



**FALL 2018**

CLASSES BEGIN AUGUST 27

# NORCO COLLEGE



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## 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	ABBR	BUILDING
A TEC	Applied Technology	SSV	Student Services
C ACT	CACT Center	ST	Science and Technology
LIBR	Wilfred J. Airey Library	STEM	STEM Center
HUM	Humanities	THTR	Theater Building
IT	Industrial Technology	WEQ	West End Quad
JFK	John F. Kennedy Middle College High School		

**Our distance education courses** are currently undergoing a change in learning management systems (LMS) from Blackboard to Canvas. Certain course sections are now being taught in Canvas. To find a list of these courses and how this affects your online, hybrid, or web-enhanced class, please go to the Distance Education Website, students' page for RCCD at: <http://www.opencampus.com/students.html>.

## 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.

**37002** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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 come to campus for a proctored final exam. Your instructor will have additional details.

**Instructor:** P Worsham

### 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.

**37005** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** D White

### 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.

**37004** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:40AM 09:05AM MW IT 122

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

**Instructor:** D White

## 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.

**37000** Last day to add: 09/03/18

HYB 08/27/18 10/18/18 09:40AM 11:10AM TTH IT 117

HYBO 08/27/18 10/18/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** P Worsham

## 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.

**37003** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM M JFK 120

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

**Instructor:** D White

## 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.

**37001** Last day to add: 09/02/18

HYB 08/29/18 10/17/18 06:00PM 09:10PM W JFK 116

HYBO 08/29/18 10/17/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates

**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.

**37007** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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 come to campus for a proctored final exam. Your instructor will have additional details.

**Instructor:** P Worsham

## 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.

**37008** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term 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 come to campus for a proctored final exam. Your instructor will have additional details.

**Instructor:** P Worsham

## 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.

**37009** Last day to add: 10/27/18

HYB 10/23/18 12/13/18 09:40AM 11:05AM TTH IT 117

HYBO 10/23/18 12/13/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** P Worsham

## 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.

**37006** Last day to add: 10/28/18

HYB 10/24/18 12/12/18 06:00PM 09:10PM W JFK 120

HYBO 10/24/18 12/12/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates

**Instructor:** D White

## ACC-55 Applied Accounting/Bookkeeping

3 UNITS

**Prerequisite:** None

Description: This is an introductory course for students who are non-accounting majors. The focus is basic bookkeeping and accounting principles for both merchandising and service oriented small business enterprises. Emphasis is on the development of skills to record business transactions for cash and accrual methods, as well as the procedures to prepare financial statements and complete an accounting cycle. Attention is given to special journals, subsidiary ledgers, and payroll and banking procedures. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37960** Last day to add: 09/03/18

HYB 08/28/18 10/18/18 08:00AM 09:25AM TTH CACT 2

HYBO 08/28/18 10/18/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** N Ildefonso



## 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.)

**37011** Last day to add: 10/30/18  
OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** M Scott

## ACC-65 Computerized Accounting

3 UNITS

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

**Advisory:** CIS-1A or CIS-3

Description: An introduction to computerized accounting, integrating the principles of accounting to an automated system in use by many accounting professionals. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37961** Last day to add: 10/27/18

HYB 10/23/18 12/13/18 08:00AM 09:25AM TTH CACT 2

HYBO 10/23/18 12/13/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** N Ildefonso

## ACC-67 U.S. and California Income Tax Preparation

4 UNITS

**Prerequisite:** None

Description: U.S. and California income tax principles and tax return preparation as it relates to individuals, sole proprietorships, and other business entities. This course is certified by the California Tax Education Council (CTEC) as fulfilling the 60-hour qualifying education requirement imposed by the State of California for becoming a Registered Tax Preparer. 72 hours lecture.

**37012** Last day to add: 09/02/18

HYB 08/29/18 10/17/18 05:30PM 09:45PM W JFK 118

HYBO 08/29/18 10/17/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** J Muir

## ADMINISTRATION OF JUSTICE

### ADJ-1 Introduction to the Administration of Justice

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.

**37013** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW IT 202

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

**Instructor:** S Williams

### ADJ-2 Principles and Procedures of the Justice System

3 UNITS

**Prerequisite:** None

Description: This course provides an examination and analysis of due process in criminal proceedings from pre-arrest through trial and appeal utilizing statutory law and state and constitutional precedents. 54 hours lecture.

**37015** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 03:25PM TTH IT 202

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

**Instructor:** S Williams

### ADJ-3 Concepts of Criminal Law

3 UNITS

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.

**37777** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T IT 202

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

**Instructor:** S Williams

### ADJ-4 Legal Aspects of Evidence

3 UNITS

**Prerequisite:** None

Description: Origin, development, philosophy and constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. 54 hours lecture.

**37016** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH IT 202

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

**Instructor:** S Williams

### ADJ-14 Advanced Criminal Investigation

3 UNITS

**Prerequisite:** ADJ-13 or JUS-13

Description: Advanced training and skill development in the conduct of crime scene investigation and in the recording, collection, and preservation of physical evidence. Focus in on the understanding and working knowledge of fingerprints, ballistics firearms identification, varieties of trace evidence and a basic introduction to forensic sciences. 54 hours lecture and 24 hours laboratory. (TBA Option)

**37776** Last day to add: 10/01/18

WE 08/27/18 12/14/18 06:00PM 09:10PM M IT 202

WEL 08/27/18 12/14/18 09:00AM 02:50PM S IT 202

The above section is a web-enhanced class, which has 24 hours of lab to be held on 9/15, 10/6, 11/3 and 12/1 from 9am-2:50pm. Internet access is required.

**Instructor:** 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.

**37023** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** A Gray

### 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.

**37020** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:30AM 10:40AM F HUM 111

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

**Instructor:** G Loffler

### 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.

**37022** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 02:00PM 03:25PM T HUM 111

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** C Buchanan

### 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.

**37782** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 02:00PM 03:25PM TH HUM 111

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** C Buchanan

### 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.

**37018** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM M HUM 111

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

**Instructor:** P Roberts

### 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.

**37780** Last day to add: 09/07/18

WEL 08/27/18 12/14/18 09:15AM 10:40AM MW HUM 111

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

**Instructor:** G Loffler

### 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.

**37781** Last day to add: 09/07/18

WEL 08/27/18 12/14/18 04:15PM 05:40PM MW HUM 111

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

**Instructor:** G Loffler

### 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.

**37024** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** A Gray

## 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.

**37029** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** A Gray

## 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.

**37026** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH HUM 111

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.

**37025** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 12:25PM MW HUM 111

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

**Instructor:** C Buchanan

## 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.

**37030** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM TTH HUM 111

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

**Instructor:** A Mejia

## 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.

**37027** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T HUM 111

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

**Instructor:** A Mejia

## 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.

**37028** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH HUM 111

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

**Instructor:** A Mejia

## ANT-2H Honors Cultural Anthropology

3 UNITS

**Prerequisite:** None. Limitation on enrollment: Enrollment in the Honors Program

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. This honors course offers an enriched experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher level critical thinking skills. Students may not receive credit for both ANT-2 and ANT-2H. 54 hours lecture.

**37783** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH IT 208

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

**Instructor:** C Buchanan

## ANT-5 Cultures of Ancient Mexico

3 UNITS

**Prerequisite:** None

Description: The development of civilization in ancient Mexico, integrating evidence from archaeology and the prehispanic and post-Conquest written records. Emphasizes the history, lifeways, and social and religious institutions of Mexico from the earliest cultures to the Aztec civilization, and their persistence in the modern world. 54 hours lecture.

**37784** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM W HUM 111

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

**Instructor:** C Goralski

## ANT-6 Introduction to Archaeology

3 UNITS

**Prerequisite:** None

Description: An examination of the basic concepts, methods, and findings of modern archaeology. Covers the history of archaeology, the application of archaeological methods of recovery and interpretation, and the analysis of archaeological evidence as it is used to reconstruct ancient societies and major trends in cultural evolution. 54 hours lecture.

**37032** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW HUM 111

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

**Instructor:** C Buchanan

## ANT-7 Anthropology of Religion

3 UNITS

**Prerequisite:** None

Description: Introduction to the anthropological study of religion in world cultures, using a cross-cultural approach to the analysis of beliefs, rituals, mythology, and the role of religion in society, particularly focusing on non-Western traditional societies. 54 hours lecture.

**37033** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW HUM 111

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

**Instructor:** A Gray

## ANT-8 Language and Culture

3 UNITS

**Prerequisite:** None

Description: An introduction to the anthropological study of language in world cultures. Characteristics of human verbal and non-verbal communication, language diversity and change, and the relationship of language to culture and social groups. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37034** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH HUM 111

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

**Instructor:** A Gray

## ARCHITECTURE

### ARE-24 Architectural Drafting

3 UNITS

**Prerequisite:** ENE-21 and ENE-30

Description: Introduction to methods and techniques used in the development of architectural construction documents for light frame structures (Type V construction) including construction theory, notation, materials symbols, drawing format and general practice. Using Computer-Aided Drafting (CAD), this course will focus on the drawing of a set of plans to include a plot plan, foundation plan, floor plan(s), sections, exterior and interior elevations, electrical plan and structural details. Sketching techniques will also be covered. 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37035** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 07:25PM TTH IT 127

WEL 08/27/18 12/14/18 07:35PM 09:40PM T IT 127

WEL2 08/27/18 12/14/18 06:00PM 09:10PM TH IT 127

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

**Instructor:** C Bohigian

### ARE-35 History of Architecture-Beginnings through Gothic

3 UNITS

**Prerequisite:** None

Description: An examination of Western architecture form and design from antiquity through the Gothic period. Architectural monuments of the Western world will be analyzed and interpreted in terms of religious, social, and political context. Particular emphasis is given to process and sources of design, types and purposes of buildings as well as architecture and art in the built environment by considering the source and meaning of beauty. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37846** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 09:40PM W IT 106

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

**Instructor:** P Rezaei

## ART

### ART-1 History of Western Art: Prehistoric, Ancient, and Medieval

3 UNITS

**Prerequisite:** None

Advisory: ENG-1A

Description: Survey of the history of Western art: painting, architecture, and sculpture, Prehistoric through the Medieval periods. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37790** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM W WEQW7

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

**Instructor:** C Goux

### ART-2 History of Western Art: Renaissance through Contemporary

3 UNITS

**Prerequisite:** None

Advisory: Qualification for ENG-1A

Description: Survey of the history of Western art: painting, architecture, and sculpture, from the Renaissance through contemporary art. Student may not receive credit for both ART-2 and ART-2H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37039** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM M WEQW7

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

**Instructor:** C Goux

### 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.)

**37050** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** K Skiba

### 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.)

**37051** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** K Skiba



# NORCO COLLEGE

## 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.)

**37052** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW WEQ W7

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

**Instructor:** B May

## 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.)

**37863** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T HUM 102

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

**Instructor:** J Bell

## ART-6H Honors Art Appreciation

3 UNITS

**Prerequisite:** None.

**Advisory:** ENG-1A Limitation on enrollment: Enrollment in the Honors Program

Description: An introductory course designed for the non-art major. The creative process and the diversity of styles, technique and media evident in various art forms throughout history and culture. Honors course offers an enriched experience for accelerated students through limited class size; seminar format; focus on primary texts; and application of higher level critical thinking skills. Students may not receive credit for both ART-6 and ART-6H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37789** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM MW IT 208

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

**Instructor:** D Martin

## ART-12 Asian Art History

3 UNITS

**Prerequisite:** None

Description: A survey of the history of Asian art (China, Japan, Korea, and India) from prehistoric times to the present, including the religious and philosophical influence on the development of the art forms of architecture, sculpture, ceramics, painting, and the minor arts. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37788** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 03:25PM TTH WEQ W6B

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

**Instructor:** Staff

## ART-13 Pre-Columbian Art History

3 UNITS

**Prerequisite:** None

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

Description: A survey of the visual arts of ancient Mesoamerica and the Andes from 2000 BC-AD 1521 including the Maya, the Aztecs, and the Inca. 54 hours lecture. (Letter grade, or Pass/No Pass option.)

**37787** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T STEM 201

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

**Instructor:** Staff

## 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.)

**37038** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 10:30AM F ATEC 209

WEL 08/27/18 12/14/18 10:40AM 03:55PM F ATEC 209

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

**Instructor:** C Glaze

## 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.)

**37037** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:35AM 10:25AM T ATEC 209

WE2 08/27/18 12/14/18 09:35AM 10:40AM TH ATEC 209

WEL 08/27/18 12/14/18 10:35AM 12:50PM T ATEC 209

WEL2 08/27/18 12/14/18 11:00AM 12:50PM TH ATEC 209

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

**Instructor:** Q Bemiller

## 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.)

**37036** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:10AM 12:00PM M ATEC 209

WE2 08/27/18 12/14/18 11:10AM 12:15PM W ATEC 209

WEL 08/27/18 12/14/18 12:10PM 02:25PM M ATEC 209

WEL2 08/27/18 12/14/18 12:35PM 02:25PM W ATEC 209

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

**Instructor:** M Lindeman



## ART-20 Beginning Sculpture

3 UNITS

**Prerequisite:** None

Description: An introduction to the fundamentals of sculpture design and creation. A variety of materials, such as clay, wax and plaster, will be used. Additive, subtractive and construction methods for creating the sculptural pieces will be explored, as well as other traditional and contemporary forms and techniques. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)(Materials fee: \$15.00)

**37924** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	06:50PM	M	ATEC 209
WE2	08/27/18	12/14/18	06:00PM	07:05PM	W	ATEC 209
WEL	08/27/18	12/14/18	07:00PM	09:15PM	M	ATEC 209
WEL2	08/27/18	12/14/18	07:25PM	09:15PM	W	ATEC 209

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

**Instructor:** J Bell

## ART-22 Basic Design

3 UNITS

**Prerequisite:** None

Description: An introduction to the fundamentals of two-dimensional design. The organization of visual elements according to the principles of design. Emphasis placed on visual perception, theory, dexterity, problem solving, analysis, application, skill, and presentation. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37040** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:35PM	03:25PM	M	ATEC 209
WE2	08/27/18	12/14/18	02:35PM	03:40PM	W	ATEC 209
WEL	08/27/18	12/14/18	03:35PM	05:50PM	M	ATEC 209
WEL2	08/27/18	12/14/18	04:00PM	05:50PM	W	ATEC 209

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

**Instructor:** M Lindeman

## ART-24 Three Dimensional Design

3 UNITS

**Prerequisite:** None

Description: An introduction to the fundamentals of three-dimensional design. The use of the visual elements and the practice of the principles of design as they relate to various three-dimensional art forms (i.e., sculpture, architecture and product, commercial, stage, environmental and interior design). Students pay for their own materials. 36 hours lecture and 72 hours laboratory.(Letter Grade, or Pass/No Pass option.)(Materials fee: \$15.00)

**37041** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	06:50PM	T	ATEC 209
WE2	08/27/18	12/14/18	06:00PM	07:05PM	TH	ATEC 209
WEL	08/27/18	12/14/18	07:00PM	09:15PM	T	ATEC 209
WEL2	08/27/18	12/14/18	07:25PM	09:15PM	TH	ATEC 209

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

**Instructor:** D Campuzano

## ART-26 Beginning Painting

3 UNITS

**Prerequisite:** ART-17

Description: An introduction to the fundamentals of painting (oil or acrylic). An exploration of various considerations in painting; techniques, process, color theory, visual perception, composition, and creative skills. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37043** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	02:50PM	T	ATEC 209
WE2	08/27/18	12/14/18	02:00PM	03:05PM	TH	ATEC 209
WEL	08/27/18	12/14/18	03:00PM	05:15PM	T	ATEC 209
WEL2	08/27/18	12/14/18	03:25PM	05:15PM	TH	ATEC 209

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

**Instructor:** M Lindeman

## ART-27 Intermediate Painting

3 UNITS

**Prerequisite:** ART-23 or ART-26

Description: Intermediate level of painting (oil or acrylic). Continued exploration of various techniques and the application of color theory. Development of visual, compositional, and creative skills. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37044** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	02:50PM	T	ATEC 209
WE2	08/27/18	12/14/18	02:00PM	03:05PM	TH	ATEC 209
WEL	08/27/18	12/14/18	03:00PM	05:15PM	T	ATEC 209
WEL2	08/27/18	12/14/18	03:25PM	05:15PM	TH	ATEC 209

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

**Instructor:** M Lindeman

## ART-36A Computer Art-Introduction

3 UNITS

**Prerequisite:** None

Description: Introduction to creating fine art and design using digital media. The exploration of the visual characteristics of electronic imagery with emphasis on the essentials of fine art, design, and creative problem solving. Artwork will be developed using the computer, related software, and/or other electronic equipment. Students pay for their own materials. 36 hours of lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37889** Last day to add: 09/07/18

WE	08/27/18	12/14/18	07:45AM	08:35AM	M	ATEC 109
WE2	08/27/18	12/14/18	07:45AM	08:50AM	W	ATEC 109
WEL	08/27/18	12/14/18	08:45AM	11:00AM	M	ATEC 109
WEL2	08/27/18	12/14/18	09:00AM	10:50AM	W	ATEC 109

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

**Instructor:** B May

## ART-40A Figure Drawing-Introduction

3 UNITS

**Prerequisite:** ART-17

Description: Introduction to drawing the human figure. Students will draw from a nude model using a variety of media. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option).

**37047** Last day to add: 09/07/18

WE	08/27/18	12/14/18	07:45AM	08:35AM	M	ATEC 209
WE2	08/27/18	12/14/18	07:45AM	08:50AM	W	ATEC 209
WEL	08/27/18	12/14/18	08:45AM	11:00AM	M	ATEC 209
WEL2	08/27/18	12/14/18	09:10AM	11:00AM	W	ATEC 209

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

**Instructor:** Q Bemiller

## ART-40B Figure Drawing-Intermediate

3 UNITS

**Prerequisite:** ART-40A

Description: Intermediate level of drawing the human figure where emphasis will be on more developed and accurate figurative work, anatomy, improved composition, and further creative exploration. Students will draw from a nude model using a variety of media. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option).

**37785** Last day to add: 09/07/18

WE	08/27/18	12/14/18	07:45AM	08:35AM	M	ATEC 209
WE2	08/27/18	12/14/18	07:45AM	08:50AM	W	ATEC 209
WEL	08/27/18	12/14/18	08:45AM	11:00AM	M	ATEC 209
WEL2	08/27/18	12/14/18	09:10AM	11:00AM	W	ATEC 209

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)

**37055** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:00AM	09:25AM	TTH	IT 101
WEL	08/27/18	12/14/18	09:40AM	12:50PM	TH	IT 128

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

**Instructor:** M Gutierrez

### 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)

**37058** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:00AM	09:25AM	TTH	IT 101
WEL	08/27/18	12/14/18	09:40AM	12:50PM	T	IT 128

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

**Instructor:** M Gutierrez

### 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)

**37056** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:15AM	12:40PM	TTH	THTR 101
WEL	08/27/18	12/14/18	02:00PM	05:10PM	T	IT 128

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

**Instructor:** Staff

### 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)

**37059** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:15AM	12:40PM	TTH	THTR 101
WEL	08/27/18	12/14/18	02:00PM	05:10PM	TH	IT 128

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

**Instructor:** Staff

### 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)

**37063** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:30PM	03:55PM	MW	ATEC 114
WEL	08/27/18	12/14/18	06:00PM	09:10PM	W	IT 128

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

**Instructor:** F Almasarweh

## 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)

**37812** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:30PM	03:55PM	MW	ATEC 114
WEL	08/27/18	12/14/18	06:00PM	09:10PM	M	IT 128

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

**Instructor:** F Almasarweh

## 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)

**37061** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	05:40PM	MW	IT 101
WEL	08/27/18	12/14/18	01:00PM	04:10PM	M	IT 128

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

**Instructor:** T Friedrich Finner

## 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)

**37062** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	05:40PM	MW	IT 101
WEL	08/27/18	12/14/18	01:00PM	04:10PM	W	IT 128

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

**Instructor:** T Friedrich Finner

## 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)

**37057** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	07:25PM	MW	STEM 201
WEL	08/27/18	12/14/18	06:00PM	09:10PM	T	IT 128

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

**Instructor:** J Drainville

## 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)

**37060** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	07:25PM	MW	STEM 201
WEL	08/27/18	12/14/18	06:00PM	09:10PM	TH	IT 128

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

**Instructor:** J Drainville

## BIO-8 Principles of Ecology

4 UNITS

**Prerequisite:** None.

Description: Ecology is the study of the interactions between organisms and their environment. Basic principles include evolution and natural selection, climate and other abiotic factors, population growth and genetics, community interactions, species diversity, biogeography, and biome recognition. Human impacts on the above will also be discussed. This course requires field trips. 54 hours lecture and 54 hours laboratory.

