This above section is a web-enhanced class. Internet access is required.

**Instructor:** A Jimenez



### KINESIOLOGY

**KIN-4**

**Nutrition**

**3 UNITS**

**Prerequisite:** None

Description: The principles of modern nutrition and its application. The importance of a scientific knowledge of nutrition, specific food nutrients and nutritional controversies. A study of modern convenience foods and their impact on present day diets. 54 hours lecture.

35192 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** S Witmer

35076 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 10:35AM 12:45PM MTWTH WEQW3

The above section is a web-enhanced class. Internet access is required.

**Instructor:** T Wallstrom

**KIN-10**

**Introduction to Kinesiology**

**3 UNITS**

**Prerequisite:** None.

Description: The study of human movement, sub-disciplines in Kinesiology and career opportunities.

35074 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 01:30PM 03:40PM MTWTH WEQW3

The above section is a web-enhanced class. Internet access is required.

**Instructor:** D Bednarczyk

**KIN-30**

**First Aid and CPR**

**3 UNITS**

**Prerequisite:** None.

Description: Earn "National Safety Council Advanced First Aid" and "American Heart Association Healthcare Professional" certificates. First Aid and CPR fees totaling \$20.00 will be charged to the student and are not covered by BOGW. Drop deadlines for non-payment apply.

35075 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 08:00AM 10:10AM MTWTH WEQW3

The above section is a web-enhanced class. Internet access is required.

**Instructor:** S Witmer

**KIN-A46**

**Hatha Yoga, Beginning**

**1 UNIT**

**Prerequisite:** None.

Description: Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation.

35077 Last Day to add: 06/21/19

WEL 06/17/19 07/25/19 10:35AM 12:45PM MTWTH WEQW2

The above section is a web-enhanced class. Internet access is required.

**Instructor:** L Zank

**KIN-A64**

**Soccer**

**1 UNIT**

**Prerequisite:** None

Description: This course is designed to introduce students to the rules, basic skills, and offensive/defensive strategy in soccer. Emphasis will be placed on improving individual skills and applying these skills to game situations. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

35078 Last Day to add: 06/21/19

WEL 06/17/19 07/25/19 08:00AM 10:10AM MTWTH SOCR1

The above section is a web-enhanced class. Internet access is required.

**Instructor:** D Rea

35079 Last Day to add: 06/21/19

WEL 06/17/19 07/25/19 03:50PM 06:00PM MTWTH SOCR1

The above section is a web-enhanced class. Internet access is required.

**Instructor:** D Rea

**KIN-A77A**

**Jogging for Fitness, Beginning**

**1 UNIT**

**Prerequisite:** None

Description: This course is designed to introduce basic fitness concepts to improve each individual's physical health and general well being. The course is geared to all ages and is concerned with aspects of cardiovascular health and weight control. Emphasis will be on building endurance and strength through jogging. KIN-A77A, A77B, and A77C are courses related in content and are limited in enrollment according to Title 5, section 55040. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

35080 Last Day to add: 06/21/19

WEL 06/17/19 07/25/19 08:00AM 10:10AM MTWTH WEQW8

The above section is a web-enhanced class. Internet access is required.

**Instructor:** R Aguilar

**KIN-A81A**

**Physical Fitness, Beginning**

**1 UNIT**

**Prerequisite:** None

Description: This course is designed to give the student an overview of the basic concepts that affect total fitness. Personalized exercise programs in cardiovascular endurance, muscular strength, muscular endurance, and flexibility will be developed. KIN-A81A and A81B are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information see section VIII regarding course repetition. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

35081 Last Day to add: 06/21/19

WEL 06/17/19 07/25/19 01:30PM 03:40PM MTWTH WEQW8

The above section is a web-enhanced class. Internet access is required.

**Instructor:** D Rea

**KIN-A81B**

**Physical Fitness, Intermediate**

**1 UNIT**

**Prerequisite:** None.

Description: Provides concepts for total fitness and develops personalized exercise programs for cardiovascular endurance, strength and flexibility.