**37803** Last day to add: 09/07/18

WE	08/27/18	12/14/18	09:15AM	10:40AM	MW	IT 128
WEL	08/27/18	12/14/18	11:00AM	12:25PM	MW	IT 128

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

**Instructor:** T Friedrich Finner

## 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.

**37809** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:00AM	09:25AM	TTH	ATEC 210
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Julius

## BIO-19 Environmental Science (formerly Bio-36)

3 UNITS

**Prerequisite:** None

Description: A study of humans in relation to the environment that emphasizes population ecology, nutrient cycles and energy flow, pollution, food production, and conservation of natural resources. 54 hours lecture.

**37804** Last day to add: 09/07/18

WE	08/27/18	12/14/18	09:40AM	11:05AM	TTH	ATEC 114
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** C Wilson

## 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.

**37793 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 04:15PM 05:40PM MW STEM 201

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.

**37794 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 11:30AM 12:20PM T IT 101

WE2 08/27/18 12/14/18 11:30AM 12:35PM TH IT 101

WEL 08/27/18 12/14/18 09:15AM 12:25PM MW ST 207

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

**Instructor:** I McGuire

## 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.

**37795 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 11:30AM 12:20PM T IT 101

WE2 08/27/18 12/14/18 11:30AM 12:35PM TH IT 101

WEL 08/27/18 12/14/18 08:00AM 11:10AM TTH ST 207

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

**Instructor:** I McGuire

## 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.

**37815 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 01:30PM 02:20PM M ST 207

WE2 08/27/18 12/14/18 02:45PM 05:55PM MW ST 207

WEL 08/27/18 12/14/18 01:30PM 02:35PM W ST 207

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

**Instructor:** Staff

## 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.

**37810 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 04:15PM 05:05PM M ATEC 114

LEC2 08/27/18 12/14/18 04:15PM 05:20PM W ATEC 114

LAB 08/27/18 12/14/18 12:45PM 03:55PM MW ST 211

**Instructor:** C Sternburg

## 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.

**37811 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 04:15PM 05:05PM M ATEC 114

LEC2 08/27/18 12/14/18 04:15PM 05:20PM W ATEC 114

LAB 08/27/18 12/14/18 06:00PM 09:10PM MW ST 211

**Instructor:** C Sternburg



## 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.

**37813** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	02:00PM	03:05PM	T	ST 211
LEC2	08/27/18	12/14/18	02:00PM	02:50PM	TH	ST 211
LAB	08/27/18	12/14/18	09:30AM	12:40PM	TTH	ST 211

**Instructor:** C Sternburg

## 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.

**37814** Last day to add: 09/07/18

WE	08/27/18	12/14/18	05:15PM	06:05PM	T	ST 207
WE2	08/27/18	12/14/18	05:15PM	06:20PM	TH	ST 207
WEL	08/27/18	12/14/18	06:30PM	09:40PM	TTH	ST 207

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

**Instructor:** A Hoffman

## 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.

**37798** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:30AM	09:55AM	MW	ST 211
WEL	08/27/18	12/14/18	10:10AM	01:20PM	M	ST 203

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

**Instructor:** M Gutierrez

## 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.

**37799** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:30AM	09:55AM	MW	ST 211
WEL	08/27/18	12/14/18	10:10AM	01:20PM	W	ST 203

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

**Instructor:** M Gutierrez

## 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.

**37796** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	07:25PM	MW	IT 117
WEL	08/27/18	12/14/18	07:35PM	09:00PM	MW	ST 203

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

**Instructor:** B Moore

## 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.

**37797** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	07:25PM	MW	IT 117
WEL	08/27/18	12/14/18	04:15PM	05:40PM	MW	ST 203

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

**Instructor:** B Moore

## BIO-60 Introduction to Molecular and Cellular Biology (formerly Bio-11) 5 UNITS

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

Advisory: MAT-35, ENG-50, ENG-80 or qualifying placement level

Description: An intensive course for all Life Science majors designed to prepare the student for upper division courses in molecular biology, cell biology, developmental biology, evolution, and genetics. Course material includes principles of biochemistry, prokaryotic and eukaryotic cell structure and function, metabolism including photosynthesis and respiration, cell division and its control, classical and molecular genetics, signal transduction, early animal development, evolution and the diversity of life at the cellular level. 72 hours lecture and 54 hours laboratory.

**37808** Last day to add: 09/07/18

WE	08/27/18	12/14/18	10:30AM	12:35PM	TTH	ST 203
WEL	08/27/18	12/14/18	02:00PM	05:10PM	TH	ST 203

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

**Instructor:** B Moore

## BIO-61 Introduction to Organismal and Population Biology (formerly Bio-12) 5 UNITS

**Prerequisite:** BIO-60 or BIO-60H

Description: An intensive course designed for all Life Science majors to prepare the student for upper division courses in organismal and population biology. Course materials include plant structure and function, animal systems and behavior, ecological diversity and dynamics, and evolutionary theory, including population genetics. This course along with Biology 11 is intended to fulfill a year of transferable lower division general biology. Some field trips are required. 72 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37806** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:30PM	03:45PM	MWF	IT 211
WEL	08/27/18	12/14/18	10:15AM	01:25PM	F	IT 128

**Instructor:** J Drainville

## BUSINESS ADMINISTRATION

### BUS-3 Computer Applications for Business 3 UNITS

**Prerequisite:** None

Description: This course introduces a suite of computer applications to students preparing to enter business, and office professions. Individuals who are already established in these professions may also benefit from skills emphasized which include: use of basic operating system functions, file management, word processing, spreadsheets, database management, and presentation graphics. 54 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)

**37087** Last day to add: 09/04/18

HYB	08/27/18	10/21/18	08:00AM	02:30PM	F	ATEC 118
HYBO	08/27/18	10/21/18				ON LINE
HYBLO	08/27/18	10/21/18				ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Designated laboratory hours are to be completed online. Please note the start and end dates.

**Instructor:** C McConnell-Freeman

### 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)

**37070** Last day to add: 09/07/18

OL	08/27/18	12/14/18				ON LINE
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The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** G Zwart

### 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)

**37071** Last day to add: 10/30/18

OL	10/22/18	12/14/18				ON LINE
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The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** G Zwart

### 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)

**37066** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:45AM	10:10AM	MW	STEM 302
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** A Martin

### 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)

**37067** Last day to add: 09/07/18

WE	08/27/18	12/14/18	09:40AM	11:05AM	TTH	ATEC 210
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** L White

### 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)

**37069** Last day to add: 09/07/18

WE	08/27/18	12/14/18	12:45PM	02:10PM	MW	ATEC 114
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** M Snow

### 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)

**37957** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	02:45PM	04:10PM	TTH	
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The above section is restricted to La Sierra High School students only.

**Instructor:** L White

## 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)

**37072** Last day to add: 10/26/18

HYB 10/22/18 12/14/18 06:00PM 09:10PM M

HYBO 10/22/18 12/14/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** D Dokter

## 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)

**37068** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 06:30PM 08:05PM W JFK 117

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** E Davalos

## BUS-12 Opportunity Analysis for Entrepreneurs 2 UNITS

**Prerequisite:** None

Description: This course examines the entrepreneur's role in the global economy as an exploiter of opportunities. Topics include the creative search for ideas, the innovation process, and the opportunity analysis to screen for the best ideas. Learning activities cover the decisions needed to transform an idea into a business opportunity. 36 hours lecture.

**37073** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 08:35PM T IT 111

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

**Instructor:** A Martin

## BUS-13 Developing a Successful Business Plan/Model 2 UNITS

**Prerequisite:** None

Description: This course provides a systematic process for developing a business plan or model. It establishes a clear road map for clarifying a vision for a business and the strategic, tactical, and operational plans and/or model to move ideas into action. Students further along in the planning and research process will work through the major components of writing a business plan and/or model and emerge with a completed draft of a business plan/model. 36 hours lecture.

**37074** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 08:35PM TH JFK 118

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

**Instructor:** L White

## BUS-18A Business Law I

3 UNITS

**Prerequisite:** None

Description: The social and practical basis of the law. Covers the legal and ethical environment of business, contracts, agency and employment, and the law of sales. 54 hours lecture.

**37075** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** T Wagner

## BUS-18A Business Law I

3 UNITS

**Prerequisite:** None

Description: The social and practical basis of the law. Covers the legal and ethical environment of business, contracts, agency and employment, and the law of sales. 54 hours lecture.

**37078** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** T Wagner

## BUS-18A Business Law I

3 UNITS

**Prerequisite:** None

Description: The social and practical basis of the law. Covers the legal and ethical environment of business, contracts, agency and employment, and the law of sales. 54 hours lecture.

**37077** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 09:40PM M IT 208

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

**Instructor:** J James

## BUS-18A Business Law I

3 UNITS

**Prerequisite:** None

Description: The social and practical basis of the law. Covers the legal and ethical environment of business, contracts, agency and employment, and the law of sales. 54 hours lecture.

**37076** Last day to add: 09/01/18

HYB 08/28/18 10/16/18 06:30PM 09:40PM T JFK 102

HYBO 08/28/18 10/16/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** T Wagner

## BUS-18B Business Law II

3 UNITS

**Prerequisite:** None

Description: Commercial paper, secured transactions, bankruptcy, agency and employment, business organizations, governmental regulations, international law, real and personal property and trusts and estates. 54 hours lecture.

**37080** Last day to add: 10/27/18

HYB 10/23/18 12/11/18 06:30PM 09:40PM T JFK 102

HYBO 10/23/18 12/11/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** T Wagner

## 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.

**37081** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** P Worsham

## 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.

**37083** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** P Worsham

## 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.

**37082** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 06:00PM 07:25PM TH IT 109

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** E Davalos

## BUS-22 Management Communications

3 UNITS

**Prerequisite:** None

Advisory: CAT-30

Description: Examines the dynamics of organizational communication including a cross cultural emphasis. Practical experience is attained in verbal, non-verbal and interpersonal communication. Includes business report writing, letter writing and resume writing. 54 hours lecture.

**37084** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** V Mixson

## BUS-22 Management Communications

3 UNITS

**Prerequisite:** None

Advisory: CAT-30

Description: Examines the dynamics of organizational communication including a cross cultural emphasis. Practical experience is attained in verbal, non-verbal and interpersonal communication. Includes business report writing, letter writing and resume writing. 54 hours lecture.

**37085** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 12:25PM MW IT 106

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

**Instructor:** M Snow

## BUS-22 Management Communications

3 UNITS

**Prerequisite:** None

Advisory: CAT-30

Description: Examines the dynamics of organizational communication including a cross cultural emphasis. Practical experience is attained in verbal, non-verbal and interpersonal communication. Includes business report writing, letter writing and resume writing. 54 hours lecture.

**37956** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:00PM 04:25PM MW ERHS B106

The above section is restricted to Eleanor Roosevelt High School students only.

**Instructor:** J Holmes

## BUS-24 Business Communication

3 UNITS

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

Description: Applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing and revising business documents using word processing software for written documents and presentation graphics software to create and deliver professional-level oral reports. Course is designed for students who have college-level writing skills. 54 hours lecture.

**37086** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH IT 127

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

**Instructor:** E Doucette



## BUS-30 Entrepreneurship: Foundations and Fundamentals 3 UNITS

**Prerequisite:** None

Description: An introductory course designed to explore, identify and evaluate business opportunities with an emphasis on starting and managing a small or existing business: investigating tools and best practices associated with identifying and creating new venture opportunities; explore ways to shape and evaluate the viability of opportunities; understanding key industry factors, market, competitive factors, and customer needs.

**37088** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** A Martin

## 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)

**37090** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** E Doucette

## 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)

**37089** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 09:40PM TH WEQ W7

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

**Instructor:** A Riker

## BUS-80 Principles of Logistics 3 UNITS

**Prerequisite:** None

Description: An introduction to the management of business logistics functions including purchasing, inventory management, transportation, warehousing and their related technologies. Focus is on integration of logistics functions to improve overall supply chain customer service and cost performance. 54 hours lecture.

**37092** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** R Beck

## BUS-80 Principles of Logistics 3 UNITS

**Prerequisite:** None

Description: An introduction to the management of business logistics functions including purchasing, inventory management, transportation, warehousing and their related technologies. Focus is on integration of logistics functions to improve overall supply chain customer service and cost performance. 54 hours lecture.

**37091** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 06:00PM 07:25PM T IT 109

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** R Beck

## BUS-82 Freight Claims 1.50 UNITS

**Prerequisite:** None

Description: A study of loss avoidance and mitigation in transit and of the preparation, filing, and resolution. 27 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37093** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** C Pentis

## BUS-83 Contracts 1.50 UNITS

**Prerequisite:** None

Description: A study of the legal and regulatory requirements applicable to contracts for product transportation and logistics functions and considerations for drafting and negotiating contracts with freight carriers, warehouses and other logistics service providers. 27 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37094** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** C Pentis

## BUS-86 Transportation and Traffic Management 3 UNITS

**Prerequisite:** None

Description: A study of the freight transportation system including the demand for freight movement, laws, regulations, pricing, and policies, traffic management and international transportation issues. Focuses on how transportation collaborates with other supply chain functions to optimize cost and customer service. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37791** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** C Pentis

## 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.)

**37095** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** R Beck

## BUS-90 International Logistics 3 UNITS

**Prerequisite:** None

Description: An introduction to the role of logistics in global business; including the economic and service characteristics of international transportation providers, the government's role, documentation and terms of sale used in global business, and the fundamentals of effective export and import management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37096** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** R Beck

## COMPUTER APPLICATIONS/OFFICE

### CAT-3 Computer Applications for Business 3 UNITS

**Prerequisite:** None

Description: This course introduces a suite of computer applications to students preparing to enter business, and office professions. Individuals who are already established in these professions may also benefit from skills emphasized which include: use of basic operating system functions, file management, word processing, spreadsheets, database management, and presentation graphics. 54 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)

**37097** Last day to add: 09/04/18

HYB 08/27/18 10/21/18 08:00AM 02:30PM F ATEC 118

HYBO 08/27/18 10/21/18 ON LINE

HYBLO 08/27/18 10/21/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Designated laboratory hours are to be completed online. Please note the start and end dates.

**Instructor:** C McConnell-Freeman

### CAT-80 Word Processing: Microsoft Word for Windows 3 UNITS

**Prerequisite:** None

Advisory: Typing knowledge/skills with at least 40 wpm

Description: This course provides introductory, intermediate, and advanced skill levels necessary to produce a variety of professional documents using Microsoft Word word processing program. Students will develop skills in word processing techniques and tasks. 54 hours lecture and 18 hours laboratory. (TBA Option)

**37098** Last day to add: 10/30/18

HYB 10/22/18 12/14/18 08:30AM 03:00PM F ATEC 118

HYBO 10/22/18 12/14/18 ON LINE

HYBLO 10/22/18 12/14/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Designated laboratory hours are to be completed online. Please note the start and end dates.

**Instructor:** C McConnell-Freeman

### CAT-80 Word Processing: Microsoft Word for Windows 3 UNITS

**Prerequisite:** None

Advisory: Typing knowledge/skills with at least 40 wpm

Description: This course provides introductory, intermediate, and advanced skill levels necessary to produce a variety of professional documents using Microsoft Word word processing program. Students will develop skills in word processing techniques and tasks. 54 hours lecture and 18 hours laboratory. (TBA Option)

**37880** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 11:00AM 12:25PM TTH STEM 125

HYBO 08/27/18 12/14/18 ON LINE

HYBLO 08/27/18 12/14/18 ON LINE

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:** D Friedman

### CAT-93 Computers for Beginners 3 UNITS

**Prerequisite:** None

Description: This course is designed as a practical step-by-step introduction to computer literacy topics including computer hardware and software, application skills, the Internet and Internet searching, Web page creation and computer ethics. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

**37099** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:00AM 12:35PM F CACT 2

WEL 08/27/18 12/14/18 12:45PM 01:50PM F CACT 2

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:** G Reotutar

## CAT-98A Introduction to Excel

1.50 UNITS

**Prerequisite:** None.

Description: Skill development in electronic spreadsheets using Excel for business and scientific related applications. 27 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)

**37100** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

OLL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). All hours, including the 18-hour laboratory requirement, will be completed online. Please note the start and end dates.

**Instructor:** B Fuller

## CHEMISTRY

### CHE-1A General Chemistry, I

5 UNITS

**Prerequisite:** CHE-2A or CHE-3 and MAT-35

Description: The student will explore simple chemical systems, their properties and how they can be investigated and understood in terms of stoichiometry, gas laws, elementary thermodynamics, atomic structure and bonding. Laboratory techniques in the investigation of chemical systems. Students may not receive credit for both CHE-1A and CHE-1AH. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37103** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 09:25AM TTH IT 117

WEL 08/27/18 12/14/18 09:15AM 12:25PM MW HUM 208

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

**Instructor:** A Efron

### CHE-1A General Chemistry, I

5 UNITS

**Prerequisite:** CHE-2A or CHE-3 and MAT-35

Description: The student will explore simple chemical systems, their properties and how they can be investigated and understood in terms of stoichiometry, gas laws, elementary thermodynamics, atomic structure and bonding. Laboratory techniques in the investigation of chemical systems. Students may not receive credit for both CHE-1A and CHE-1AH. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37102** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 03:25PM TTH ATEC 205

WEL 08/27/18 12/14/18 02:00PM 05:10PM MW HUM 208

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

**Instructor:** Z Zhu

### CHE-1A General Chemistry, I

5 UNITS

**Prerequisite:** CHE-2A or CHE-3 and MAT-35

Description: The student will explore simple chemical systems, their properties and how they can be investigated and understood in terms of stoichiometry, gas laws, elementary thermodynamics, atomic structure and bonding. Laboratory techniques in the investigation of chemical systems. Students may not receive credit for both CHE-1A and CHE-1AH. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37104** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 07:25PM TTH ST 211

WEL 08/27/18 12/14/18 06:00PM 09:10PM MW HUM 208

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

**Instructor:** C Lugo

### CHE-1B General Chemistry, II

5 UNITS

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

Description: Continued exploration of the principles of chemistry with emphasis on kinetics, thermodynamics, acid-base theory, equilibrium and electrochemistry. Special topics from descriptive inorganic chemistry, nuclear chemistry and introductory organic chemistry. Laboratory techniques in the investigation of chemical systems. Students may not receive credit for both CHE-1B and CHE-1BH. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37105** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH IT 117

WEL 08/27/18 12/14/18 02:00PM 05:10PM TTH HUM 208

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

**Instructor:** J Tyler

### CHE-1B General Chemistry, II

5 UNITS

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

Description: Continued exploration of the principles of chemistry with emphasis on kinetics, thermodynamics, acid-base theory, equilibrium and electrochemistry. Special topics from descriptive inorganic chemistry, nuclear chemistry and introductory organic chemistry. Laboratory techniques in the investigation of chemical systems. Students may not receive credit for both CHE-1B and CHE-1BH. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37106** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 07:55PM MW ATEC 114

WEL 08/27/18 12/14/18 06:30PM 09:40PM TTH HUM 208

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

**Instructor:** W Cui

## 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.)

**37111** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:00AM	12:25PM	MW	IT 117
WEL	08/27/18	12/14/18	09:15AM	12:25PM	F	HUM 204

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

**Instructor:** V Lee

## 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.)

**37112** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:00AM	12:25PM	MW	IT 117
WEL	08/27/18	12/14/18	01:30PM	04:40PM	F	HUM 204

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

**Instructor:** V Lee

## 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.)

**37108** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:15AM	12:40PM	TTH	ATEC 114
WEL	08/27/18	12/14/18	02:00PM	05:10PM	TH	HUM 204

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

**Instructor:** A Duggal

## 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.)

**37115** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:15AM	12:40PM	TTH	ATEC 114
WEL	08/27/18	12/14/18	02:00PM	05:10PM	T	HUM 204

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

**Instructor:** A Duggal

## 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.)

**37113** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:30PM	03:55PM	TTH	ATEC 114
WEL	08/27/18	12/14/18	09:15AM	12:25PM	T	HUM 204

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

**Instructor:** S Tyler

## 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.)

**37114** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:30PM	03:55PM	TTH	ATEC 114
WEL	08/27/18	12/14/18	09:15AM	12:25PM	TH	HUM 204

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

**Instructor:** S Tyler

## 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.)

**37109** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	05:40PM	TTH	ATEC 114
WEL	08/27/18	12/14/18	09:15AM	12:25PM	W	HUM 204

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

**Instructor:** Staff

## 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.)

**37110** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	05:40PM	TTH	ATEC 114
WEL	08/27/18	12/14/18	02:00PM	05:10PM	W	HUM 204

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

**Instructor:** Staff



## 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.)

**37107** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T IT 117

WEL 08/27/18 12/14/18 06:00PM 09:10PM TH HUM 204

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

**Instructor:** P Kimbrough

## 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.)

**37807** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T IT 117

WEL 08/27/18 12/14/18 06:00PM 09:10PM W HUM 204

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

**Instructor:** P Kimbrough

## CHE-12A Organic Chemistry I

5 UNITS

**Prerequisite:** CHE-1B or CHE-1BH

Description: A discussion of aliphatic hydrocarbons that focuses on their structure, reactivity, methods of synthesis, physical properties, and reaction mechanisms. Laboratory work emphasizes techniques used to identify, separate, and purify substances. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37101** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 03:25PM TTH IT 208

WEL 08/27/18 12/14/18 09:30AM 12:40PM TTH HUM 208

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

**Instructor:** V Lee

## CHE-12B Organic Chemistry, II

5 UNITS

**Prerequisite:** CHE-12A

Description: Continues discussion based on the content of CHE12A. Develops a detailed study of nucleophilic and elimination reactions from a mechanistic viewpoint. Aliphatic and aromatic chemistry will be fully integrated throughout CHE-12B. Considerable emphasis on synthesis. Laboratory includes techniques of syntheses, separation, and identification of several compounds, and an introduction to qualitative organic analysis. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37802** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW IT 208

WEL 08/27/18 12/14/18 09:00AM 12:10PM F HUM 208

WEL2 08/27/18 12/14/18 01:00PM 04:10PM F HUM 208

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

**Instructor:** S Tyler

## 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.

**37124** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

OLL 08/27/18 12/14/18 ON LINE

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 Brotherton

### 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.

**37125** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

OLL 08/27/18 12/14/18 ON LINE

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 Brotherton

### 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.

**37126** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

OLL 08/27/18 12/14/18 ON LINE

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 Brotherton

## 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.

**37127** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

OLL 08/27/18 12/14/18 ON LINE

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:** B Fuller

## 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.

**37122** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 09:25AM MW ATEC 118

WEL 08/27/18 12/14/18 09:35AM 10:25AM W ATEC 118

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-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.