35082 Last Day to add: 06/21/19

WEL 06/17/19 07/25/19 10:35AM 12:45PM MTWTH WEQW8

The above section is a web-enhanced class. Internet access is required.

**Instructor:** D Rea





### KIN-A83

#### Kickboxing Aerobics

1 UNIT

**Prerequisite:** None.

Description: Basic fitness concepts as well as basic movement skills and exercises with the use of kickboxing in an aerobic format. Students will develop strength, flexibility, endurance, movement memory, balance, coordination and cardiovascular fitness. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

35216 Last Day to add: 06/21/19

LAB 06/17/19 07/25/19 08:00AM 10:10AM MTWTH WEQW2

The above section is a web-enhanced class. Internet access is required.

**Instructor:** L Zank

### KIN-V78

#### Long Distance Running

1 UNIT

**Prerequisite:** None

**Limitation on enrollment:** Retention based on successful tryout

Description: This course will provide general and specific long distance running principles, conditioning methods, and race tactics involved in competitive long distance running. Subsequent enrollment in additional semesters will provide the student an opportunity for added skill and competency development. This course may be taken a total of four times. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

35208 Last Day to add: 06/21/19

LAB 06/17/19 07/25/19 08:00AM 09:10AM MTWTH SOCRPATIO

The above section is Long Distance Running. To enroll please contact the coach.

**Instructor:** L Jalayer

## LIBRARY

### LIB-1

#### Introduction to Information Literacy

1 UNIT

**Prerequisite:** None

Description: Presents the fundamentals of the effective use of libraries to find, evaluate, interpret, and organize information online and in print; and to answer research questions and develop new ones. Students will develop an understanding of access to and ethical use of information through the use of retrieval systems. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)

35083 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** M Castro

## MANAGEMENT

### MAG-47

#### Applied Business, Management Ethics

3 UNITS

**Prerequisite:** None.

Description: An examination of ethical concerns including corporate, personal, global, environmental, public related issues ethics audits, and corporate social responsibility. (Same as BUS-47)

35084 Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** D Dokter

## MANUFACTURING TECHNOLOGY

### MAN-55

#### Occupational Safety and Health Administration (OSHA) Standards for General Industry

2 UNITS

**Prerequisite:** None

Description: Covers OSHA policies, procedures, and standards, as well as safety for general industry and health principles. Topics include scope and application of the OSHA general industry standards. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide. Upon successful course completion, the student will receive either an OSHA 10 or 30 hour general industry or construction industry training completion card. 36 hours lecture. (Letter Grade, or Pass/No Pass option.)

35085 Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** K Mosley

### MAN-69

#### Fundamentals of Tooling and Test Equipment

2 UNITS

**Prerequisite:** None

Description: An introduction to the tools and equipment used in the facility maintenance occupation, with an emphasis on the safe use, maintenance, and storage of a variety of tools and equipment. Introduces hand and power tools, test equipment, and wiring practices.

35187 Last Day to add: 06/21/19

WE 06/17/19 07/24/19 08:00AM 09:15AM MTW ATEC119

06/17/19 07/24/19 09:30AM 10:45AM MTW ATEC119

The above section is a web-enhanced class. Internet access is required.

**Instructor:** T Childers

## MATHEMATICS

### MAT-1A

#### Calculus I

4 UNITS

**Prerequisite:** MAT-10 or MAT-23 or qualifying placement level.

Description: Functions, limits, continuity, techniques and applications of differentiation, the Fundamental Theorem of Calculus, and basic integration. 72 hours lecture and 18 hours laboratory. (Letter Grade or Pass/No Pass option)

35175 Last Day to add: 06/21/19

WE 06/17/19 07/24/19 08:00AM 11:50AM MTW STEM302

06/17/19 07/24/19 12:00PM 12:50PM MTW STEM302

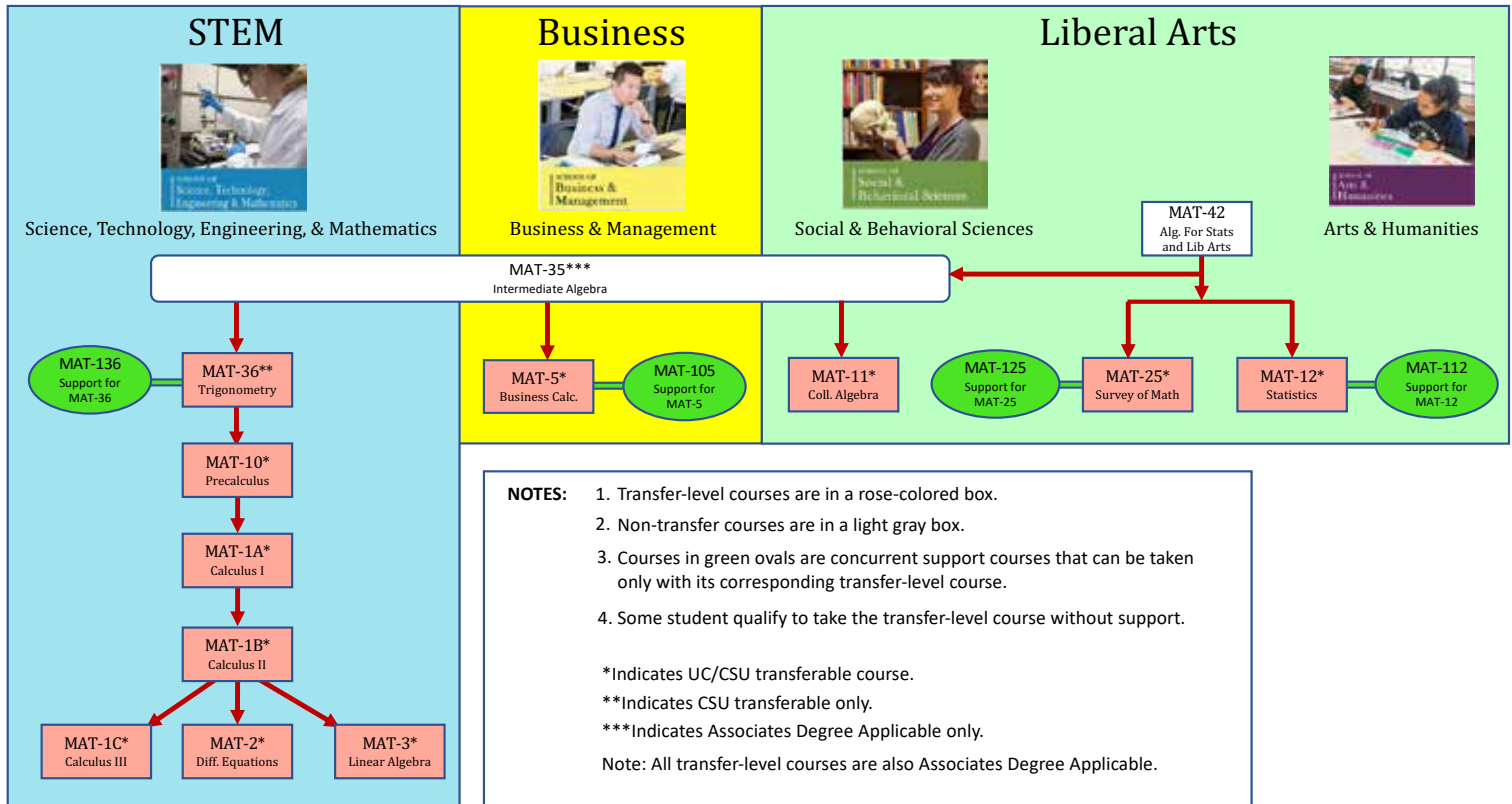
The above section is a web-enhanced class. Internet access is required.

**Instructor:** B Johnson



### NORCO COLLEGE

### MOVING THROUGH MATH



35174 Last Day to add: 06/21/19  
 WE 06/17/19 07/24/19 12:00PM 03:50PM MTW ATEC210  
 06/17/19 07/24/19 04:00PM 04:50PM MTW ATEC210

The above section is a web-enhanced class. Internet access is required.