**37871** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:30AM 09:55AM TTH IT 127

WEL 08/27/18 12/14/18 10:05AM 10:55AM T IT 127

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:** B Fuller

## 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.

**37123** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:40PM 04:05PM TTH ATEC 118

WEL 08/27/18 12/14/18 04:10PM 05:00PM TH ATEC 118

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-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.

**37121** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 04:15PM 05:40PM MW ATEC 118

HYBO 08/27/18 12/14/18 ON LINE

HYBLO 08/27/18 12/14/18 ON LINE

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:** M Chapman

## 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.

**37120** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 06:00PM 09:10PM M ATEC 118

HYBO 08/27/18 12/14/18 ON LINE

HYBLO 08/27/18 12/14/18 ON LINE

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:** M Chapman

## CIS-2 Fundamentals of Systems Analysis

3 UNITS

**Prerequisite:** None

Description: The course presents a systematic methodology for analyzing a business problem or opportunity, determining what role, if any, computer-based technologies can play in addressing the business need, articulating business requirements for the technology solution, specifying alternative approaches to acquiring the technology capabilities needed to address the business requirements, and specifying the requirements for the information systems solution in particular, in-house development, development from third-party providers, or purchased commercial-off-the-shelf packages. 54 hours lecture and 18 hours laboratory.(TBA option) (Letter Grade, or Pass/No Pass option.)

**37128** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM W STEM 115

WEL 08/27/18 12/14/18 09:10PM 10:00PM W STEM 115

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:** W Ibekwe

## CIS-3 Computer Applications for Business 3 UNITS

**Prerequisite:** None.

Description: Introductory to intermediate concepts covering Windows operating system, file management, and various aspects of typical office applications for business and office professionals. (Same as BUS/CAT-3)

**37130** Last day to add: 09/04/18

HYB	08/27/18	10/21/18	08:00AM	02:30PM	F	ATEC 118
HYBO	08/27/18	10/21/18				ON LINE
HYBLO	08/27/18	10/21/18				ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Designated laboratory hours are to be completed online. Please note the start and end dates.

**Instructor:** C McConnell-Freeman

## 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.

**37131** Last day to add: 09/07/18

HYBO	08/27/18	12/14/18				ON LINE
HYBL	08/27/18	12/14/18	09:35AM	12:45PM	M	STEM 115

The above section is a hybrid class and has an 54-hour lecture to be completed online.

Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** J Perry

## 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.

**37133** Last day to add: 09/07/18

OL	08/27/18	12/14/18				ON LINE
OLL	08/27/18	12/14/18				ON LINE

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

## 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.

**37134** Last day to add: 09/07/18

OL	08/27/18	12/14/18				ON LINE
OLL	08/27/18	12/14/18				ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). All hours, including the 54-hour laboratory requirement, are completed online.

**Instructor:** Staff

## 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.

**37132** Last day to add: 09/07/18

WE	08/27/18	12/14/18	12:45PM	03:55PM	MW	ATEC 118
WEL	08/27/18	12/14/18	12:45PM	03:55PM	MW	ATEC 118

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

**Instructor:** A Rainey

## 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.

**37872** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	09:10PM	T	STEM 115
WEL	08/27/18	12/14/18	06:00PM	09:10PM	TH	STEM 115

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:** C Andersen

## CIS-7 Discrete Structures 3 UNITS

**Prerequisite:** CIS/CSC-5

Description: This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: Functions, Relations and Set; Basic Logic; Proof Techniques; Basics of Counting; Graphs and Trees; and Discrete Probability. 54 hours lecture and 18 hours laboratory(TBA option).

**37136** Last day to add: 09/07/18

WE	08/27/18	12/14/18	05:50PM	09:00PM	W	ATEC 118
WEL	08/27/18	12/14/18	09:05PM	09:55PM	W	ATEC 118

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 Wilson

## CIS-12 PHP Dynamic Web Site Programming 3 UNITS

**Prerequisite:** None

**Advisory:** CIS/CSC-5 and CIS-72A and CIS/CSC-14A

Description: Dynamic web site programming using PHP. Fundamentals of server-side web programming. Introduction to database-driven web sites, using PHP to access a database such as MySQL. Web applications such as user registration, content management, and e-commerce. This course is intended for students already familiar with the fundamentals of programming and HTML. 54 hours lecture and 18 hours laboratory. (TBA Lab)(Letter Grade, or Pass/No Pass option.)

**37869** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:00AM	12:25PM	MW	STEM 125
WEL	08/27/18	12/14/18	12:35PM	01:25PM	W	STEM 125

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:** Staff

## CIS-17A Programming Concepts and Methodology II: C++ 3 UNITS

**Prerequisite:** CIS/CSC-5

Description: The application of software engineering techniques to the design and development of large programs; data abstraction, structures, and associated algorithms. A comprehensive study of the syntax and semantics of the C++ language and the methodology of Object-Oriented program development. 54 hours lecture and 18 hours laboratory. (TBA option)

**37116** Last day to add: 09/07/18

WE	08/27/18	12/14/18	10:35AM	12:30PM	M	ATEC 118
WE2	08/27/18	12/14/18	10:35AM	11:25AM	W	ATEC 118
WEL	08/27/18	12/14/18	11:30AM	12:20PM	W	ATEC 118

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:** A Rainey

## CIS-17B C++ Programming: Advanced Objects 3 UNITS

**Prerequisite:** None

**Advisory:** CIS/CSC-17A

Description: This is an advanced C++ programming course for students familiar with object-oriented programming and utilization of basic graphical interface techniques. An emphasis will be placed on advanced concepts associated with complex business and gaming applications that utilize exception handling, multithreading, multimedia, and database connectivity. 54 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37117** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	06:00PM	09:10PM	M	STEM 115
HYBO	08/27/18	12/14/18				ON LINE
HYBLO	08/27/18	12/14/18				ON LINE

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 Ruiz

## CIS-18A Java Programming: Objects 3 UNITS

**Prerequisite:** None

**Advisory:** CIS/CSC-5

Description: An introduction to Java programming for students already experienced in the fundamentals of programming. An emphasis will be placed upon object-oriented programming. Other topics include graphical interface design and typical swing GUI components. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

**37118** Last day to add: 09/07/18

WE	08/27/18	12/14/18	05:30PM	08:40PM	TH	ATEC 118
WEL	08/27/18	12/14/18	08:50PM	09:40PM	TH	ATEC 118

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 Oconnor

## CIS-18C Java Programming: Data Structures 3 UNITS

**Prerequisite:** None

**Advisory:** CIS/CSC-18A

Description: This course is designed to be an advanced Java programming course for students familiar with object-oriented programming and database concepts. The major emphasis will be related to concepts of storing and retrieving data efficiently, which are the essential principles, and practices of data structures. 54 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)

**37870** Last day to add: 09/07/18

WE	08/27/18	12/14/18	05:30PM	08:40PM	T	ATEC 118
WEL	08/27/18	12/14/18	08:50PM	09:40PM	T	ATEC 118

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 Oconnor



## CIS-21 Introduction to Operating Systems 3 UNITS

**Prerequisite:** CIS-1A

Description: An introduction to operating system concepts, structure, functions, performance, and management is covered. A current operating system, such as Windows, Linux, or UNIX is used as a case study. File multi-processing, system security, device management, network operating systems, and utilities are introduced. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

**37129** Last day to add: 09/07/18

OL	08/27/18	12/14/18				ON LINE
OLL	08/27/18	12/14/18				ON LINE

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:** W Ibekwe

## CIS-59 Typography and Graphic Design 3 UNITS

**Prerequisite:** None

Description: This course is a study of the fundamentals of typography including type anatomy, design, hierarchy, and aesthetic expression. Emphasis is placed on the process of design development from roughs to comprehensives, layout, and the use of type for effective communication. Industry standard software is used in the development of typographic and graphic design solutions appropriate for print, web and other media. 36 hours lecture and 72 hours laboratory.

**37873** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	06:50PM	MW	IT 127
WEL	08/27/18	12/14/18	07:00PM	09:05PM	MW	IT 127

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:** Staff

## CIS-66 Web Development I 3 UNITS

**Prerequisite:** None.

Description: An introduction to the web technologies and languages. This course provides in-depth understanding of the roles of markup and scripting languages to display text and multimedia content for basic web pages.

**37135** Last day to add: 09/07/18

WE	09/01/18	12/08/18	08:30AM	12:05PM	S	ATEC 118
WEL	09/01/18	12/08/18	12:15PM	01:20PM	S	ATEC 118

The above section is a short term web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class. Please note the start and end dates.

**Instructor:** W Manges

## CIS-78A Intro Adobe Photoshop 3 UNITS

**Prerequisite:** None

Description: Introduction to Adobe Photoshop including selections, layers, masks, channels and vector art for manipulating images. (Same as CAT-78A)

**37137** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	08:00AM	09:25AM	TTH	ATEC 118
HYBO	08/27/18	12/14/18				ON LINE
HYBLO	08/27/18	12/14/18				ON LINE

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:** C Brotherton

## CIS-80 Word Processing: Microsoft Word for Windows 3 UNITS

**Prerequisite:** None

Advisory: Typing knowledge/skills with at least 40 wpm

Description: This course is designed to provide introductory, intermediate, and advanced skill levels necessary to produce a variety of professional documents using Microsoft Word word processing program. Students will develop skills in word processing techniques and tasks. 54 hours lecture and 18 hours laboratory.

**37139** Last day to add: 10/30/18

HYB	10/22/18	12/14/18	08:30AM	03:00PM	F	STEM 115
HYBO	10/22/18	12/14/18				ON LINE
HYBLO	10/22/18	12/14/18				ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Designated laboratory hours are to be completed online. Please note the start and end dates.

**Instructor:** C McConnell-Freeman

## CIS-81 Intro Adobe InDesign 3 UNITS

**Prerequisite:** None

Description: Page design and layout techniques using Adobe InDesign. (Same as CAT-81)

**37879** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	09:35AM	11:00AM	TTH	ATEC 118
HYBO	08/27/18	12/14/18				ON LINE
HYBLO	08/27/18	12/14/18				ON LINE

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:** C Brotherton

## CIS-81 Intro Adobe InDesign 3 UNITS

**Prerequisite:** None

Description: Page design and layout techniques using Adobe InDesign. (Same as CAT-81)

**37940** Last day to add: 09/07/18

WE	08/27/18	12/14/18	03:00PM	04:25PM	MW	
WEL	08/27/18	12/14/18	04:25PM	05:15PM	W	

**Instructor:** Staff

## CIS-93 Computers for Beginners 3 UNITS

**Prerequisite:** None

Description: This course is designed as a practical step-by-step introduction to computer literacy topics including computer hardware and software, application skills, the Internet and Internet searching, Web page creation and computer ethics. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

**37140** Last day to add: 09/07/18

WE	08/27/18	12/14/18	09:00AM	12:35PM	F	CACT 2
WEL	08/27/18	12/14/18	12:45PM	01:50PM	F	CACT 2

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:** G Reotutar

## CIS-93 Computers for Beginners

3 UNITS

**Prerequisite:** None

Description: This course is designed as a practical step-by-step introduction to computer literacy topics including computer hardware and software, application skills, the Internet and Internet searching, Web page creation and computer ethics. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

**37958** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:20PM 03:45PM MW

WEL 08/27/18 12/14/18 03:45PM 04:35PM MW

**Instructor:** Staff

## CIS-93 Computers for Beginners

3 UNITS

**Prerequisite:** None

Description: This course is designed as a practical step-by-step introduction to computer literacy topics including computer hardware and software, application skills, the Internet and Internet searching, Web page creation and computer ethics. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

**37938** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:20PM 03:45PM TTH

WEL 08/27/18 12/14/18 03:45PM 04:35PM TH

**Instructor:** Staff

## CIS-98A Introduction to Excel

1.50 UNITS

**Prerequisite:** None.

Description: An introduction to electronic spreadsheets using Excel. (Same as CAT-98A)

**37141** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

OLL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). All hours, including the 18-hour laboratory requirement, will be completed online. Please note the start and end dates.

**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.)

**37153** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 07:35AM 09:00AM MW IT 210

**Instructor:** M Lewis

### 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.)

**37152** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:15AM 10:40AM MW IT 210

**Instructor:** M Lewis

### 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.)

**37823** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:40AM 11:05AM TTH IT 210

**Instructor:** A Olaerts

### 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.)

**37145** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:00AM 12:25PM MW IT 210

**Instructor:** M Lewis

## 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.)

**37143** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH ATEC 210

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

**Instructor:** L Tat

## 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.)

**37144** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:15AM 12:40PM TTH IT 210

**Instructor:** A Olaerts

## 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.)

**37147** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW IT 211

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

**Instructor:** D Romo

## 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.)

**37148** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 03:25PM TTH IT 211

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

**Instructor:** K Dhaliwal

## 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.)

**37150** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM MW IT 210

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

**Instructor:** M Lewis

## 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.)

**37142** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM TTH IT 211

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

**Instructor:** K Dhaliwal

## 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.)

**37154** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH IT 210

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

**Instructor:** K Dhaliwal

## 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.)

**37151** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 09:40PM T IT 210

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

**Instructor:** M Lewis

## 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.)

**37146** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 09:40PM W WEQ W6B

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

**Instructor:** G Stinson

## COM-3 Argumentation and Debate

3 UNITS

**Prerequisite:** None

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

Description: Covers theoretical underpinnings of argumentation and debate including a systematic approach to the process of debate, theories of argumentation as related to topic analysis, research, case construction, rebuttals, cross-examination, utilization of sound reasoning, and the importance of ethical behavior in debate. Focus is on effective delivery of verbal and nonverbal communication as well as effective listening. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37161** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:15AM 10:40AM MW WEQ W6B

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

**Instructor:** D Romo

## COM-3 Argumentation and Debate

3 UNITS

**Prerequisite:** None

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

Description: Covers theoretical underpinnings of argumentation and debate including a systematic approach to the process of debate, theories of argumentation as related to topic analysis, research, case construction, rebuttals, cross-examination, utilization of sound reasoning, and the importance of ethical behavior in debate. Focus is on effective delivery of verbal and nonverbal communication as well as effective listening. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37160** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 12:25PM MW WEQ W6B

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

**Instructor:** D Romo

## COM-6 Dynamics of Small Group Communication

3

UNITS

**Prerequisite:** None

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

Description: Provides an introduction to the dynamics of communication in purposeful small groups (i.e. problem-solving). Theoretical knowledge of small group communication becomes the basis for the practical application of group development, problem-solving, decision-making, discussion, interaction and presentation. Develops student competence and confidence as a group member and leader. Oral group presentations required. Students will speak formally as part of a group for a minimum of 20 semester minutes. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37162** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM MW IT 211

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

**Instructor:** R Stinson



## COM-9 Interpersonal Communication 3 UNITS

**Prerequisite:** None

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

**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.)

**37168** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 09:25AM TTH IT 210

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

**Instructor:** L Tat

## COM-9 Interpersonal Communication 3 UNITS

**Prerequisite:** None

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

**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.)

**37165** Last day to add: 09/12/18

WE 09/01/18 12/08/18 08:00AM 11:10AM S IT 210

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** B Rihan

## COM-9 Interpersonal Communication 3 UNITS

**Prerequisite:** None

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

**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.)

**37167** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH WEQ W5

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

**Instructor:** L Tat

## COM-9 Interpersonal Communication 3 UNITS

**Prerequisite:** None

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

**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.)

**37163** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW IT 210

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

**Instructor:** R Stinson

## COM-9 Interpersonal Communication 3 UNITS

**Prerequisite:** None

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

**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.)

**37164** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW IT 210

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

**Instructor:** R Stinson

## COM-9 Interpersonal Communication 3 UNITS

**Prerequisite:** None

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

**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.)

**37171** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 03:15PM 05:05PM F IT 210

HYBO 08/27/18 12/14/18 ON LINE

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

**Instructor:** B Rihan

## COM-9 Interpersonal Communication 3 UNITS

**Prerequisite:** None

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

**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.)

**37169** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM TTH LIBR 110

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

**Instructor:** N Aceves

## COM-9 Interpersonal Communication 3 UNITS

**Prerequisite:** None

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

**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.)

**37900** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:00PM W IT 210

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

**Instructor:** B Rihan

## COM-9 Interpersonal Communication

3 UNITS

**Prerequisite:** None

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

**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.)

**37172** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 06:30PM 07:55PM T LIBR 110

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** J Muto

## COM-9 Interpersonal Communication

3 UNITS

**Prerequisite:** None

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

**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.)

**37166** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 06:30PM 07:55PM TH LIBR 110

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** J Muto

## COM-9H Honors Interpersonal Communication

3 UNITS

**Prerequisite:** None

**Advisory:** COM-51 and qualification for ENG-1A Limitation on enrollment: Enrollment in the Honors Program

**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. This Honors course offers an enriched experience for accelerated students through limited class size; seminar format; focus on primary texts; and greater application of higher level critical thinking skills. Students may not receive credit for both COM-9 and COM-9H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37824** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM TTH IT 210

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

**Instructor:** J Muto

## COM-11 Storytelling

3 UNITS

**Prerequisite:** None

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

**Description:** A study of the history, theory, and practice of the oral art of storytelling. The historical and current practice of the oral tradition of both prose and poetry will be covered using a multicultural perspective. Students will research, prepare, and perform stories from a variety of genres and cultures. Oral presentations required. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37155** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM M IT 210

**Instructor:** M Lewis

## COM-12 Intercultural Communication

3 UNITS

**Prerequisite:** None

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

**Description:** This course provides an introduction to the factors affecting intercultural communication. This course focuses on the communication behaviors and values common to all cultures and ethnic groups, as well as the differences that may insulate and divide people. Students will examine influences on the communication process, including aspects such as stereotyping, gender roles, values, beliefs, verbal and nonverbal communication patterns, conflict styles and much more. Students will learn to overcome the communication problems that may result when members of other cultures and/or ethnic groups communicate by evaluating their own intercultural communication patterns and learning skills to increase their effectiveness. 54 hours lecture. (Letter Grade or Pass/No Pass option)

**37158** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** A Olaerts

## CONSTRUCTION TECHNOLOGY

### CON-61 Materials of Construction

3 UNITS

**Prerequisite:** None

**Description:** An introduction to the materials used in the construction of buildings; identification of materials, their properties and uses. The characteristics and properties of such materials such as concrete, steel, timber, masonry, plaster, roofing and all other structural and ornamental materials. 54 hours lecture.