Instructor: A Robles

**MAT-1B**  
**Calculus II** 4 UNITS

Prerequisite: MAT-1A

Description: Techniques of integration, applications of integration, improper integrals, parametric equations, polar coordinates, infinite sequences and series. 72 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)

35176 Last Day to add: 06/21/19  
 WE 06/17/19 07/24/19 08:00AM 11:50AM MTW WEQW6A  
 06/17/19 07/24/19 12:00PM 12:50PM MTW WEQW6A

The above section is a web-enhanced class. Internet access is required.

Instructor: J Tournant

**MAT-5**  
**Calculus for Business and Life Science** 4 UNITS

Prerequisite: MAT-35

Description: A study of the techniques of calculus for majors in business, business administration, life and social sciences. Emphasis on problem solving and applications. Topics include: functions, graphs, limits, derivatives, integrals, exponential and logarithmic functions. 72 hours lecture. (Letter Grade or Pass/No Pass option.)

35093 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 11:00AM 01:50PM MTWTH WEQW5

The above section is a web-enhanced class. Internet access is required.

Instructor: J Basinger

**MAT-10**  
**Precalculus** 5 UNITS

Prerequisite: MAT-36 or qualifying placement level

Description: Preparation for calculus: Polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates, sequences, and series. Students cannot receive credit for MAT 10 if they have already received credit for MAT 23. 90 hours lecture. (Letter Grade or Pass/No Pass option)

35148 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 10:20AM 01:55PM MTWTH STEM201

The above section is a web-enhanced class. Internet access is required.

Instructor: E Hwang



35147 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 06:00PM 09:35PM MTWTH ATEC211  
 The above section is a web-enhanced class. Internet access is required.  
**Instructor:** E Shonoda

**MAT-11** **4 UNITS**  
**College Algebra**

**Prerequisite:** MAT-35 or qualifying placement level  
 Description: This course is intended for students majoring in Liberal Arts and Humanities. The topics covered in this course include polynomial, radical, rational, absolute value, exponential and logarithmic functions; systems of equations; polynomial equations; permutations and combinations; analytic geometry; and linear programming. 72 hours lecture. (Letter Grade or Pass/No Pass option)

35087 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 02:00PM 04:50PM MTWTH ATEC204  
 The above section is a web-enhanced class. Internet access is required.  
**Instructor:** J DeGuzman

**MAT-12** **4 UNITS**  
**Statistics**

**Prerequisite:** MAT-35 or MAT-37 or MAT-43 or qualifying placement level.  
 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)

35153 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE  
 The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 07/05 to 07/06 and another day between 07/26 and 07/27.

**Instructor:** B Johnson  
 35154 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE  
 The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 07/05 to 07/06 and another day between 07/26 and 07/27.

**Instructor:** B Lopez Segoviano  
 35155 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE  
 The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 07/05 to 07/06 and another day between 07/26 and 07/27.

**Instructor:** J Mulari  
 35149 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 08:00AM 10:50AM MTWTH ATEC211  
 The above section is a web-enhanced class. Internet access is required.  
**Instructor:** S Johnson

35157 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 08:00AM 10:50AM MTWTH LIBR108  
 The above section is a web-enhanced class. Internet access is required.  
**Instructor:** D Wood

35150 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 11:00AM 01:50PM MTWTH LIBR108  
 The above section is a web-enhanced class. Internet access is required.

**Instructor:** P Singh  
 35195 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 11:00AM 01:50PM MTWTH ATEC211  
 The above section has assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor (sean.davis@norcolledge.edu) prior to enrolling. The above section is a web-enhanced class.

**Instructor:** A Johnson  
 35217 Last Day to add: 06/20/19  
 HYB 06/20/19 07/25/19 12:00PM 03:05PM TH ATEC210  
 06/20/19 07/25/19 ONLINE  
 The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

**Instructor:** J Mulari  
 35151 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 02:30PM 05:20PM MTWTH LIBR108  
 The above section is a web-enhanced class. Internet access is required.

**Instructor:** Y Lam  
 35152 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 06:00PM 08:50PM MTWTH LIBR108  
 The above section is a web-enhanced class. Internet access is required.  
**Instructor:** S Lee

**MAT-35** **5 UNITS**  
**Intermediate Algebra**

**Prerequisite:** MAT-52  
 Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)

35088 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 08:00AM 11:35AM MTWTH ATEC210  
 The above section is a web-enhanced class. Internet access is required.

**Instructor:** S Park  
 35091 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 06:00PM 09:35PM MTWTH WEQW5  
 The above section is a web-enhanced class. Internet access is required.  
**Instructor:** J DeGuzman



### MAT-36

#### Trigonometry

4 UNITS

**Prerequisite:** MAT-35 and MAT-53 OR Appropriate placement.

Description: The study of trigonometric functions, their inverses and their graphs; identities and proofs related to trigonometric expressions; solving trigonometric equations; solving right triangles; solving oblique triangles using the law of sines and cosines; polar coordinates; complex numbers; introduction to vectors and elements of geometry important to the foundation of trigonometry. 72 hours lecture. (Letter Grade or Pass/No Pass option)

35160 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 01:35PM 04:25PM MTWTH WEQW6A

The above section is a web-enhanced class. Internet access is required.

**Instructor:** S Park

35159 Last Day to add: 06/21/19  
 WE 06/17/19 07/25/19 06:00PM 08:50PM MTWTH WEQW6A

The above section is a web-enhanced class. Internet access is required.

**Instructor:** S Borissova

### MAT-42

#### Algebra for Statistics and Liberal Arts

6 UNITS

**Prerequisite:** MAT-64 or MAT-65 or MAT-90F

Course Credit Recommendation: Non-Degree Credit

Description: An Algebra for Statistics and Liberal Arts course designed to enable students to develop conceptual understanding and problem solving competence as preparation for college level statistical reasoning and liberal arts level math. This course integrates numeracy; proportional, algebraic and statistical reasoning; functions and modeling and focuses on developing mathematical maturity through problem solving, critical thinking, data analysis, and the writing and communications of mathematics. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. Emphasis is placed on modeling and problem solving, with techniques and manipulations covered in context. Throughout the course, Math success content will be integrated with mathematical topics. Credit earned does not count toward any degree, nor does it transfer. 108 hours lecture.

35171 Last Day to add: 06/23/19  
 LEC 06/17/19 08/08/19 08:00AM 11:15AM MTWTH CRCCRCL609A

The above class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.

**Instructor:** J Zaragoza

## MUSIC

### MUS-19

#### Music Appreciation

3 UNITS

**Prerequisite:** None

Description: A broad survey of music in the Western world, including terminology for describing musical elements, forms, and styles. Organized to acquaint students with the roles of music and musicians in society and with representative musical selections through listening, reading, writing, and live performance. 54 hours lecture.

35099 Last Day to add: 06/22/19  
 OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** K Kamerin

35100

Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** K Kamerin

35209

Last Day to add: 06/23/19

LEC 06/17/19 08/07/19 08:00AM 11:10AM MW CRCCRCUL3

The above class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.

**Instructor:** M Callahan

35098

Last Day to add: 06/21/19

WE 06/17/19 07/25/19 10:35AM 12:45PM MTWTH IT101

The above section is a web-enhanced class. Internet access is required.

**Instructor:** A Eastwood

### MUS-25

#### Jazz Appreciation

3 UNITS

**Prerequisite:** None

Description: A comprehensive study of jazz from its origins to the present day. Study will be centered on influential composers, instrumentalists, vocalists and arrangers. There will also be an introduction to, and study of, musical elements such as instrumentation, lyrics, form, rhythm and harmony. 54 hours lecture.