**37173** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:30PM 09:40PM T IT 123

**Instructor:** P Link

### CON-62 Blueprint Reading

3 UNITS

**Prerequisite:** None.

**Description:** Overview of the basic concepts of reading construction blueprints.

**37174** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM M IT 122

**Instructor:** R Skaggs

## CON-63A Uniform Bldg Code/Ordin

3 UNITS

**Prerequisite:** None.

Description: Use of uniform building code in plan checking for compliance.

**37175** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM TH IT 123

**Instructor:** J Thomas

## CON-63B Analysis of Revisions to the Uniform Building Code

3 UNITS

**Prerequisite:** CON-63A

Description: An analysis which discusses the changes, amendments and the intent of the code. This analysis to provide to the building industry a concise understanding and purpose of facilitating the current code. In addition, the analysis of the revisions may be used as a plancheck and field inspection aid to ensure a better appraisal of the latest revisions. 54 hours lecture.

**37176** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM TH IT 123

**Instructor:** J Thomas

## CON-63C Analysis of Revisions to the Uniform Building Code

3 UNITS

**Prerequisite:** CON-63A

Description: An analysis which discusses the changes, amendments and the intent of the code. This analysis to provide to the building industry a concise understanding and purpose of facilitating the current code. In addition, the analysis of the revisions may be used as a plancheck and field inspection aid to ensure a better appraisal of the latest revisions. 54 hours lecture.

**37177** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM TH IT 123

**Instructor:** J Thomas

## CON-63D Analysis of Revisions to the Uniform Building Code

3 UNITS

**Prerequisite:** CON-63A

Description: An analysis which discusses the changes, amendments and the intent of the code. This analysis to provide to the building industry a concise understanding and purpose of facilitating the current code. In addition, the analysis of the revisions may be used as a plancheck and field inspection aid to ensure a better appraisal of the latest revisions. 54 hours lecture.

**37178** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM TH IT 123

**Instructor:** J Thomas

## CON-65 Plumbing Code

3 UNITS

**Prerequisite:** None

Description: Review of plumbing codes including discussion and analysis of the application of physical laws in development of the code requirements. 54 hours lecture.

**37179** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM TH IT 122

**Instructor:** T Kearns

## CON-66 National Electrical Code

3 UNITS

**Prerequisite:** None

Description: Review of electrical codes including discussion and analysis of the application of physical laws in development of the code requirements. 54 hours lecture.

**37180** Last day to add: 10/27/18

WE 10/23/18 12/13/18 02:00PM 05:10PM TTH ATEC 119

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** M Dowlatabadi

## CON-66 National Electrical Code

3 UNITS

**Prerequisite:** None

Description: Review of electrical codes including discussion and analysis of the application of physical laws in development of the code requirements. 54 hours lecture.

**37181** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM M IT 123

**Instructor:** J Thomas

## CON-68 Simplified Engineering for Building Inspectors

3 UNITS

**Prerequisite:** None

Description: Introduction to basic engineering. Fundamental static and stress formulae. Shear and moment diagrams and their applications. Properties of sections and their uses. Design of wood joists, beams, posts and use of tables with practical composite design applications. 54 hours lecture.

**37936** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:30PM 09:40PM W IT 123

**Instructor:** J Thomas

## CON-70 Soil Tech Fndamentals

3 UNITS

**Prerequisite:** None.

Description: Inspection and testing of soils, their classification and characteristics.

**37183** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:30PM 09:40PM T IT 122

**Instructor:** J Thomas

## DANCE

### DAN-6 Dance Appreciation

3 UNITS

**Prerequisite:** None

Description: A nontechnical course for the general student leading to the appreciation and understanding of dance as a medium of communication, entertainment, and as an art form. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37185** Last day to add: 09/07/18

WE 08/27/18 12/14/18 10:30AM 02:35PM F ATEC 114

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

**Instructor:** E Goe

## DRAFTING

### DFT-21 Drafting (same As Ene-21) 3 UNITS

**Prerequisite:** None.

Description: Fundamentals of mechanical drawing including lettering, instruments, projection, freehand drawing, and auxiliary views.

**37890** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:30AM	09:55AM	T	ATEC 109
WEL	08/27/18	12/14/18	10:05AM	11:30AM	T	ATEC 109
WEL2	08/27/18	12/14/18	08:30AM	11:40AM	TH	ATEC 109

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

**Instructor:** Staff

### DFT-21 Drafting (same As Ene-21) 3 UNITS

**Prerequisite:** None.

Description: Fundamentals of mechanical drawing including lettering, instruments, projection, freehand drawing, and auxiliary views.

**37891** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:35PM	04:00PM	M	ATEC 109
WEL	08/27/18	12/14/18	04:05PM	05:30PM	M	ATEC 109
WEL2	08/27/18	12/14/18	02:35PM	05:45PM	W	ATEC 109

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

**Instructor:** Staff

### DFT-22 Engineering Drawing (same As Ene-22) 3 UNITS

**Prerequisite:** DFT/ENE-21

Advisory: ENE-30

Description: Drafting fundamentals briefly reviewed, geometric construction, orthographic projections, freehand sketching, sectioning, auxiliary views, shop processes, dimensions and tolerances, fasteners, working and pictorial drawings, and as time permits, piping and electrical drawings. 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37892** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	03:25PM	T	ATEC 109
WEL	08/27/18	12/14/18	03:35PM	05:00PM	T	ATEC 109
WEL2	08/27/18	12/14/18	02:00PM	05:10PM	TH	ATEC 109

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

**Instructor:** Staff

### DFT-27 Technical Communications (same As Ele/Ene-27) 3 UNITS

**Prerequisite:** None

Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture.

**37894** Last day to add: 09/02/18

WE	08/27/18	10/17/18	08:00AM	11:20AM	MW	IT 124
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The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** Staff

### DFT-27 Technical Communications (same As Ele/Ene-27) 3 UNITS

**Prerequisite:** None

Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture.

**37893** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	09:10PM	T	ATEC 109
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** Staff

### DFT-51 Blueprint Reading (same As Ene-51) 2 UNITS

**Prerequisite:** None

Description: A beginning course in the study of blueprints and their interpretation, types of projection, symbols and abbreviations. This course is designed for students interested in print reading for the machine trades. 27 hours lecture and 27 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37895** Last day to add: 10/26/18

WE	10/22/18	12/12/18	08:00AM	09:30AM	MW	IT 124
WEL	10/22/18	12/12/18	09:35AM	11:05AM	MW	IT 124

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** Staff

### DFT-60 Math for Engineering Technology (same As Ene-60) 3 UNITS

**Prerequisite:** None.

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

**37897** Last day to add: 09/02/18

WE	08/27/18	10/17/18	12:00PM	03:20PM	MW	IT 124
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The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** Staff

### DFT-60 Math for Engineering Technology (same As Ene-60) 3 UNITS

**Prerequisite:** None.

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

**37896** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	09:10PM	TH	ATEC 109
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** Staff



## EARLY CHILDHOOD EDUCATION

### EAR-19 Observation and Assessment-ECE 3 UNITS

**Prerequisite:** None.

Description: Appropriate use of a variety of assessment and observation strategies to document child development and behavior.

**37186** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM M IT 209

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

**Instructor:** L Vazquez

### 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.

**37189** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** S Sumiati

### 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.

**37190** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** S Burnett

### 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.

**37191** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:30AM 12:40PM TH IT 209

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

**Instructor:** S Burnett

### 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.

**37188** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW IT 209

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

**Instructor:** Staff

### 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.

**37187** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T IT 209

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

**Instructor:** A Calloway

### EAR-24 Introduction to Curriculum 3 UNITS

**Prerequisite:** None

Description: This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6. Students will examine a teacher's role in supporting development and engagement for all young children. This course provides strategies for developmentally-appropriate practice based on observation and assessments across the curriculum, including: academic content areas; play, art, and creativity; and development of social-emotional, communication, and cognitive skills. 54 hours lecture.

**37192** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:30AM 12:40PM T IT 209

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

**Instructor:** S Burnett

### EAR-25 Teaching in a Diverse Society 3 UNITS

**Prerequisite:** None

Description: Students will examine the development of social identities in a diverse society and consider culturally relevant and linguistically anti-bias approaches to supporting all children become competent members of a diverse society.

**37193** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:15AM 12:25PM M IT 209

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

**Instructor:** S Burnett

## EAR-26 Health, Safety and Nutrition

3 UNITS

**Prerequisite:** None.

Description: A study of health, safety and nutrition factors of importance to the teacher, child and family of the young child.

37829

Last day to add: 09/07/18

OL 08/27/18 12/14/18

ON LINE

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

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

**Instructor:** B Zentgraf

## EAR-28 Principles and Practices of Teaching Young Children

3 UNITS

**Prerequisite:** None

Description: An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children. Includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity. 54 hours lecture.

37194

Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:15AM 12:25PM W IT 209

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

**Instructor:** S Burnett

## EAR-40 Intro Children With Special Needs

3 UNITS

**Prerequisite:** None

Description: Introduces variations in development of children with special needs ages birth through eight and the resulting impact on families. Includes an overview of historical and societal influences, laws relating to children with special needs, and the identification and referral process. This course will include required observations of programs for infants and children with special needs and their families. 54 hours lecture. (Letter Grade only.)

37196

Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH IT 209

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

**Instructor:** M Adams

## EAR-41 Practicum in Early Intervention/ Special Education

4 UNITS

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

Advisory: EAR-40 or EAR-46

Description: This course provides students with hands-on experience working with infants, toddlers and young children with special needs in a variety of early intervention and educational settings, including natural environments, self-contained and fully-included early childhood classrooms. It integrates learned theoretical models to real-life situations and affords students opportunities for supervised practice as an assistant in an early childhood special education setting, home visiting program or as an early intervention support person in a general education classroom. 36 hours lecture and 108 hours laboratory. (TBA option)

37827

Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:00PM 04:05PM TH IT 209

LAB 08/27/18 12/14/18 08:30AM 03:00PM MW

The above section is a web-enhanced class that has 108 lab hours that must be completed.

Each student will be assigned a practicum site on the first Thursday afternoon class session. 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 class meeting students must have a completed Child Development Course Clearance Checklist showing immunization clearance. Immunizations and TB tests can be obtained at the Norco College Health Services office, or through your personal health provider. Copies of the clearance form can be located at [http://www.norcollege.edu/services/health/Documents/SB792%20Imm%20Checklist%20Norco%20College\\_r3.pdf](http://www.norcollege.edu/services/health/Documents/SB792%20Imm%20Checklist%20Norco%20College_r3.pdf). Take this blank form with your evidence of immunization to the Norco Health Center for clearance and bring a copy on the first day of the practicum. The first day of the practicum for all section begins on the first Thursday afternoon class session.

**Instructor:** M Adams

## EAR-41 Practicum in Early Intervention/ Special Education

4 UNITS

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

Advisory: EAR-40 or EAR-46

Description: This course provides students with hands-on experience working with infants, toddlers and young children with special needs in a variety of early intervention and educational settings, including natural environments, self-contained and fully-included early childhood classrooms. It integrates learned theoretical models to real-life situations and affords students opportunities for supervised practice as an assistant in an early childhood special education setting, home visiting program or as an early intervention support person in a general education classroom. 36 hours lecture and 108 hours laboratory. (TBA option)

37828

Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:00PM 04:05PM TH IT 209

LAB 08/27/18 12/14/18 08:30AM 01:00PM TTH

The above section is a web-enhanced class that has 108 lab hours that must be completed. Each student will be assigned a practicum site on the first Thursday afternoon class session. 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 class meeting students must have a completed Child Development Course Clearance Checklist showing immunization clearance. Immunizations and TB tests can be obtained at the Norco College Health Services office, or through your personal health provider. Copies of the clearance form can be located at [http://www.norcollege.edu/services/health/Documents/SB792%20Imm%20Checklist%20Norco%20College\\_r3.pdf](http://www.norcollege.edu/services/health/Documents/SB792%20Imm%20Checklist%20Norco%20College_r3.pdf). Take this blank form with your evidence of immunization to the Norco Health Center for clearance and bring a copy on the first day of the practicum. The first day of the practicum for all section begins on the first Thursday afternoon class session.

**Instructor:** M Adams

## 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.

37197

Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM W IT 209

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

**Instructor:** T Oliver

## EAR-43 Children with Challenging Behaviors 3 UNITS

**Prerequisite:** EAR-19 EAR-20

Description: This course provides an overview of the developmental, environmental and cultural factors that impact the behavior of young children, including family stressors, child temperament, violence, attachment disorders, and special needs; and proactive intervention and prevention techniques. Topics include addressing reasons children misbehave, how to carefully observe a child, how to create a positive environment to encourage appropriate behavior, and how to effectively address many types of behaviors including those that are aggressive and antisocial, disruptive, destructive, emotional and dependent. Outside observations required. 54 hours lecture.

**37199** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 05:10PM T IT 209

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

**Instructor:** M Adams

## ECONOMICS

### ECO-4 Intro Economics 3 UNITS

**Prerequisite:** None.

Description: An entry-level, general education course which introduces and surveys basic macroeconomic and microeconomic principles.

**37201** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 08:00AM 09:25AM TTH IT 109

**Instructor:** C Rajakone

### ECO-4 Intro Economics 3 UNITS

**Prerequisite:** None.

Description: An entry-level, general education course which introduces and surveys basic macroeconomic and microeconomic principles.

**37200** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:00AM 12:25PM MW IT 109

**Instructor:** C Rajakone

### 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.

**37202** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH IT 109

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

**Instructor:** P Boelman

### 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.

**37203** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW IT 109

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

**Instructor:** P Boelman

### ECO-8 Principles of Microeconomics 3 UNITS

**Prerequisite:** MAT-52

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

Description: Economic theory and analysis as applied to consumer and producer behavior in markets. Emphasizes the allocation of resources and the distribution of income through the price mechanism, and deals with the microeconomic concepts of equilibrium in product and factor markets, perfect and imperfect competition, government intervention in the private sector, and international trade and finance. 54 hours lecture.

**37206** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW IT 101

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

**Instructor:** P Boelman

### ECO-8 Principles of Microeconomics 3 UNITS

**Prerequisite:** MAT-52

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

Description: Economic theory and analysis as applied to consumer and producer behavior in markets. Emphasizes the allocation of resources and the distribution of income through the price mechanism, and deals with the microeconomic concepts of equilibrium in product and factor markets, perfect and imperfect competition, government intervention in the private sector, and international trade and finance. 54 hours lecture.

**37205** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 09:40PM W IT 109

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

**Instructor:** P Boelman

## ECO-8H Honors Principles of Microeconomics 3 UNITS

**Prerequisite:** MAT-52

**Advisory:** MAT-35 and qualification for ENG-1A Limitation on enrollment: Enrollment in the Honors program

**Description:** Economic theory and analysis as applied to consumer and producer behavior in markets. Emphasizes the allocation of resources and the distribution of income through the price mechanism, and deals with the microeconomic concepts of equilibrium in product and factor markets, perfect and imperfect competition, government intervention in the private sector, and international trade and finance. This honors course offers an enriched experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher level critical thinking skills. Students may not receive credit for both ECO-8 and ECO-8H. 54 hours lecture.

**37830 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH IT 109

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

**Instructor:** P Boelman

## ELECTRONICS

### ELE-11 DC Electronics 4 UNITS

**Prerequisite:** None

**Description:** Basic DC electrical theory, devices, circuits and applications including resistors, capacitors, coils and motors.

**37207 Last day to add: 10/27/18**

WE 10/23/18 12/13/18 09:00AM 01:05PM TTH IT 124

WEL 10/23/18 12/13/18 02:00PM 03:30PM TTH IT 124

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** G Graham

### ELE-11 DC Electronics 4 UNITS

**Prerequisite:** None

**Description:** Basic DC electrical theory, devices, circuits and applications including resistors, capacitors, coils and motors.

**37208 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 06:00PM 08:50PM T STEM 302

LEC2 08/27/18 12/14/18 06:00PM 06:50PM TH STEM 302

LAB 08/27/18 12/14/18 07:00PM 08:25PM TH STEM 302

**Instructor:** S Chng

### ELE-27 Technical Communications 3 UNITS

**Prerequisite:** None

**Description:** Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture.

**37212 Last day to add: 09/02/18**

WE 08/27/18 10/17/18 08:00AM 11:20AM MW IT 124

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** Staff

### ELE-27 Technical Communications 3 UNITS

**Prerequisite:** None

**Description:** Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture.

**37211 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 06:00PM 09:10PM T ATEC 109

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

**Instructor:** G Balteria

### ELE-71 Residential Electrical Wiring (same As Ele-71) 4 UNITS

**Prerequisite:** None

**Description:** Introduces students to wiring methods commonly used in residential electrical wiring. Topics include wiring of electrical switches, receptacles, code requirements for kitchen, bathroom, GFI and AFI devices, raceways, and boxes. Laboratory allows students to wire and test sample wall and ceiling sections. 54 hours lecture and 54 hours laboratory.

**37883 Last day to add: 09/12/18**

WE 09/01/18 12/08/18 08:00AM 12:15PM S ATEC 119

WEL 09/01/18 12/08/18 01:00PM 02:35PM S ATEC 119

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** T Childers

### ELE-72 Commercial and Industrial Electrical Wiring (same As Ele-72) 4 UNITS

**Prerequisite:** None

**Description:** Wiring of commercial and industrial buildings including equipment grounding, service grounding, power distribution, conduit types, metal, plastic, flexible, bending and supporting, light distribution, and blueprint reading. Hands-on lab experiences are selected to reinforce key theories. 54 hours lecture and 54 hours laboratory.

**37884 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 08:30AM 12:05PM F ATEC 119

WEL 08/27/18 12/14/18 12:40PM 04:05PM F ATEC 119

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

**Instructor:** C Keissieh



## ELE-74 Industrial Wiring and Controls (same As Elc-74)

4 UNITS

**Prerequisite:** None

Description: Industrial controls and electrical wiring of modern facilities, manufacturing, or warehousing. Included will be production equipment, conveyor systems, hydraulic and pneumatic controls, power distribution, blueprint reading, electrical control wiring, PLC (programmable logic controller) control wiring, VFD (variable frequency drives) wiring and programming. 54 hours lecture and 54 hours laboratory. (Letter Grade or Pass/No Pass option)

**37234** Last day to add: 09/03/18

WE 08/28/18 10/18/18 09:00AM 12:20PM TTH IT 124

WEL 08/28/18 10/18/18 02:00PM 05:20PM TTH IT 124

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** G Graham

## ELE-74 Industrial Wiring and Controls (same As Elc-74)

4 UNITS

**Prerequisite:** None

Description: Industrial controls and electrical wiring of modern facilities, manufacturing, or warehousing. Included will be production equipment, conveyor systems, hydraulic and pneumatic controls, power distribution, blueprint reading, electrical control wiring, PLC (programmable logic controller) control wiring, VFD (variable frequency drives) wiring and programming. 54 hours lecture and 54 hours laboratory. (Letter Grade or Pass/No Pass option)

**37885** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 07:25PM MW STEM 302

WEL 08/27/18 12/14/18 07:35PM 09:00PM MW STEM 302

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

**Instructor:** G Graham

## ELE-75 Solid State Devices Lighting Controls (same As Elc-75)

3 UNITS

**Prerequisite:** None.

Description: Learn to integrate electronic devices into electrical systems.