35101

Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** T Walton

### MUS-87

#### Applied Music Training

1 UNIT

**Prerequisite:** None

Description: Vocal or instrumental instruction for students who are proficient performers and could benefit from individualized instruction as determined by audition. Each student must complete 54 hours in a combination of individualized practice, lessons, concert attendance and individual performance. Not designed for beginning students. Course may be taken a total of four times. 54 hours laboratory.

35102

Last Day to add: 06/29/19

WEL 06/17/19 07/25/19

THTR204

The above section is a web-enhanced class and has a 54-hour laboratory requirement to be arranged. Internet access is required. This course offers private study in voice, piano, guitar, bass or drums. An audition is required. Students must either come to THTR 204 at 1pm on Monday, June 18th or must contact the instructor to schedule an audition. 3 hours of lessons and 2 hours of required performance times are to be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for a minimum of 6.5 hours each week. For additional information, please contact the instructor; [Kim.Kamerin@norcollege.edu](mailto:Kim.Kamerin@norcollege.edu) or 951-738-7703.

**Instructor:** K Kamerin



### MUS-92

#### Basic Piano

.50 UNITS

**Prerequisite:** None.

Description: Group piano lessons for beginners. Emphasis on simple melodies and basic chords using standard musical notation and lead sheets.

35103 Last Day to add: 06/22/19

LAB 06/18/19 07/25/19 10:30AM 12:10PM TWTW HUM101

The above section is a web-enhanced class. Internet access is required.

**Instructor:** Z Shehata

## PHILOSOPHY

### PHI-10

#### Introduction to Philosophy

3 UNITS

**Prerequisite:** None

**Advisory:** ENG-50 or ENG-80

Description: A survey and exploration of significant questions in the Western philosophical tradition. Questions are drawn from the various branches of philosophy: metaphysics, theory of knowledge, ethics, aesthetics, political philosophy and/or philosophy of religion. Students may not receive credit for both PHI-10 and PHI-10H. 54 hours lecture.

35104 Last Day to add: 06/22/19

HYB 06/18/19 07/25/19 08:00AM 10:10AM TTH ATEC204

06/18/19 07/25/19 ONLINE

The above section is a hybrid class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** L Montes

## POLITICAL SCIENCE

### POL-1

#### American Politics

3 UNITS

**Prerequisite:** None

**Advisory:** REA-83 and qualification for ENG-1A

Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.

35107 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** S Popiden

35110 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** S Popiden

35111 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** C Samuels

35168

Last Day to add: 06/22/19

OL 06/17/19 07/25/19

ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** C Samuels

35109

Last Day to add: 06/21/19

WE 06/17/19 07/25/19 10:35AM 12:45PM MTWTH IT109

The above section is a web-enhanced class. Internet access is required.

**Instructor:** R Brown

35108

Last Day to add: 06/21/19

WE 06/17/19 07/25/19 01:00PM 03:10PM MTWTH WEQW7

The above section is a web-enhanced class. Internet access is required.

**Instructor:** R Brown

### POL-4

#### Introduction to World Politics

3 UNITS

**Prerequisite:** None

**Advisory:** Qualification for ENG-1A and REA-83

Description: A study of the theories, paradigms, and issues of global politics. Special attention is given to the role of the United States in the international community, the role of international organizations and international political economy. 54 hours lecture.

35112 Last Day to add: 06/21/19

WE 06/17/19 07/24/19 06:00PM 08:50PM MTW ATEC204

The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Buckner

## PSYCHOLOGY

### PSY-1

#### General Psychology

3 UNITS

**Prerequisite:** None.

Description: Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.

35115 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** L Adams

35116

Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** L Adams

35114

Last Day to add: 06/21/19

WE 06/17/19 07/25/19 08:00AM 10:10AM MTWTH IT109

The above section is a web-enhanced class. Internet access is required.

**Instructor:** N Hightower

35113

Last Day to add: 06/21/19

WE 06/17/19 07/24/19 06:00PM 08:50PM MTW ATEC114

The above section is a web-enhanced class. Internet access is required.