**37855** Last day to add: 09/12/18

WE 09/01/18 12/08/18 08:00AM 10:30AM S CACT 2

WEL 09/01/18 12/08/18 10:40AM 02:45PM S CACT 2

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** Staff

## ELE-77 Electrical Theory (same As Elc-77)

3 UNITS

**Prerequisite:** None

Description: This course introduces students to electrical theory, Ohm's Law, magnetism, voltage inductance, capacitance, units of electric measurement, and proper usage of electrical test equipment (meters). Student will learn concepts of electrical energy, Kirchoff's law, Norton's and Thevenin's theorems, algebraic and trigonometric requirements to solve electrical problems for both (A/C) alternating current and (D/C) direct current circuits. Student will learn basic electrical safety procedures, including the proper usage and requirement of (PPE) personal protection equipment. 54 hours lecture. (Letter Grade or Pass/No Pass option.)

**37235** Last day to add: 10/26/18

WE 10/22/18 12/12/18 12:00PM 03:10PM MW ATEC 119

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** G Graham

## ELE-400 Introduction to the Electrical Trades And Construction Safety (same As Elc-400)

3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student is a registered State indentured apprentice

Description: Focusing on electrical trades, students will examine safety issues surrounding construction job-sites and installation of electrical systems. Includes OSHA 10 Construction certification training, identification of job-site hazards, safe work practices and personal protective equipment for various construction site hazards. Care for breathing and cardiac emergencies along with basic first aid and automatic external defibrillator (AED) training for use on both adults and children. Substance abuse will be addressed. Basic math operations will be reviewed and reinforced. 45 hours lecture and 54 hours laboratory.

**37214** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:00PM 04:10PM MW JACT 1

LAB 08/27/18 12/14/18 04:20PM 05:45PM MW JACT 1

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-400 Introduction to the Electrical Trades And Construction Safety (same As Elc-400) 3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student is a registered State indentured apprentice

Description: Focusing on electrical trades, students will examine safety issues surrounding construction job-sites and installation of electrical systems. Includes OSHA 10 Construction certification training, identification of job-site hazards, safe work practices and personal protective equipment for various construction site hazards. Care for breathing and cardiac emergencies along with basic first aid and automatic external defibrillator (AED) training for use on both adults and children. Substance abuse will be addressed. Basic math operations will be reviewed and reinforced. 45 hours lecture and 54 hours laboratory.

**37213** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 07:10PM MW JACT 1

LAB 08/27/18 12/14/18 07:20PM 08:45PM MW JACT 1

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-400 Introduction to the Electrical Trades And Construction Safety (same As Elc-400) 3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student is a registered State indentured apprentice

Description: Focusing on electrical trades, students will examine safety issues surrounding construction job-sites and installation of electrical systems. Includes OSHA 10 Construction certification training, identification of job-site hazards, safe work practices and personal protective equipment for various construction site hazards. Care for breathing and cardiac emergencies along with basic first aid and automatic external defibrillator (AED) training for use on both adults and children. Substance abuse will be addressed. Basic math operations will be reviewed and reinforced. 45 hours lecture and 54 hours laboratory.

**37215** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 07:10PM MW JACT 9

LAB 08/27/18 12/14/18 07:20AM 08:45PM MW JACT 9

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-402 Advanced DC Circuit Concepts, Introduction to 3-Phase AC Circuits, Test Equipment, and National Electric Code Applications (same As Elc-402) 3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Electrician circuit analysis techniques, series, parallel, and combination DC circuits, test equipment, National Electric Code (NEC), and elementary 3-Phase AC circuits will be introduced. 45 hours lecture and 54 hours laboratory.

**37217** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:00PM 04:10PM TTH JACT 3

LAB 08/27/18 12/14/18 04:20PM 05:45PM TTH JACT 3

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-402 Advanced DC Circuit Concepts, Introduction to 3-Phase AC Circuits, Test Equipment, and National Electric Code Applications (same As Elc-402) 3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Electrician circuit analysis techniques, series, parallel, and combination DC circuits, test equipment, National Electric Code (NEC), and elementary 3-Phase AC circuits will be introduced. 45 hours lecture and 54 hours laboratory.

**37928** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:00PM 04:10PM TTH JACT 4

LAB 08/27/18 12/14/18 04:20PM 05:45PM TTH JACT 4

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-402 Advanced DC Circuit Concepts, Introduction to 3-Phase AC Circuits, Test Equipment, and National Electric Code Applications (same As Elc-402) 3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Electrician circuit analysis techniques, series, parallel, and combination DC circuits, test equipment, National Electric Code (NEC), and elementary 3-Phase AC circuits will be introduced. 45 hours lecture and 54 hours laboratory.

**37216** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 07:10PM TTH JACT 3

LAB 08/27/18 12/14/18 07:20PM 08:45PM TTH JACT 3

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-404 Digital Logic Circuits, Conductor Characteristics, Applications, and National Electric Code (NEC) (same As Elc-404) 3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Digital logic concepts and their real-world application. Electrician identification, selection, and installation of electrical conductors in accordance with National Electrical Code (NEC). 45 hours lecture and 54 hours laboratory.

**37218** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:00PM 04:10PM TTH JACT 2

LAB 08/27/18 12/14/18 04:20PM 05:45PM TTH JACT 2

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

**ELE-404 Digital Logic Circuits, Conductor Characteristics, Applications, and National Electric Code (NEC) (same As Elc-404) 3.50 UNITS**

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Digital logic concepts and their real-world application. Electrician identification, selection, and installation of electrical conductors in accordance with National Electrical Code (NEC). 45 hours lecture and 54 hours laboratory.

**37219 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 06:00PM 07:10PM TTH JACT 2

LAB 08/27/18 12/14/18 07:20PM 08:45PM TTH JACT 2

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

**ELE-406 Grounding Systems, Advanced Blueprints and Specifications, Motor Design and Installation, and National Electric Code (same As Elc-406) 3.50 UNITS**

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Advanced concepts for blueprints and specifications. Study of motor design and application and National Electric Code concepts. 45 hours lecture and 54 hours laboratory.

**37223 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 03:00PM 04:10PM MW JACT 4

LAB 08/27/18 12/14/18 04:20PM 05:45PM MW JACT 4

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

**ELE-406 Grounding Systems, Advanced Blueprints and Specifications, Motor Design and Installation, and National Electric Code (same As Elc-406) 3.50 UNITS**

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Advanced concepts for blueprints and specifications. Study of motor design and application and National Electric Code concepts. 45 hours lecture and 54 hours laboratory.

**37930 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 03:00PM 04:10PM MW JACT 5

LAB 08/27/18 12/14/18 04:20PM 05:45PM MW JACT 5

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee.

(909) 890-1703.

**Instructor:** Staff

**ELE-406 Grounding Systems, Advanced Blueprints and Specifications, Motor Design and Installation, and National Electric Code (same As Elc-406) 3.50 UNITS**

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Advanced concepts for blueprints and specifications. Study of motor design and application and National Electric Code concepts. 45 hours lecture and 54 hours laboratory.

**37222 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 06:00PM 07:10PM MW JACT 4

LAB 08/27/18 12/14/18 07:20PM 08:45PM MW JACT 4

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

**ELE-406 Grounding Systems, Advanced Blueprints and Specifications, Motor Design and Installation, and National Electric Code (same As Elc-406) 3.50 UNITS**

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Advanced concepts for blueprints and specifications. Study of motor design and application and National Electric Code concepts. 45 hours lecture and 54 hours laboratory.

**37929 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 06:00PM 07:10PM MW JACT 5

LAB 08/27/18 12/14/18 07:20PM 08:45PM MW JACT 5

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

**ELE-408 Transformer Theory, Leadership, Management, and Test Equipment (same As Elc-408) 3.50 UNITS**

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Explores electrician theory and field application of transformers, test equipment, including management and leadership principles for supervisors, along with special equipment for security systems for the grid. 45 hours lecture and 54 hours laboratory.

**37224 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 03:00PM 04:10PM TTH JACT 5

LAB 08/27/18 12/14/18 04:20PM 05:45PM TTH JACT 5

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-408 Transformer Theory, Leadership, Management, and Test Equipment (same As Elc-408) 3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Explores electrician theory and field application of transformers, test equipment, including management and leadership principles for supervisors, along with special equipment for security systems for the grid. 45 hours lecture and 54 hours laboratory.

**37225** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 07:10PM TTH JACT 5

LAB 08/27/18 12/14/18 07:20PM 08:45PM TTH JACT 5

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-420 Introduction to Sound/Communication Trade Industry (same As Elc-420) 3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: An introduction to the sound and communication industry. Students will examine the fundamentals of wiring methods, fastening devices, electrical conductors, circuits, voltage and data communication. Basic math operations will be reviewed and reinforced. Care for breathing and cardiac emergencies along with basic first aid for use on both adults and children. Substance abuse will be addressed. 45 hours lecture and 54 hours laboratory.

**37229** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 07:10PM MW JACT 8

LAB 08/27/18 12/14/18 07:20PM 08:45PM MW JACT 8

The above course is part of a 3-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-422 Electrical Theory and Practices AC (same As Elc-422) 3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Study of apprenticeship, electrical inductance, capacitance and reactance, including grounded conductors, branch circuits, transformer principles, RCL circuits and filters. 45 hours lecture and 54 hours laboratory.

**37230** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:00PM 04:10PM MW JACT 8

LAB 08/27/18 12/14/18 04:20PM 05:45PM MW JACT 8

The above course is part of a 3-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-424 Introduction to Digital Electronics and Signaling Devices (same As Elc-424) 3.50 UNITS

**Prerequisite:** None Limitation on enrollment: Student must be a registered State indentured apprentice

Description: Introduction to digital electronic technology and electronic equipment. Instruction includes basic digital systems, binary and decimal numbering systems, decision-making logic circuits, Boolean Algebra, flip-flops, counters, shift registers, encoders, decoders, ROMs, DC to AC converters and organization of these component blocks to accomplish manipulation of data. 45 hours lecture and 54 hours laboratory.

**37231** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 07:10PM TTH JACT 8

LAB 08/27/18 12/14/18 07:20PM 08:45PM TTH JACT 8

The above course is part of a 3-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-499 Electrician Apprenticeship Work Experience (same As Elc-499) 1 UNIT

**Prerequisite:** None Limitation on enrollment: Student must be a State indentured apprentice

Description: This course provides students the opportunity to work in the electricians apprenticeship program for the purpose of developing specific skills to meet the goals and objectives of the electricians Joint Apprenticeship and Training Committee (J.A.T.C.). Students complete work experience hours at approved training sites. Students may take up to 16 units total across all work experience course offerings. This course may be taken up to four times when there are new or expanded learning objectives. Only one work experience course may be taken per semester. 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.

**37232** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 08:00AM 08:50AM S JACT 1

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

## ELE-499 Electrician Apprenticeship Work Experience (same As Elc-499) 1 UNIT

**Prerequisite:** None Limitation on enrollment: Student must be a State indentured apprentice

Description: This course provides students the opportunity to work in the electricians apprenticeship program for the purpose of developing specific skills to meet the goals and objectives of the electricians Joint Apprenticeship and Training Committee (J.A.T.C.). Students complete work experience hours at approved training sites. Students may take up to 16 units total across all work experience course offerings. This course may be taken up to four times when there are new or expanded learning objectives. Only one work experience course may be taken per semester. 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.

**37931** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 09:00AM 09:50AM S JACT 1

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff



## ENGINEERING

### ENE-21 Drafting 3 UNITS

**Prerequisite:** None.

Description: Fundamentals of mechanical drawing including lettering, instruments, projection, freehand drawing, and auxiliary views.

**37237** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:30AM	09:55AM	T	A TEC 109
WEL	08/27/18	12/14/18	10:05AM	11:30AM	T	A TEC 109
WEL2	08/27/18	12/14/18	08:30AM	11:40AM	TH	A TEC 109

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

**Instructor:** Staff

### ENE-21 Drafting 3 UNITS

**Prerequisite:** None.

Description: Fundamentals of mechanical drawing including lettering, instruments, projection, freehand drawing, and auxiliary views.

**37238** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:35PM	04:00PM	M	A TEC 109
WEL	08/27/18	12/14/18	02:35PM	05:45PM	W	A TEC 109
WEL2	08/27/18	12/14/18	04:05PM	05:30PM	M	A TEC 109

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

**Instructor:** Staff

### ENE-22 Engineering Drawing 3 UNITS

**Prerequisite:** ENE-21

Advisory: ENE-30

Description: Drafting fundamentals briefly reviewed, geometric construction, orthographic projections, freehand sketching, sectioning, auxiliary views, shop processes, dimensions and tolerances, fasteners, working and pictorial drawings, and as time permits, piping and electrical drawings. 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37239** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	03:25PM	T	A TEC 109
WEL	08/27/18	12/14/18	03:35PM	05:00PM	T	A TEC 109
WEL2	08/27/18	12/14/18	02:00PM	05:10PM	TH	A TEC 109

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

**Instructor:** Staff

### ENE-27 Technical Communications 3 UNITS

**Prerequisite:** None

Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture.

**37241** Last day to add: 09/02/18

WE	08/27/18	10/17/18	08:00AM	11:20AM	MW	IT 124
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The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** Staff

### ENE-27 Technical Communications 3 UNITS

**Prerequisite:** None

Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture.

**37240** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	09:10PM	T	A TEC 109
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** G Balteria

### ENE-30 Computer Aided Drafting (CAD) 3 UNITS

**Prerequisite:** None

Advisory: CIS-1A

Description: A two-dimensional computer aided drafting class for drafters. Students will use an AUTOCAD computer drafting system to develop computer drawn drawings, which are typical to the various fields of drafting. 27 hours lecture and 90 hours laboratory.

**37242** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:15AM	12:40PM	M	A TEC 109
WEL	08/27/18	12/14/18	12:50PM	02:15PM	M	A TEC 109
WEL2	08/27/18	12/14/18	11:15AM	02:25PM	W	A TEC 109

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

**Instructor:** Staff

### ENE-30 Computer Aided Drafting (CAD) 3 UNITS

**Prerequisite:** None

Advisory: CIS-1A

Description: A two-dimensional computer aided drafting class for drafters. Students will use an AUTOCAD computer drafting system to develop computer drawn drawings, which are typical to the various fields of drafting. 27 hours lecture and 90 hours laboratory.

**37243** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	07:25PM	M	IT 124
WEL	08/27/18	12/14/18	07:35PM	09:00PM	M	IT 124
WEL2	08/27/18	12/14/18	06:00PM	09:10PM	W	IT 124

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

**Instructor:** K Rad

### ENE-42 SolidWorks I 3 UNITS

**Prerequisite:** None

Advisory: PC computer experience recommended

Description: This course is designed to introduce the student to three-dimensional parametric solid modeling with SolidWorks. Students will begin with basic parametric solid modeling techniques advancing into complex assemblies requiring animation. 27 hours lecture and 90 hours of laboratory.

**37246** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	08:30AM	09:55AM	M	IT 125
LAB	08/27/18	12/14/18	10:05AM	11:30AM	M	IT 125
LAB2	08/27/18	12/14/18	08:30AM	11:40AM	W	IT 125

**Instructor:** Staff

## ENE-42 SolidWorks I

3 UNITS

**Prerequisite:** None

**Advisory:** PC computer experience recommended

Description: This course is designed to introduce the student to three-dimensional parametric solid modeling with SolidWorks. Students will begin with basic parametric solid modeling techniques advancing into complex assemblies requiring animation. 27 hours lecture and 90 hours of laboratory.

**37245** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	07:25PM	MW	IT 125
WEL	08/27/18	12/14/18	07:35PM	09:40PM	M	IT 125
WEL2	08/27/18	12/14/18	06:00PM	09:10PM	W	IT 125

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

**Instructor:** S Hall

## ENE-42B SolidWorks II

3 UNITS

**Prerequisite:** ENE-42 or prior SolidWorks experience

Description: An advanced course in using the three-dimensional parametric solid-modeler SolidWorks. This course is designed to further 3D parametric solid modeling software techniques learned in SolidWorks I. Students will delve deeper into topics that were introduced in the first SolidWorks course such as extruding, sweeping, lofting, shelling, assemblies, and animation. 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37857** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	07:25PM	TTH	IT 125
WEL	08/27/18	12/14/18	07:35PM	09:40PM	T	IT 125
WEL2	08/27/18	12/14/18	06:00PM	09:10PM	TH	IT 125

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

**Instructor:** J Sommerville

## ENE-51 Blueprint Reading

2 UNITS

**Prerequisite:** None

Description: A beginning course in the study of blueprints and their interpretation, types of projection, symbols and abbreviations. This course is designed for students interested in print reading for the machine trades. 27 hours lecture and 27 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37247** Last day to add: 10/26/18

WE	10/22/18	12/12/18	08:00AM	09:30AM	MW	IT 124
WEL	10/22/18	12/12/18	09:35AM	11:05AM	MW	IT 124

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** Staff

## ENE-52 Geometric Dimensioning and Tolerancing

2 UNITS

**Prerequisite:** None

Description: A course presenting the basics of the Standards of Geometric Dimensioning and Tolerancing. This course will help students read, interpret and use ANSI Y14.5M, the current standard for drafting. 36 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37249** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	06:00PM	08:05PM	W	ATEC 109
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**Instructor:** G Cordier

## ENE-60 Math for Engineering Technology

3 UNITS

**Prerequisite:** None.

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

**37251** Last day to add: 09/02/18

WE	08/27/18	10/17/18	12:00PM	03:20PM	MW	IT 124
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The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** Staff

## ENE-60 Math for Engineering Technology

3 UNITS

**Prerequisite:** None.

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

**37250** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	09:10PM	TH	ATEC 109
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** G Alcalá

## 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 or ENG-80
- 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

#### ENGLISH 80

- There is no prerequisite; the course is open to all students.

#### ENGLISH 70

- There is no prerequisite; the course is open to all students. It is strongly recommended that students register in an appropriate composition course (ENG-70, 80, 50, or ENG-1A) during their first semester of enrollment. See "Moving through English" for more details.

### 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)

37254

Last day to add: 09/07/18

OL 08/27/18 12/14/18

ON LINE

OLL 08/27/18 12/14/18

ON LINE

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, will be completed online.

**Instructor:** E Rossi

### 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)

37276

Last day to add: 09/07/18

OL 08/27/18 12/14/18

ON LINE

OLL 08/27/18 12/14/18

ON LINE

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:** E Rossi

### 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)

37954

Last day to add: 09/04/18

OL 08/27/18 10/21/18

ON LINE

OLL 08/27/18 10/21/18

ON LINE

The above section is a short term 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. Please note the start and end dates.

**Instructor:** C Liang

### 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)

37955

Last day to add: 10/30/18

OL 10/22/18 12/14/18

ON LINE

OLL 10/22/18 12/14/18

ON LINE

The above section is a short term 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. Please note the start and end dates.

**Instructor:** C Liang

### 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)

37283

Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:15AM 08:30AM MWF IT 206

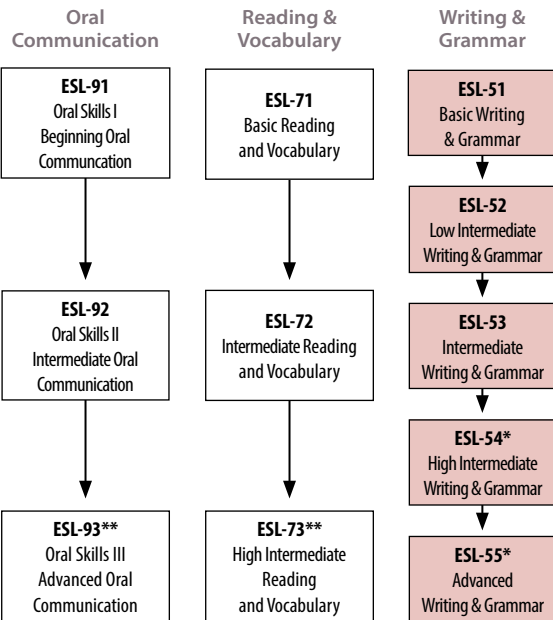
WEL 08/27/18 12/14/18 IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** M Pelle

## Moving through English, ESL, Reading

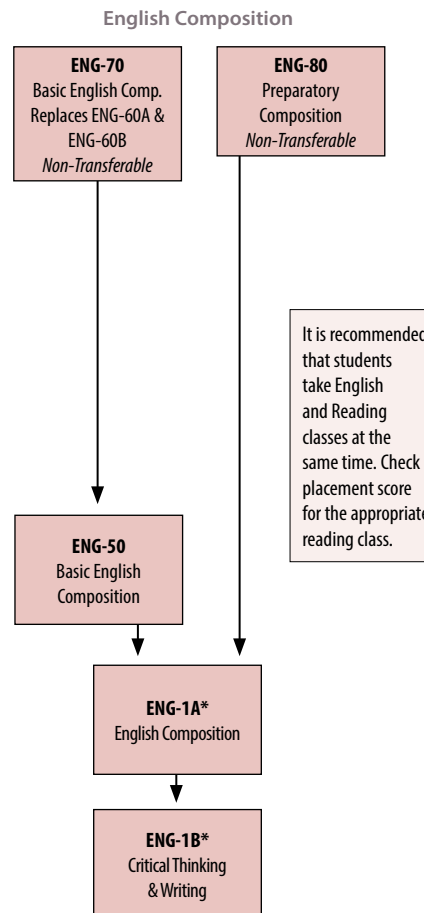
### English as a Second Language



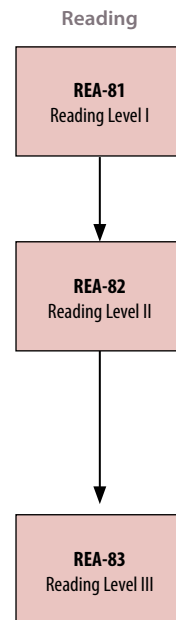
\* Indicates UC/CSU transferable course  
\*\* Associate Degree applicable only

Shaded areas indicate possible course placements

### English Composition



### Reading



#### 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)

**37261** Last day to add: 09/07/18

WE	08/27/18	12/14/18	07:30AM	09:35AM	TTH	IT 111
WEL	08/27/18	12/14/18				IT 121

This course is part of the First Year Experience (FYE). For information or to enroll email Justin.Mendez@norcollege.edu or Natalie.Aceves@norcollege.edu. The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** R Hitch

#### 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)

**37288** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	08:00AM	10:05AM	MW	CRC CRCL
LAB	08/27/18	12/14/18	11:15AM	12:05PM	M	CRC CRCL

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



## 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)

**37289** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	08:15AM	10:20AM	MW	CRC	CRCU
LAB	08/27/18	12/14/18	11:45AM	12:35PM	W	CRC	CRCU

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 Dobson

## 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)

**37287** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:15AM	10:20AM	TTH	IT	206
WEL	08/27/18	12/14/18	11:00AM	11:50AM	W	IT	121

The above section is designed for the Umoja Community. Students are required to register for GUI-48 38383 and ENG-85 38875 during this semester. Please see the Umoja Counselor in the Counseling Department prior to enrolling. The designated laboratory hours are included in the meeting times for this class.

**Instructor:** A Moore

## 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)

**37291** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:15AM	10:20AM	TTH	IT	108
WEL	08/27/18	12/14/18				IT	121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Dobson

## 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)

**37917** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	08:15AM	10:20AM	T	WEQ	W6B
HYBO	08/27/18	12/14/18				ON	LINE
HYBLO	08/27/18	12/14/18				ON	LINE

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:** S Hanson

## 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)

**37918** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	08:15AM	10:20AM	TH	WEQ	W6B
HYBO	08/27/18	12/14/18				ON	LINE
HYBLO	08/27/18	12/14/18				ON	LINE

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:** S Hanson

## 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)

**37971** Last day to add: 09/03/18

HYB	08/27/18	10/19/18	08:15AM	10:10AM	TH	IT	110
HYBO	08/27/18	10/19/18				ON	LINE
HYBLO	08/27/18	10/19/18				ON	LINE

The above section is a short term 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).

Please note the start and end dates.

**Instructor:** N Morford

## 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)

**37972** Last day to add: 10/29/18

HYB	10/22/18	12/14/18	08:15AM	10:10AM	TH	IT 110
HYBO	10/22/18	12/14/18				ON LINE
HYBLO	10/22/18	12/14/18				ON LINE

The above section is a short term 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). Please note the start and end dates.

**Instructor:** N Morford

## 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)

**37255** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:45AM	10:00AM	MWF	CACT 1
WEL	08/27/18	12/14/18				IT 121

This course is part of the First Year Experience (FYE). For information or to enroll email Justin.Mendez@norcollege.edu or Natalie.Aceves@norcollege.edu. The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** D Mills

## 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)

**37852** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:45AM	10:00AM	MWF	IT 206
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** D Mattson

## 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)

**37267** Last day to add: 09/07/18

WE	08/27/18	12/14/18	09:45AM	11:50AM	TTH	IT 111
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** R Hitch

## 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)

**37256** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	10:15AM	11:30AM	MWF	IT 110
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** Staff

## 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)

**37258** Last day to add: 09/07/18

WE	08/27/18	12/14/18	10:15AM	11:30AM	MWF	IT 108
WEL	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** M Pelle

## 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)

**37899** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	10:30AM	12:35PM	MW	IT 123
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** N Capps

## 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)

**37262** Last day to add: 09/07/18

WE	08/27/18	12/14/18	10:30AM	12:35PM	TTH	HUM 102
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Dobson

## 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)

**37263** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	10:30AM	12:35PM	TTH	IT 206
LAB	08/27/18	12/14/18				IT 121

The above section is designed for the Umoja Community. See the instructor and Umoja counselor before enrolling. The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** L Nelson

## 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)

**37268** Last day to add: 09/07/18

WE	08/27/18	12/14/18	10:30AM	12:35PM	TTH	WEQ W6B
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** A Elizalde

## 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)

**37848** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	10:30AM	12:35PM	TTH	IT 110
LAB	08/27/18	12/14/18				IT 121

The above section will have reading and writing assignments focusing on the Chicano experience and is designed for students in the Puente Program. Concurrent enrollment in GUI-48-38384 is required. See the instructor and a counselor before enrolling. This section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** N Morford

## 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)

**37916** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	10:30AM	12:35PM	TTH	IT 123
LAB	08/27/18	12/14/18				IT 121

This course is part of the First Year Experience (FYE). For information or to enroll email Justin.Mendez@norcollege.edu or Natalie.Aceves@norcollege.edu. The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** N Capps

## 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)

**37259** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	11:45AM	01:00PM	MWF	IT 110
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** Staff

## 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)

**37281** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:45AM	01:00PM	MWF	IT 206
WEL	08/27/18	12/14/18				IT 121

This course is part of the First Year Experience (FYE). For information or to enroll email Justin.Mendez@norcollege.edu or Natalie.Aceves@norcollege.edu. The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** D Mattson

## 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)

**37850** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	11:45AM	01:00PM	MWF	CACT 1
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** D Mills

## 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)

**37260** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	01:15PM	02:30PM	MWF	IT 108
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** Staff

## 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)

**37278** Last day to add: 09/07/18

WE	08/27/18	12/14/18	01:15PM	02:30PM	MWF	IT 110
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** R Mansikka

## 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)

**37290** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	01:15PM	02:30PM	MWF	HUM 102
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** E Harmer



## 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)

**37293** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	01:15PM	02:30PM	MWF	IT 206
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** Staff

## 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)

**37280** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	04:05PM	MW	CACT 1
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** A Elizalde

## 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)

**37273** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	04:05PM	TTH	IT 123
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** E Robles

## 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)

**37277** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	04:05PM	TTH	ST 108
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** A Elizalde

## 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)

**37849** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	02:00PM	04:05PM	TTH	IT 111
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Reed

## 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)

**37270** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:45PM	04:00PM	MWF	IT 110
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** R Mansikka

## 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)

**37286** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:45PM	04:00PM	MWF	ST 108
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** E Harmer

## 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)

**37963** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	02:45PM	04:50PM	MW	
LAB	08/27/18	12/14/18	05:00PM	05:50PM	M	

**Instructor:** S Hicks

## 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)

**37959** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	03:00PM	05:05PM	MW	ERHS B211
HYBO	08/27/18	12/14/18				ON LINE
HYBLO	08/27/18	12/14/18				ON LINE

The above section is restricted to Eleanor Roosevelt High School students only.

**Instructor:** C Brownell

## 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)

**37285** Last day to add: 09/07/18

WE	08/27/18	12/14/18	03:00PM	05:05PM	TTH	ERHS B203
WEL	08/27/18	12/14/18	05:15PM	06:05PM	TH	ERHS B203

The above section is restricted to Eleanor Roosevelt High School students only.

**Instructor:** J Hicks

## 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)

**37962** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	03:00PM	05:05PM	TTH	
LAB	08/27/18	12/14/18	05:15PM	06:05PM	TH	

**Instructor:** S Hicks

## 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)

**37271** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	06:20PM	MW	IT 108
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Watson

## 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)

**37279** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	06:20PM	MW	CACT 1
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** A Elizalde

## 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)

**37282** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	06:20PM	MW	IT 206
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** A Perez

## 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)

**37257** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	04:15PM	06:20PM	TTH	ST 108
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** A Elizalde

## 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)

**37264** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	06:20PM	TTH	IT 111
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Gianunzio

## 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)

**37272** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	06:20PM	TTH	CACT 1
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** E Robles

## 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)

**37292** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	04:15PM	06:20PM	TTH	JFK 104
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Reed

## 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)

**37265** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	08:35PM	MW	ST 108
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Watson

## 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)

**37274** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	08:35PM	MW	IT 111
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** T Okamoto

## 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)

**37275** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	08:35PM	MW	CACT 1
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** A Perez

## 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)

**37266** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	08:35PM	TTH	ST 108
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Gianunzio

## 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)

**37269** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	08:35PM	TTH	IT 108
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** S Tkach

## ENG-1AH Honors English Composition

4 UNITS

**Prerequisite:** ENG-50 or ENG-80 or qualifying placement level Limitation on enrollment: Enrollment in the Honors Program

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. This Honors course offers an enriched experience for accelerated students through limited class size; seminar format; focus on primary texts; and application of higher level critical thinking skills. Students may not receive credit for both ENG-1A and ENG-1AH. Classroom instruction integrates writing lab activities. 72 hours lecture and 18 hours laboratory. (TBA option)

**37296** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	10:30AM	12:35PM	TTH	IT 108
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** D Mills



## 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)

37297

**Last day to add: 10/30/18**

OL 10/22/18 12/14/18

ON LINE

OLL 10/22/18 12/14/18

ON LINE

The above section is a short term online class. Students are required to register for ENG-1A-37284 and ENG-1B-37297 during this semester. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.

**Instructor:** D Samson

## 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)

37934

**Last day to add: 09/06/18**

OL 08/27/18 10/27/18

ON LINE

OLL 08/27/18 10/27/18

ON LINE

The above section is a short term online class. Students are required to register for ENG-1A-37284 and ENG-1B-37297 during this semester. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.

**Instructor:** D Samson

## 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)

37305

**Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 11:45AM 01:00PM MWF IT 108

LAB 08/27/18 12/14/18

IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** R Marsh

## 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)

37311

**Last day to add: 09/07/18**

WE 08/27/18 12/14/18 12:30PM 02:35PM MW ST 108

WEL 08/27/18 12/14/18

IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** D Reade

## 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)

37303

**Last day to add: 09/07/18**

WE 08/27/18 12/14/18 02:00PM 04:05PM TTH IT 110

WEL 08/27/18 12/14/18

IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** Staff

## 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)

37300

**Last day to add: 09/07/18**

WE 08/27/18 12/14/18 02:45PM 04:00PM MWF IT 111

WEL 08/27/18 12/14/18

IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** L Hernandez

## 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)

**37304** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	02:45PM	04:00PM	MWF	IT 108
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** R Marsh

## 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)

**37299** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	06:20PM	MW	IT 110
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** T Wallace

## 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)

**37309** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	04:15PM	06:20PM	MW	HUM 102
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** M Muldoon

## 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)

**37312** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	05:30PM	MWF	IT 111
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** L Hernandez

## 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)

**37306** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	04:15PM	06:20PM	TTH	JFK 116
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** E Wagner

## 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)

**37307** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	06:20PM	TTH	IT 206
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Lovell

## 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)

**37935** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	06:20PM	TTH	JFK 117
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** Staff

## 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)

**37302** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	08:35PM	MW	IT 108
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** T Wallace

## 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)

**37310** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	06:30PM	08:35PM	MW	HUM 102
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** M Muldoon

## 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)

**37298** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	06:30PM	08:35PM	TTH	JFK 116
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** E Wagner

## 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)

**37308** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	08:35PM	TTH	IT 206
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Lovell

## ENG-1BH Honors Critical Thinking and Writing

4 UNITS

**Prerequisite:** ENG-1A or ENG-1AH Limitation on enrollment: Enrollment in the Honors Program

Description: Building on the rhetorical skills learned in ENG 1A or 1AH, 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. This honors course offers an enriched experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher level critical thinking skills. Students may not receive credit for both ENG-1B and ENG-1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

**37313** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:45AM	10:50AM	MW	IT 208
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** D Reade

## ENG-8 Introduction to Mythology 3 UNITS

**Prerequisite:** None

**Advisory:** ENG-1B or ENG-1BH and REA-83

Description: A study of Greco-Roman and other mythological traditions. Emphasizes the historical sources and cultural functions of myths and legends in ancient societies and their continuing relevance to modern thought and culture. 54 hours lecture.

**37847** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 08:45AM 10:10AM TTH IT 123

**Instructor:** D Reade

## ENG-11 Creative Writing 3 UNITS

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

Description: Studies in fundamental principles and practice of writing fiction and poetry. Lectures and discussions emphasize analysis of professional examples of creative writing and study of creative writing theory. In-class workshops provide practice in creative writing techniques. In-class and out-of-class writing assignments provide practice in writing techniques and in peer- and self-analysis. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)

**37252** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:00PM 03:25PM TTH IT 108

**Instructor:** D Mills

## ENG-20 Survey of African American Literature 3 UNITS

**Prerequisite:** None

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

Description: A survey of African American literature from the early oral tradition to the present, including a comprehensive exposure to African American prose, poetry, and fiction as well as a basic understanding of the cultural, intellectual, and artistic trends of African American culture and the relationship to contemporary literature. Students who have taken both ENG-21 and ENG-22 may not receive credit for ENG-20. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37970** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 05:30PM 08:40PM M CRC CRCL609A

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

## ENG-35 Images of Women in Literature 3 UNITS

**Prerequisite:** None

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

Description: A study of images of women in literature which includes male and female authors and explores the cultural, sociological, political, and economic bases for historical and contemporary literary images of women. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)

**37853** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW IT 123

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

**Instructor:** A Moore

## ENG-40 World Literature I: From Ancient Literatures to the Seventeenth Century 3 UNITS

**Prerequisite:** ENG-50 or ENG-80 or eligibility for ENG-1A

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

Description: Significant works of world literature from Ancient literatures to the Seventeenth Century, including a comprehensive exposure to the poetic, dramatic, and prose forms of early cultures as well as a basic understanding of the cultural, intellectual, and artistic trends these works embody. Primary emphasis is on literature in translation. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)

**37844** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM MW ST 108

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

**Instructor:** A Moore

## ENG-48 Short Story and Novel from the Twentieth Century to the Present 3 UNITS

**Prerequisite:** None

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

Description: A study of prose fiction from the twentieth century to the present, with an emphasis on writers of international standing whose work embodies significant formal developments and thematic concerns of prose narrative in the last century. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37845** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:40PM 04:05PM MW IT 123

**Instructor:** D Reade

## ENG-50 Basic English Composition 4 UNITS

**Prerequisite:** ENG-70 or ENG-60B or ESL-55

**Advisory:** REA-82 or qualifying placement level

Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

**37324** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 08:15AM 10:20AM T CACT 1

HYBO 08/27/18 12/14/18 ON LINE

HYBLO 08/27/18 12/14/18 ON LINE

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:** C Miter



## ENG-50 Basic English Composition

4 UNITS

**Prerequisite:** ENG-70 or ENG-60B or ESL-55

**Advisory:** REA-82 or qualifying placement level

Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

**37317** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	08:15AM	10:20AM	TH	CACT 1
HYBO	08/27/18	12/14/18				ON LINE
HYBLO	08/27/18	12/14/18				ON LINE

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:** C Miter

## ENG-50 Basic English Composition

4 UNITS

**Prerequisite:** ENG-70 or ENG-60B or ESL-55

**Advisory:** REA-82 or qualifying placement level

Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

**37325** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	10:30AM	12:35PM	T	CACT 1
HYBO	08/27/18	12/14/18				ON LINE
HYBLO	08/27/18	12/14/18				ON LINE

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:** C Miter

## ENG-50 Basic English Composition

4 UNITS

**Prerequisite:** ENG-70 or ENG-60B or ESL-55

**Advisory:** REA-82 or qualifying placement level

Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

**37326** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	10:30AM	12:35PM	TH	CACT 1
HYBO	08/27/18	12/14/18				ON LINE
HYBLO	08/27/18	12/14/18				ON LINE

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:** C Miter

## ENG-50 Basic English Composition

4 UNITS

**Prerequisite:** ENG-70 or ENG-60B or ESL-55

**Advisory:** REA-82 or qualifying placement level

Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

**37315** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	06:20PM	TTH	IT 110
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Hill

## ENG-50 Basic English Composition

4 UNITS

**Prerequisite:** ENG-70 or ENG-60B or ESL-55

**Advisory:** REA-82 or qualifying placement level

Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

**37321** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	04:15PM	06:20PM	TTH	IT 108
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** S Tkach

## ENG-50 Basic English Composition

4 UNITS

**Prerequisite:** ENG-70 or ENG-60B or ESL-55

**Advisory:** REA-82 or qualifying placement level

Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

**37328** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	08:35PM	TTH	IT 110
WEL	08/27/18	12/14/18				IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** J Hill

## ENG-80 Preparatory Composition

6 UNITS

**Prerequisite:** None

Description: Accelerated preparation for English Composition (ENG 1A), this course offers intensive instruction in the academic reading, reasoning, and writing expected in transfer and associate-degree courses. Students will read college-level texts and write a minimum of 10,000 words. Classroom instruction is supplemented by writing lab activities. 108 hours lecture and 18 hours laboratory. (TBA option) (Non-degree credit course.)

**37340** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	08:45AM	10:05AM	MTWTH	ST 108
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times. This section is taught with a thematic approach to the course: Motivation and Human Psychology For additional information, please email Tami Comstock at Tami.Comstock@norcolleage.edu.

**Instructor:** T Comstock

## ENG-80 Preparatory Composition

6 UNITS

**Prerequisite:** None

Description: Accelerated preparation for English Composition (ENG 1A), this course offers intensive instruction in the academic reading, reasoning, and writing expected in transfer and associate-degree courses. Students will read college-level texts and write a minimum of 10,000 words. Classroom instruction is supplemented by writing lab activities. 108 hours lecture and 18 hours laboratory. (TBA option) (Non-degree credit course.)

**37341** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	09:20AM	12:30PM	MW	IT 111
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** D Chaffin

## ENG-80 Preparatory Composition

6 UNITS

**Prerequisite:** None

Description: Accelerated preparation for English Composition (ENG 1A), this course offers intensive instruction in the academic reading, reasoning, and writing expected in transfer and associate-degree courses. Students will read college-level texts and write a minimum of 10,000 words. Classroom instruction is supplemented by writing lab activities. 108 hours lecture and 18 hours laboratory. (TBA option) (Non-degree credit course.)

**37339** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	10:15AM	11:40AM	MTWTH	ST 108
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times. This section is taught with a thematic approach to the course: Motivation and Human Psychology For additional information, please email Tami Comstock at Tami.Comstock@norcolleage.edu.

**Instructor:** T Comstock

## ENG-85 Writing Clinic (English)

0.50 UNITS

**Prerequisite:** None.

Description: A self-paced, open-entry/open-exit, Writing and Reading Center-based modular course designed for those who need concentrated attention in various areas of grammar, punctuation, and composition.(Non-degree credit course. Pass-No Pass only.)

**37975** Last day to add: 12/07/18

LAB	09/01/18	12/07/18	11:00AM	01:05PM	F	LIBR LRC
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**Instructor:** K Anderson

## ENG-85 Writing Clinic (English)

0.50 UNITS

**Prerequisite:** None.

Description: A self-paced, open-entry/open-exit, Writing and Reading Center-based modular course designed for those who need concentrated attention in various areas of grammar, punctuation, and composition.(Non-degree credit course. Pass-No Pass only.)