**Instructor:** A Deane



### PSY-2

#### Biological Psychology

3 UNITS

**Prerequisite:** PSY-1

Description: The scientific study of brain-behavior relationships and mental processes. Issues addressed include: historical scientific contributions and current research principles for studying brain-behavior associations and mental processes, basic nervous system structure and function, sensory and motor systems, emotion, motivation, learning and memory, sleep and dreaming, and neurological and mental disorders. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental investigations. 54 hours lecture.

35177 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 01:00PM 03:10PM MTWTH IT209

The above section is a web-enhanced class. Internet access is required.

**Instructor:** B Adams

### PSY-9

#### Developmental Psychology

3 UNITS

**Prerequisite:** None

Description: Examines the prevailing theories and research of developmental psychology and the stages of human development from conception to death.

35119 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** K Zamiska

35120 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** K Zamiska

35117 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 10:35AM 12:45PM MTWTH WEQW7

The above section is a web-enhanced class. Internet access is required.

**Instructor:** N Hightower

35118 Last Day to add: 06/21/19

WE 06/17/19 07/24/19 06:00PM 08:50PM MTW WEQW4

The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Hicks

## REAL ESTATE

### RLE-80

#### Real Estate Principles

3 UNITS

**Prerequisite:** None.

Description: Comprehensive analysis of basic laws, principles, terminology and current practices of California real estate.

35121 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** T Wagner

### RLE-81

#### Real Estate Practices

3 UNITS

**Prerequisite:** None

Description: Covers basic laws and principles of California real estate, terminology and daily operations in a real estate brokerage. Includes listing, prospecting, advertising, financing, sales techniques, escrow and ethics. Applies toward state's educational requirements for the brokers examination. 54 hours lecture.

35188 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** T Wagner

### RLE-82

#### Legal Aspects of Real Estate

3 UNITS

**Prerequisite:** None

Description: California real estate law, including rights incident to property ownership and management, agency, contracts, and application to real estate transfer, conveyance, probate proceedings, trust deeds, and foreclosure, as well as recent legislation governing real estate transactions. Applies toward educational requirement of brokers examination. 54 hours lecture.

35189 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** T Wagner

## SOCIOLOGY

### SOC-1

#### Introduction to Sociology

3 UNITS

**Prerequisite:** None

**Advisory:** ENG-50

Description: An introduction to the basic concepts relating to the study of society. The course includes investigation into the foundations of sociology including its overall perspective, theoretical orientations, and research methodology; the foundations of social life including the components of culture, social interaction and the process of socialization, groups, organizations, and deviance; economic social inequality based upon class, race, sex, and age; social institutions; and dimensions of social change. Students may not receive credit for both SOC-1 and 1H. 54 hours lecture

35122 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 08:00AM 10:10AM MTWTH HUM111

The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Hill

35123 Last Day to add: 06/21/19

WE 06/17/19 07/25/19 10:25AM 12:35PM MTWTH HUM111

The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Hill



### SOC-2

#### American Social Problems

3 UNITS

**Prerequisite:** None

**Description:** Identification and analysis of major social problems confronting contemporary 20th century America; emphasizing, among other topics, urban and rural transformations, family life, minorities, criminal and delinquent behavior. 54 hours lecture.

35124 Last Day to add: 06/21/19

WE 06/17/19 07/24/19 06:15PM 09:05PM MTW IT101

The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Hill

## SPANISH

### SPANISH PLACEMENT TESTING

The Spanish placement test measures competency levels for those who wish to enroll in Spanish courses but need to determine the appropriate starting level. The results show a recommendation of the appropriate Spanish class. Students can enroll in a level lower than their placement, but not higher. This placement test is intended for placement only, not for credit replacement. Once you have taken a Spanish class, you can no longer take the placement test. Placement tests are available by appointment only.

Please visit our online appointment system at:

<https://esars.rccd.edu/Norco/Assessment/index.htm>

If you need to speak with someone directly, please call the Norco College Assessment Center (951) 372-7176

### ENROLLMENT GUIDELINES SPANISH

1. If you have taken Spanish in high school or in another college or university, you must have official transcripts on file and request evaluation of the course(s) in order to enroll above level 1.
2. If you have acquired knowledge of Spanish outside of a formal educational institution, you must file a matriculation appeals petition in order to enroll above level 1.

### SPA-1

#### Spanish 1

5 UNITS

**Prerequisite:** None

**Advisory:** Completion of placement test to assess level of proficiency in Spanish.

**Description:** Develops basic skills in listening, reading, speaking and writing. Emphasis on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. Includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H. 90 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)

35125 Last Day to add: 06/21/19

HYB 06/17/19 07/24/19 02:00PM 05:30PM MW LIBR110

06/17/19 07/24/19 ONLINE

06/17/19 07/24/19 05:40PM 06:55PM MW LIBR110

The above section is a hybrid class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** N Guillen

### SPA-2

#### Spanish 2

5 UNITS

**Prerequisite:** SPA-1B or SPA-1 or SPA-1H, or qualifying placement level on the Spanish assessment test or the equivalent

**Description:** Further development of basic skills in listening, reading, speaking and writing. A continued emphasis on the acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written Spanish at the beginning level. This course includes an expanded discussion of Hispanic culture and daily life. Students may not receive credit for both SPA-2 and SPA-2H. 90 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)

35179 Last Day to add: 06/21/19

HYB 06/17/19 07/24/19 09:00AM 12:15PM MTW LIBR110

06/17/19 07/24/19 ONLINE

06/17/19 07/24/19 ONLINE

The above section is a hybrid class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** D Hitchcock

## THEATER ARTS

### THE-3

#### Introduction to the Theater

3 UNITS

**Prerequisite:** None

**Description:** A comprehensive study of theatrical styles and forms with units in directing, acting, designing, technical theater, playwriting, and genres, to acquaint the student with the diverse nature of theater leading to an appreciation and understanding of theater as a separate and distinctive art form. 54 hours lecture.

35126 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** W Stevens

35127 Last Day to add: 06/22/19

OL 06/17/19 07/25/19 ONLINE

The above section is an online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** W Stevens

35182 Last Day to add: 06/21/19

WE 06/17/19 07/24/19 06:00PM 08:50PM MTW THTR101

The above section is a web-enhanced class. Internet access is required.

**Instructor:** M Torres Cruz



## WORK EXPERIENCE

WKX-200

**Work Experience**

1 UNIT

**Prerequisite:** None

**Advisory:** Students should have paid or voluntary employment

Description: This course is designed to coordinate the students occupational on-the-job training with related instruction in work-related skills, including occupational and educational resources, career planning, resume development and interview techniques. Students may earn up to four (4) units each semester for a maximum of 16 units of work experience. No more than 20 hours per week may be applied toward the work requirement; 60 hours of volunteer work or 75 hours of paid work in the semester are required for each unit. WKX-200 is an enrolling course for General Work Experience and Occupational Work Experience courses. Students enrolling in WKX-200 are administratively moved to the appropriate general or occupational work experience course after the first class meeting. Determination of the appropriate work experience course is made by the instructor, with input from the student, based upon several factors, including the number of hours worked during the semester, occupational program requirements, and type of work in which the student is engaged. 18 hours orientation and 60 hours of volunteer work experience (maximum of 240 hours) or 75 hours of paid work experience (maximum of 300 hours) are required for each enrolled unit.

35129

Last Day to add: 06/22/19

WRKO 06/17/19 07/25/19

ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). In addition to the online lecture, students are required to attend an orientation at Norco College the first week of the semester, dates and times will be posted in Canvas. Students must also meet on-campus for an instructor conference and for final exams. Please see Canvas for specific dates and times.

**Instructor:** A Etchison

35215

Last Day to add: 06/22/19

WRKO 06/17/19 07/25/19

ONLINE

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). In addition to the online lecture, students are required to attend an orientation at Norco College the first week of the semester, dates and times will be posted in Canvas. Students must also meet on-campus for an instructor conference and for final exams. Please see Canvas for specific dates and times.

**Instructor:** D Schlanger