**37974** Last day to add: 12/06/18

LAB	09/11/18	12/06/18	11:50AM	12:50PM	TTH	LIBR LRC
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**Instructor:** K Anderson

## ENG-91 Academic Support for English 1

2 UNITS

**Prerequisite:** None

**Corequisite:** ENG-1A

Description: Limited to students concurrently enrolled in the co-requisite English 1A class, English 91 provides students with additional support for college-level English. This 2-unit class offers additional instruction and practice in reading strategies, writing process, sentence craft, metacognitive reflection, and college success skills. 36 hours lecture. (Non-degree credit course. Pass/No Pass only.)

**37907** Last day to add: 09/14/18

WE	08/27/18	12/05/18	10:10AM	11:15AM	MW	CACT 1
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ENG 91 is a support course for students who did not receive direct placement into ENG 1A but who believe they are ready to take ENG 1A with extra support. This section of ENG 91 (2 units) must be taken simultaneously with ENG 1A-37852 (4 units) for a total of 6 units. When you enroll in this class, you are agreeing that you are also enrolling in ENG 1A-37852. Be sure to block out the times for ENG 1A-37852 so that you do not accidentally register for another class at that time. These courses are part of the First Year Experience (FYE). For information or to enroll email Justin.Mendez@norcolleage.edu or Natalie.Aceves@norcolleage.edu. In addition to the time spent in the above classes, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** D Mattson

## ENG-91 Academic Support for English 1

2 UNITS

**Prerequisite:** None

**Corequisite:** ENG-1A

Description: Limited to students concurrently enrolled in the co-requisite English 1A class, English 91 provides students with additional support for college-level English. This 2-unit class offers additional instruction and practice in reading strategies, writing process, sentence craft, metacognitive reflection, and college success skills. 36 hours lecture. (Non-degree credit course. Pass/No Pass only.)

**37909**

**Last day to add: 09/14/18**

LEC 08/27/18 12/05/18 10:15AM 11:05AM MW IT206

ENG 91 is a support course for students who did not receive direct placement into ENG 1A but who believe they are ready to take ENG 1A with extra support. This section of ENG 91 (2 units) must be taken simultaneously with ENG 1A-37850 (4 units) for a total of 6 units. When you enroll in this class, you are agreeing that you are also enrolling in ENG 1A-37850. Be sure to block out the times for ENG 1A-37850 so that you do not accidentally register for another class at that time. These courses are part of the First Year Experience (FYE). For information or to enroll email Justin.Mendez@norcolleage.edu or Natalie.Aceves@norcolleage.edu. In addition to the time spent in the above classes, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** D Mills

## ENG-91 Academic Support for English 1

2 UNITS

**Prerequisite:** None

**Corequisite:** ENG-1A

Description: Limited to students concurrently enrolled in the co-requisite English 1A class, English 91 provides students with additional support for college-level English. This 2-unit class offers additional instruction and practice in reading strategies, writing process, sentence craft, metacognitive reflection, and college success skills. 36 hours lecture. (Non-degree credit course. Pass/No Pass only.)

**37968**

**Last day to add: 09/14/18**

LEC 08/27/18 12/05/18 10:15AM 11:05AM MW CRC CRCL609A

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

## ENG-91 Academic Support for English 1

2 UNITS

**Prerequisite:** None

**Corequisite:** ENG-1A

Description: Limited to students concurrently enrolled in the co-requisite English 1A class, English 91 provides students with additional support for college-level English. This 2-unit class offers additional instruction and practice in reading strategies, writing process, sentence craft, metacognitive reflection, and college success skills. 36 hours lecture. (Non-degree credit course. Pass/No Pass only.)

**37913**

**Last day to add: 09/14/18**

LEC 08/27/18 12/05/18 10:30AM 11:35AM MW CRC CRCU

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 Dobson

## ENG-91 Academic Support for English 1

2 UNITS

**Prerequisite:** None

**Corequisite:** ENG-1A

Description: Limited to students concurrently enrolled in the co-requisite English 1A class, English 91 provides students with additional support for college-level English. This 2-unit class offers additional instruction and practice in reading strategies, writing process, sentence craft, metacognitive reflection, and college success skills. 36 hours lecture. (Non-degree credit course. Pass/No Pass only.)

**37908**

**Last day to add: 09/10/18**

WE 08/28/18 12/06/18 12:00PM 01:05PM TTH IT 111

ENG 91 is a support course for students who did not receive direct placement into ENG 1A but who believe they are ready to take ENG 1A with extra support. This section of ENG 91 (2 units) must be taken simultaneously with ENG 1A-37267 (4 units) for a total of 6 units. When you enroll in this class, you are agreeing that you are also enrolling in ENG 1A-37267. Be sure to block out the times for ENG 1A-37267 so that you do not accidentally register for another class at that time. These courses are part of the First Year Experience (FYE). For information or to enroll email Justin.Mendez@norcolleage.edu or Natalie.Aceves@norcolleage.edu. In addition to the time spent in the above classes, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** R Hitch

## ENG-91 Academic Support for English 1

2 UNITS

**Prerequisite:** None

**Corequisite:** ENG-1A

Description: Limited to students concurrently enrolled in the co-requisite English 1A class, English 91 provides students with additional support for college-level English. This 2-unit class offers additional instruction and practice in reading strategies, writing process, sentence craft, metacognitive reflection, and college success skills. 36 hours lecture. (Non-degree credit course. Pass/No Pass only.)

**37910**

**Last day to add: 09/14/18**

LEC 08/27/18 12/05/18 01:00PM 02:05PM MW LIBR 110

ENG 91 is a support course for students who did not receive direct placement into ENG 1A but who believe they are ready to take ENG 1A with extra support. This section of ENG 91 (2 units) must be taken simultaneously with ENG 1A-37899 (4 units) for a total of 6 units. When you enroll in this class, you are agreeing that you are also enrolling in ENG 1A-37899. Be sure to block out the times for ENG 1A-37899 so that you do not accidentally register for another class at that time. These courses are part of the First Year Experience (FYE). For information or to enroll email Justin.Mendez@norcolleage.edu or Natalie.Aceves@norcolleage.edu. In addition to the time spent in the above classes, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** Staff

## ENG-91 Academic Support for English 1

2 UNITS

**Prerequisite:** None

**Corequisite:** ENG-1A

Description: Limited to students concurrently enrolled in the co-requisite English 1A class, English 91 provides students with additional support for college-level English. This 2-unit class offers additional instruction and practice in reading strategies, writing process, sentence craft, metacognitive reflection, and college success skills. 36 hours lecture. (Non-degree credit course. Pass/No Pass only.)

**37911** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:00PM 04:05PM T IT 206

**Instructor:** L Nelson

## ENG-91 Academic Support for English 1

2 UNITS

**Prerequisite:** None

**Corequisite:** ENG-1A

Description: Limited to students concurrently enrolled in the co-requisite English 1A class, English 91 provides students with additional support for college-level English. This 2-unit class offers additional instruction and practice in reading strategies, writing process, sentence craft, metacognitive reflection, and college success skills. 36 hours lecture. (Non-degree credit course. Pass/No Pass only.)

**37912** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:00PM 04:05PM TH IT 206

**Instructor:** A Moore

## 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,

## ESL-51 Basic Writing and Grammar

4 UNITS

**Prerequisite:** None

Description: Emphasizes elementary competency in standard written English with a focus on basic writing and grammar skills. Instruction will also include vocabulary and reading skills necessary for success in basic English as a Second Language courses. 72 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)

**37346** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:30PM 08:35PM TTH IT 211

LAB 08/27/18 12/14/18 08:45PM 09:35PM TH IT 211

Designated laboratory hours are included in the meeting times for this class.

**Instructor:** L Tougas

## ESL-52 Low-intermediate Writing and Grammar 4 UNITS

**Prerequisite:** ESL-51 or Qualifying placement level on a state-approved placement instrument

Description: Develops competency in standard written English with a continued focus on basic writing and grammar skills. Instruction includes vocabulary and reading skills necessary for success in low-intermediate English as a Second Language courses. 72 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)

**37347** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 10:40AM 12:45PM TTH IT 211

LAB 08/27/18 12/14/18 09:40AM 10:30AM T IT 211

Designated laboratory hours are included in the meeting times for this class.

**Instructor:** M Shirinian

## ESL-53 Intermediate Writing and Grammar 4 UNITS

**Prerequisite:** Qualifying placement level on a state-approved placement instrument or ESL-52

Description: Increases competency in standard written English with a focus on intermediate and writing grammar skills. Instruction includes vocabulary and reading skills necessary for success in intermediate English as a Second Language courses. 72 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)

**37348** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:30PM 08:35PM MW IT 110

LAB 08/27/18 12/14/18 08:45PM 09:35PM W IT 110

Designated laboratory hours are included in the meeting times for this class.

**Instructor:** D Tougas

## ESL-54 High-intermediate Writing and Grammar 5 UNITS

**Prerequisite:** Qualifying placement level on a state-approved placement instrument or ESL-53

Description: Emphasizes competency in standard written English with a focus on high-intermediate grammar and writing skills. Instruction includes an intensive review of vocabulary and reading skills necessary for success in high-intermediate English as a Second Language courses. 90 hours lecture and 18 hours laboratory. (Degree credit course. Letter Grade, or Pass/No Pass Option.)

**37349** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:10AM 10:45AM MWF IT 211

LAB 08/27/18 12/14/18 IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** M Shirinian



## ESL-55 **Advanced Writing and Grammar** 5 UNITS

**Prerequisite:** Qualifying placement level on a state-approved placement instrument or ESL-54

Description: Emphasizes competency in standard written English with a focus on developing paragraphs and essays in preparation for English composition classes. Instruction includes continued development of vocabulary, reading and academic skills necessary for success in college classes. 90 hours lecture and 18 hours laboratory. (Degree credit course. Letter Grade, or Pass/No Pass Option.)

**37350** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	10:55AM	12:30PM	MWF	IT 211
LAB	08/27/18	12/14/18				IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

**Instructor:** M Shirinian

## ESL-92 **Oral Skills II: Intermediate Oral Communication** 3 UNITS

**Prerequisite:** None

**Advisory:** ESL-91 and concurrent enrollment in ESL 53 or 54

Description: This course develops intermediate conversation, pronunciation, idiomatic and aural comprehension skills. It is intended for non-native speakers of English who can make themselves understood but are not yet proficient in self-expression. Conversational and idiomatic skills focus on fluent and appropriate use of oral communication skills in a variety of social, business and/or academic situations. Pronunciation focuses on clearer articulation of English vowels and consonants and on increased control of the stress, intonation and rhythm of English. Listening comprehension stresses understanding verbal instructions and questions on campus and in the workplace. Students continue to learn appropriate verbal and non-verbal behavior as well as conversation management techniques to exchange ideas in small and large group communication. 54 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)

**37820** Last day to add: 09/07/18

LEC	08/27/18	12/14/18	08:00AM	09:25AM	TTH	IT 211
LAB	08/27/18	12/14/18	09:25AM	10:25AM	TH	IT 211

Designated laboratory hours are included in the meeting times for this class.

**Instructor:** M Shirinian

## FRENCH

### ENROLLMENT GUIDELINES FRENCH

1. If you have taken French 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 French outside of a formal educational institution, you must file a matriculation appeals petition in order to enroll above level 1.

## FRE-1 **French 1** 5 UNITS

**Prerequisite:** None.

Description: Develops basic skills in understanding, reading, communicating and writing in French.

**37352** Last day to add: 09/07/18

WE	08/27/18	12/14/18	03:00PM	05:05PM	W	LIBR 121
WE2	08/27/18	12/14/18	03:00PM	06:10PM	M	LIBR 109
WEL	08/27/18	12/14/18	05:10PM	06:00PM	W	LIBR 121

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

**Instructor:** L Thach

## FRE-1 **French 1** 5 UNITS

**Prerequisite:** None.

Description: Develops basic skills in understanding, reading, communicating and writing in French.

**37353** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	09:10PM	TH	LIBR 109
WE2	08/27/18	12/14/18	06:00PM	08:05PM	T	LIBR 121
WEL	08/27/18	12/14/18	08:10PM	09:00PM	T	LIBR 121

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

**Instructor:** A Smith

## FRE-2 **French 2** 5 UNITS

**Prerequisite:** FRE-1

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 French at the beginning level. This course includes an expanded discussion of French culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)

**37925** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:45AM	01:50PM	M	LIBR 121
WE2	08/27/18	12/14/18	11:45AM	02:55PM	W	LIBR 109
WEL	08/27/18	12/14/18	01:55PM	02:45PM	M	LIBR 121

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

**Instructor:** D Hitchcock

## FRE-8 Intermediate Conversation 3 UNITS

**Prerequisite:** FRE-2

Description: Intermediate-level vocabulary building and improvement of speaking proficiency in the context of French culture, daily life, and topics of current interest. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37865** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 11:10AM F LIBR 109

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

**Instructor:** L Thach

## 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.

**37355** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:10AM 12:35PM TTH ATEC 118

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

**Instructor:** J Coverdale

### 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.

**37354** Last day to add: 09/07/18

WE 08/27/18 12/14/18 01:00PM 02:25PM MW STEM 115

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

**Instructor:** J Coverdale

### GAM-22 Game Design Principles 4 UNITS

**Prerequisite:** None

Description: An introduction to the fundamental techniques, concepts, and vocabulary of game design. Students will design original non-digital prototypes and games, using iteration and playtesting best practices. Topics include formal elements of games, mechanics and dynamics, decision-making, flow states and player psychology, the MDA Framework, the iterative process, and rapid prototyping. 54 hours lecture and 54 hours laboratory.

**37356** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

OLL 08/27/18 12/14/18 ON LINE

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

### GAM-22 Game Design Principles 4 UNITS

**Prerequisite:** None

Description: An introduction to the fundamental techniques, concepts, and vocabulary of game design. Students will design original non-digital prototypes and games, using iteration and playtesting best practices. Topics include formal elements of games, mechanics and dynamics, decision-making, flow states and player psychology, the MDA Framework, the iterative process, and rapid prototyping. 54 hours lecture and 54 hours laboratory.

**37357** Last day to add: 09/07/18

HYBO 08/27/18 12/14/18 ON LINE

HYBL 08/27/18 12/14/18 09:35AM 12:45PM W STEM 115

The above section is a hybrid class and has an 54-hour lecture to be completed online.

Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** J Perry

### GAM-24 Video Game Prototyping 4 UNITS

**Prerequisite:** CIS/CSC-5 or GAM-50 or CIS-50

Description: An introduction to the fundamentals of computer game prototyping with an emphasis on scripting. Students will create mockup environments and objects of interest using placeholder assets, apply game rules and interactivity, and demonstrate previsualized game concepts. Topics include layout, possibility space, content integration, scripting, team collaboration, and workflow. Students will create 3D computer game levels using one or more modern game engines. 54 hours lecture and 54 hours laboratory.

**37358** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:35PM 05:45PM M STEM 115

WEL 08/27/18 12/14/18 02:35PM 05:45PM W STEM 115

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 Ruiz

### GAM-33 Advanced Digital Sculpting 3 UNITS

**Prerequisite:** GAM-32

Description: Continued study to perfect character modeling techniques with advanced sculpting methods. This course concentrates on the production work flow of ZBrush to Maya and complete high end cinematic quality 3D models. The focus will be on high level detail and animation models. 54 hours lecture and 18 hours laboratory. (TBA option)

**37874** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:05AM 01:10PM T IT 125

WE2 08/27/18 12/14/18 11:05AM 12:00PM TH IT 125

WEL 08/27/18 12/14/18 12:00PM 12:55PM TH IT 125

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:** G Marquez

## 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.

**37914** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 08:00AM 09:25AM M STEM 115

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** J Finley

## 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.

**37875** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:00AM 10:25AM TTH STEM 115

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.

**37360** Last day to add: 09/07/18

WE 08/27/18 12/14/18 01:05PM 02:30PM TTH STEM 115

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

**Instructor:** Staff

## 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.

**37359** Last day to add: 09/07/18

WE 08/27/18 12/14/18 03:00PM 04:25PM MW ERHS B108

The above section is restricted to Eleanor Roosevelt High School students only.

**Instructor:** T Pryor

## 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.

**37939** Last day to add: 09/07/18

WE 08/27/18 12/14/18 03:00PM 04:25PM TTH

**Instructor:** T Pryor

## 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)

**37363** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

OLL 08/27/18 12/14/18 ON LINE

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-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)

**37364** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 08:00AM 09:25AM W STEM 115

HYBO 08/27/18 12/14/18 ON LINE

HYBLO 08/27/18 12/14/18 ON LINE

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 Finley

## GAM-70 Computer Skills for Game Art 2 UNITS

**Prerequisite:** None

Description: Introduction to fundamental computer concepts related to typical functions required of a game artist. Understanding computer navigation and peripherals used to input information which is unique to Game Design and Digital Media will be the focus. Standard file management, navigation, storage, and multiple backup techniques for files are taught as well as basic scanning techniques, appropriate use of internet resources, copyright issues and an introduction to graphic file formats. 18 hours lecture and 6 hours laboratory. (TBA option)

**37366** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:35PM 03:35PM T STEM 125

WEL 08/27/18 12/14/18 03:35PM 04:40PM T STEM 125

WEL2 08/27/18 12/14/18 02:35PM 04:40PM TH STEM 125

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:** T Dunipace

## GAM-71 Perspective for Game and Animation 3 UNITS

**Prerequisite:** GAM-80

Description: This is a perspective drawing class which focuses on creating believable environments, both interior and exterior, through the proper implementation of correct one point, two point and three point perspective while setting up a dynamic composition. Students learn to draw three-dimensional forms through observation and application of perspective principles. Students learn to conceptualize, create quick sketches and then focus on developing complete perspective drawings. 36 hours lecture and 54 hours laboratory.

**37882** Last day to add: 09/12/18

WE 09/01/18 12/08/18 09:00AM 11:20AM S ATEC 209

WEL 09/01/18 12/08/18 11:30AM 03:05PM S ATEC 209

The above section is a short term web enhanced class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** A Andreini

## 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)

**37368** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 09:25AM TTH IT 125

WEL 08/27/18 12/14/18 09:30AM 10:55AM TTH IT 125

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:** G Marquez

## 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)

**37367** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:40PM 05:50PM T STEM 115

WEL 08/27/18 12/14/18 02:40PM 05:50PM TH STEM 115

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 Bourbeau

## GAM-82 Game Rigging and Animation 4 UNITS

**Prerequisite:** GAM-81

Description: A course that teaches students how to prepare an animation rig accurately and anatomically in a 3D simulation environment. Prepare previously created humanoid and creature 3D models for an animation-ready state using professional production techniques. Applies classic animation principles to objects in a 3D environment. Introduces tools used for 3D animation as well as the best working practices for animating objects and characters. Applies real-life action sequences to characters. Topics include game cycle animation, weight, actions and personality for the character including advanced techniques with key frame animation including incorporating audio as well as dynamic animation to assist the character driven animation. 54 hours lecture and 54 hours laboratory. (TBA option)

**37878** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T STEM 125

WEL 08/27/18 12/14/18 06:00PM 09:10PM TH STEM 125

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:** 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.

**37372** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 08:00AM 09:25AM TTH ATEC 205

**Instructor:** S Justice

### 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.

**37371** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:15AM 10:40AM MW ATEC 114

**Instructor:** S Justice



## 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.

**37373** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:00AM 12:25PM MW ATEC 114

**Instructor:** E Ogbuchiekwe

## 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.

**37375** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 04:15PM 05:40PM TTH ATEC 205

**Instructor:** R Christov

## 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.

**37374** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:30PM 09:40PM M ATEC 205

**Instructor:** E Pephrah

## GEG-1H Honors Physical Geography

3 UNITS

**Prerequisite:** None Limitation on enrollment: Enrollment in the Honors Program.

Description: The interacting physical processes of air, water, land, and life which 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. The honors course offers an enriched experience for accelerated students by limited class size, seminar format, student generated and led discussions and projects, the application of higher level thinking, reading, and writing skills analysis, synthesis, and evaluation. Students may not receive credit for both GEG-1 and GEG-1H. 54 hours lecture.

**37376** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 12:45PM 02:10PM MW IT 208

**Instructor:** S Justice

## 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.

**37382** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 09:15AM 10:40AM MW ATEC 205

**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.

**37377** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 11:00AM 12:25PM MW ATEC 205

**Instructor:** S Justice

## 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.

**37378** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 11:15AM 12:40PM TTH ATEC 205

**Instructor:** S Justice

## 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.

**37379** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 12:45PM 02:10PM MW ATEC 205

**Instructor:** R Christov

## 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.

**37381** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 04:15PM 05:40PM MW ATEC 205

**Instructor:** R Christov

## 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.

**37380** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 06:30PM 09:40PM W ATEC 205

**Instructor:** E Peprah

## GEG-3 World Regional Geog 3 UNITS

**Prerequisite:** None.

Description: A study of major world regions, emphasizing current characteristics and issues including cultural, economic, political, and environmental conditions.

**37383** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:30PM 03:55PM MW ATEC 205

**Instructor:** S Justice

## GUIDANCE

### GUI-45 Introduction to College 1 UNIT

**Prerequisite:** None

Description: Guidance 45 is designed to introduce academic and occupational programs, college resources and personal factors that contribute to success as a college student. This course includes an extensive exploration of Riverside Community College District resources and policies, orientation to college life, student rights and responsibilities, as well as certificates, graduation and transfer requirements. Students will prepare a Student Educational Plan (S.E.P.). Outcomes of higher education will be discussed through the exploration and application of sociological and psychological principles that lead to success in college and in accomplishing goals. As a result of class activities and exploration of factors influencing educational decisions, class members will be able to utilize the information obtained in class to contribute to their college success. 18 hours lecture. (Pass/No Pass only.)

**37965** Last day to add: 09/10/18

LEC 08/30/18 11/29/18 07:20AM 08:35AM TH

The above section is restricted to Jurupa Valley High School students only.

**Instructor:** Staff

### GUI-45 Introduction to College 1 UNIT

**Prerequisite:** None

Description: Guidance 45 is designed to introduce academic and occupational programs, college resources and personal factors that contribute to success as a college student. This course includes an extensive exploration of Riverside Community College District resources and policies, orientation to college life, student rights and responsibilities, as well as certificates, graduation and transfer requirements. Students will prepare a Student Educational Plan (S.E.P.). Outcomes of higher education will be discussed through the exploration and application of sociological and psychological principles that lead to success in college and in accomplishing goals. As a result of class activities and exploration of factors influencing educational decisions, class members will be able to utilize the information obtained in class to contribute to their college success. 18 hours lecture. (Pass/No Pass only.)

**37384** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 07:30AM 08:20AM W ERHS B206

The above section is restricted to Eleanor Roosevelt High School students only.

**Instructor:** L Martin

### GUI-45 Introduction to College 1 UNIT

**Prerequisite:** None

Description: Guidance 45 is designed to introduce academic and occupational programs, college resources and personal factors that contribute to success as a college student. This course includes an extensive exploration of Riverside Community College District resources and policies, orientation to college life, student rights and responsibilities, as well as certificates, graduation and transfer requirements. Students will prepare a Student Educational Plan (S.E.P.). Outcomes of higher education will be discussed through the exploration and application of sociological and psychological principles that lead to success in college and in accomplishing goals. As a result of class activities and exploration of factors influencing educational decisions, class members will be able to utilize the information obtained in class to contribute to their college success. 18 hours lecture. (Pass/No Pass only.)

**37386** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 07:30AM 08:20AM W ERHS B208

The above section is restricted to Eleanor Roosevelt High School students only.

**Instructor:** Staff

### GUI-45 Introduction to College 1 UNIT

**Prerequisite:** None

Description: Guidance 45 is designed to introduce academic and occupational programs, college resources and personal factors that contribute to success as a college student. This course includes an extensive exploration of Riverside Community College District resources and policies, orientation to college life, student rights and responsibilities, as well as certificates, graduation and transfer requirements. Students will prepare a Student Educational Plan (S.E.P.). Outcomes of higher education will be discussed through the exploration and application of sociological and psychological principles that lead to success in college and in accomplishing goals. As a result of class activities and exploration of factors influencing educational decisions, class members will be able to utilize the information obtained in class to contribute to their college success. 18 hours lecture. (Pass/No Pass only.)

**37964** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 08:00AM 08:50AM W

The above section is restricted to Centennial high school students only.

**Instructor:** Staff

### GUI-45 Introduction to College 1 UNIT

**Prerequisite:** None

Description: Guidance 45 is designed to introduce academic and occupational programs, college resources and personal factors that contribute to success as a college student. This course includes an extensive exploration of Riverside Community College District resources and policies, orientation to college life, student rights and responsibilities, as well as certificates, graduation and transfer requirements. Students will prepare a Student Educational Plan (S.E.P.). Outcomes of higher education will be discussed through the exploration and application of sociological and psychological principles that lead to success in college and in accomplishing goals. As a result of class activities and exploration of factors influencing educational decisions, class members will be able to utilize the information obtained in class to contribute to their college success. 18 hours lecture. (Pass/No Pass only.)

**37385** Last day to add: 09/04/18

LEC 08/31/18 10/19/18 09:30AM 11:50AM F STEM 302

This above section is a short term class. Please note the start and end date

**Instructor:** Staff

## GUI-45 Introduction to College

1 UNIT

**Prerequisite:** None

Description: Guidance 45 is designed to introduce academic and occupational programs, college resources and personal factors that contribute to success as a college student. This course includes an extensive exploration of Riverside Community College District resources and policies, orientation to college life, student rights and responsibilities, as well as certificates, graduation and transfer requirements. Students will prepare a Student Educational Plan (S.E.P.). Outcomes of higher education will be discussed through the exploration and application of sociological and psychological principles that lead to success in college and in accomplishing goals. As a result of class activities and exploration of factors influencing educational decisions, class members will be able to utilize the information obtained in class to contribute to their college success. 18 hours lecture. (Pass/No Pass only.)

**37966** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 01:45PM 02:35PM T

The above section is restricted to La Sierra High School students only.

**Instructor:** J Frith

## GUI-45 Introduction to College

1 UNIT

**Prerequisite:** None

Description: Guidance 45 is designed to introduce academic and occupational programs, college resources and personal factors that contribute to success as a college student. This course includes an extensive exploration of Riverside Community College District resources and policies, orientation to college life, student rights and responsibilities, as well as certificates, graduation and transfer requirements. Students will prepare a Student Educational Plan (S.E.P.). Outcomes of higher education will be discussed through the exploration and application of sociological and psychological principles that lead to success in college and in accomplishing goals. As a result of class activities and exploration of factors influencing educational decisions, class members will be able to utilize the information obtained in class to contribute to their college success. 18 hours lecture. (Pass/No Pass only.)

**37973** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:30PM 04:20PM W

The above section is restricted to Norco High School Students only.

**Instructor:** Staff

## GUI-46 Intro Transfer Process

1 UNIT

**Prerequisite:** None.

Description: Survey of transfer requirements with hands-on activities through the application process for students transferring to four-year institutions.

**37387** Last day to add: 10/30/18

LEC 10/26/18 12/14/18 11:50AM 12:55PM F ST 108

10/26/18 12/14/18 ON LINE

The above section is a short term hybrid class. Computer with Internet access required. Please note the start and end dates. See [www.opencampus.com](http://www.opencampus.com).

**Instructor:** Staff

## GUI-46 Intro Transfer Process

1 UNIT

**Prerequisite:** None.

Description: Survey of transfer requirements with hands-on activities through the application process for students transferring to four-year institutions.

**37388** Last day to add: 09/01/18

HYB 08/28/18 10/16/18 02:00PM 02:50PM T IT 127

HYBLO 08/28/18 10/16/18 ON LINE

The above section is a short term hybrid class. Internet access is required. Please note the start and end date.

**Instructor:** M Iliscupidez

## 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.

**37389** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** Staff

## 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.

**37937** Last day to add:

OL 08/27/18 12/14/18 ON LINE

The above section is an ONLINE Class. Computer with ONLINE internet access required.

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

**Instructor:** J Rubino

## 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.

**37944** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 08:05AM 09:30AM TTH IT 208

**Instructor:** S Alcala

## 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.

**37943** Last day to add: 09/14/18

LEC 08/27/18 12/14/18 09:05AM 10:30AM MW HUM 102

**Instructor:** Staff

## 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.

**37392** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:15AM 10:40AM MW IT 127

The above section is a web-enhanced class. Internet access is required. This course will include training and information required for NCAA Athletes.

**Instructor:** J Midgett

## 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.

**37898** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:35AM 11:00AM TTH JFK 106

This above section is restricted to JFK High School students only. The above section is a web-enhanced class.

**Instructor:** E Spurbeck

## 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.

**37942** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:45AM 11:10AM TTH IT 106

**Instructor:** C Beirne

## 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.

**37395** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 10:30AM 01:40PM F IT 209

**Instructor:** Staff



## 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.

**37396** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:00AM 12:25PM MW IT 127

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

**Instructor:** Staff

## 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.

**37941** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 01:00PM 02:25PM MW IT 106

**Instructor:** Staff

## 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.

**37390** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:30PM 03:55PM MW IT 127

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

**Instructor:** J Moore

## 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.

**37394** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM W IT 208

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

**Instructor:** Staff

## 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.

**37391** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:30PM 09:40PM T IT 208

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

**Instructor:** G Curasi

## 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.

**37393** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:30PM 09:40PM TH IT 208

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

**Instructor:** C Beirne

# NORCO COLLEGE

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37951 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 08:00AM 09:05AM TTH ATEC 204

**Instructor:** Staff

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37400 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 08:15AM 10:20AM T IT 110

The above section is designed for students in the Puente Program with special emphasis on Latino culture and requires concurrent enrollment in ENG-1A 37848 Puente Counselor prior to enrolling.

**Instructor:** M Jurado Martinez

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37403 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 09:00AM 11:05AM MW CRC CRCU

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 Titterud

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37950 Last day to add: 09/14/18**

LEC 08/27/18 12/05/18 09:00AM 10:05AM MW IT 123

**Instructor:** Staff

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37953 Last day to add: 09/14/18**

LEC 08/27/18 12/05/18 09:00AM 10:05AM MW IT 108

**Instructor:** Staff

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37399 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 11:15AM 12:05PM T IT 106

08/27/18 12/14/18 11:15AM 12:20PM TH IT 106

The above section is designed for the Umoja Community. Students are required to register for ENG-1A-37287 during this semester. Please see the Umoja Counselor in the Counseling Department prior to enrolling.

**Instructor:** Staff

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37952 Last day to add: 09/14/18**

LEC 08/27/18 12/05/18 11:30AM 12:35PM MW CACT 2

**Instructor:** Staff

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37404 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 12:30PM 02:35PM MW CRC CRCL

This 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 Titterud

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37401 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 02:00PM 02:50PM TTH IT 125

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

**Instructor:** C Lopez Ediss

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37398 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 06:30PM 08:35PM W WEQ W4

**Instructor:** Y Haro

## GUI-48 College Success Strat 2 UNITS

**Prerequisite:** None.

Description: Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**37397 Last day to add: 09/07/18**

LEC 08/27/18 12/14/18 07:30PM 09:35PM TH IT 109

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

**Instructor:** E Amezola

## 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.

**37407** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 09:25AM TTH THTR 101

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

**Instructor:** S Witmer

### 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.

**37408** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH THTR 101

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

**Instructor:** S Witmer

### 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.

**37414** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:00AM 12:25PM MW IT 101

**Instructor:** N Corselli

### 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.

**37410** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:15AM 12:40PM TTH WEQW7

**Instructor:** T Wallstrom

### 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.

**37406** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW IT 117

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

**Instructor:** S Witmer

### 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.

**37412** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:00PM 03:25PM TTH WEQW7

**Instructor:** T Wallstrom

### 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.

**37409** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:30PM 03:55PM MW IT 117

**Instructor:** L Newson

### 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.

**37413** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 04:15PM 05:40PM MW IT 117

**Instructor:** L Newson

### 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.

**37411** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM W WEQW6A

**Instructor:** N Corselli

## 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.

**37405** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH IT 101

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

**Instructor:** V Genian

## HISTORY

### HIS-1 History of World Civilizations 1 3 UNITS

**Prerequisite:** None

Description: A survey of the historical development of global societies, major social, political, and economic ideas and institutions from their origins until the 16th century. Principal areas to be covered are: African civilizations of the Nile and sub-Saharan areas, Mesopotamian civilizations, Greek and Roman Civilizations, Medieval and Reformation Europe, the Indus River, China and Japan. 54 hours lecture.

**37415** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:15AM 12:40PM TTH HUM 103

**Instructor:** S Kyriakos

### HIS-6 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social, and economic development of the United States from precolonial 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.

**37423** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:35AM 09:00AM MW HUM 103

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

**Instructor:** T Russell

### HIS-6 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social, and economic development of the United States from precolonial 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.

**37418** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 09:25AM TTH HUM 103

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

**Instructor:** T Russell

### HIS-6 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social, and economic development of the United States from precolonial 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.

**37422** Last day to add: 09/12/18

LEC 09/01/18 12/08/18 08:00AM 11:35AM S HUM 103

The above section is a short term class. Please note the start and end dates.

**Instructor:** M Hickerson

### HIS-6 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social, and economic development of the United States from precolonial 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.

**37419** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:15AM 10:40AM MW HUM 103

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

**Instructor:** T Russell

### HIS-6 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social, and economic development of the United States from precolonial 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.

**37420** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM M HUM 103

**Instructor:** M Hickerson

### HIS-6 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social, and economic development of the United States from precolonial 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.

**37421** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM T WEQ W4

**Instructor:** M Hickerson



## HIS-6 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social, and economic development of the United States from precolonial 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 HIS-6H. 54 hours lecture.

**37425** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM W LIBR 110

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

**Instructor:** T Knight

## HIS-6 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social, and economic development of the United States from precolonial 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 HIS-6H. 54 hours lecture.

**37424** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH HUM 103

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

**Instructor:** H Vion

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37432** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** D Reina

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37427** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH HUM 103

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

**Instructor:** T Russell

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37428** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:00AM 12:25PM MW HUM 103

**Instructor:** S Kyriakos

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37868** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 02:10PM F HUM 103

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

**Instructor:** H Vion

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37429** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 12:45PM 02:10PM MW HUM 103

**Instructor:** S Kyriakos

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37430** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 02:00PM 03:25PM TTH HUM 103

**Instructor:** S Kyriakos

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37431** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 04:15PM 05:40PM MW HUM 103

**Instructor:** S Kyriakos

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37434** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM TTH HUM 103

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

**Instructor:** T Russell

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37433** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM W HUM 103

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

**Instructor:** D Reina

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37435** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH IT 202

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

**Instructor:** C Delgadillo

## HIS-7 Political and Social History of the United States 3 UNITS

**Prerequisite:** None

Description: Political, social and economic development of the United States from 1877 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.

**37426** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 09:40PM M IT 109

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

**Instructor:** H Vion

## HIS-34 History of Women in America 3 UNITS

**Prerequisite:** None

Description: A survey of the political social and cultural institutions which have shaped the role and character of women in America. The historical role of women in the development of the nation, and the ongoing struggle to achieve political, economic, and social equality will be examined. 54 hours lecture.

**37416** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T HUM 103

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

**Instructor:** D Reina

## HUMANITIES

### HUM-4 Arts and Ideas: Ancient World Through the Late Medieval Period 3 UNITS

**Prerequisite:** None

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

Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, and religion of Western Civilization. The cultural achievements of the ancient world and the middle ages are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to modern thought. Students may not receive credit for both HUM-4 and HUM-4H. 54 hours lecture.

**37443** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** D Palmer

### HUM-4 Arts and Ideas: Ancient World Through the Late Medieval Period 3 UNITS

**Prerequisite:** None

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

Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, and religion of Western Civilization. The cultural achievements of the ancient world and the middle ages are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to modern thought. Students may not receive credit for both HUM-4 and HUM-4H. 54 hours lecture.

**37444** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 09:25AM TTH WEQ W5

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

**Instructor:** M Bobo

### HUM-4 Arts and Ideas: Ancient World Through the Late Medieval Period 3 UNITS

**Prerequisite:** None

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

Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, and religion of Western Civilization. The cultural achievements of the ancient world and the middle ages are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to modern thought. Students may not receive credit for both HUM-4 and HUM-4H. 54 hours lecture.

**37445** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:25AM 12:50PM TTH LIBR 109

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

**Instructor:** M Bobo

## HUM-4H Honors Arts and Ideas: Ancient World Through the Late Medieval Period 3 UNITS

**Prerequisite:** None

**Advisory:** REA-83 and qualification for ENG-1A Limitation on enrollment: Enrollment in Honors Program

**Description:** An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, and religion of Western Civilization. The cultural achievements of the ancient world and the middle ages are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to modern thought. This honors course offers an enriched experience for accelerated students by means of limited class size, seminar format, discussions and projects generated and led by students, a focus on primary texts in translation, and the applications of higher-level thinking and writing skills analysis, synthesis, and evaluation. Students may not receive credit for both HUM-4 and HUM-4H. 54 hours lecture.

**37864 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 12:45PM 02:10PM MW IT 111

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

**Instructor:** M Bobo

## HUM-8 Introduction to Mythology 3 UNITS

**Prerequisite:** None

**Advisory:** ENG-1B or ENG-1BH and REA-83

**Description:** A study of Greco-Roman and other mythological traditions. Emphasizes the historical sources and cultural functions of myths and legends in ancient societies and their continuing relevance to modern thought and culture. 54 hours lecture.

**37801 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 02:00PM 03:25PM TTH ATEC 210

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

**Instructor:** Staff

## 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.

**37439 Last day to add: 09/07/18**

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** D Palmer

## 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.

**37441 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 08:00AM 12:05PM F WEQW3

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

**Instructor:** M Bobo

## 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.

**37436 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 04:15PM 05:40PM MW IT 209

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

**Instructor:** M Bobo

## 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.

**37437 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 06:00PM 09:10PM M IT 211

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

**Instructor:** M Bobo

## 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.

**37438 Last day to add: 09/07/18**

WE 08/27/18 12/14/18 06:00PM 09:10PM T WEQW6B

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

**Instructor:** D Ketcham

## HUM-11 Religion in America

3 UNITS

**Prerequisite:** None

**Advisory:** HUM-10, REA-83 and qualification for ENG-1A

Description: Thought and practice of American religious traditions, including Native American practices, Protestantism, American religious sects (Mormons, Seventh-Day Adventists), Catholicism, Judaism, and Asian religions. Attention is also directed to the relationship between religion and politics, and religion and the different ethnic and racial groups of American culture. Course requires participant observation in different religious settings. 54 hours lecture.

**37442** Last day to add: 09/07/18

WE 08/27/18 12/14/18 10:55AM 03:00PM F WEQW7

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

**Instructor:** J Gill

## HUM-35 Philosophy of Religion

3 UNITS

**Prerequisite:** None

**Advisory:** PHI-10 or PHI-11 and REA-83 and qualification for ENG-1A

Description: An introduction to the examination of religious claims from a philosophical perspective. Emphasis will be placed upon examining the rational justification for various traditional faith claims, and upon examining the relationship between rationality and faith. The course presumes a basic knowledge of philosophical argumentation. 54 hours lecture.

**37817** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW WEQW7

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

**Instructor:** J Sentmanat

## 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.)

**37446** Last day to add: 09/07/18

WE 08/27/18 12/14/18 05:30PM 07:20PM W STEM 125

The above section is a short term web-enhanced class. Internet is required. Please note the start and end dates.

**Instructor:** A Jimenez

## JOURNALISM

### JOU-7 Mass Communications

3 UNITS

**Prerequisite:** None.

Description: Survey of mass communication and the interrelationships of media with society including history, structure, and trends in a digital age. Discussion of theories and effects, economics, technology, law and ethics, global media, media literacy, and social issues, including gender and cultural diversity.

**37447** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM TTH IT 210

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

**Instructor:** J Muto

## 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.

**37457** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 08:00AM 09:25AM TTH WEQW7

**Instructor:** T Wallstrom

### 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.

**37458** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:40AM 11:05AM TTH WEQW7

**Instructor:** T Wallstrom

### 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.

**37459** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:10PM 09:20PM T WEQW7

**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.

**37450** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW WEQW4

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

**Instructor:** S Witmer



# NORCO COLLEGE

## KIN-10 Introduction to Kinesiology 3 UNITS

**Prerequisite:** None.

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

**37449** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM W WEQW3

**Instructor:** W Elton

## KIN-16 Introduction to Athletic Training 3 UNITS

**Prerequisite:** None.

Description: Analyzes and applies basic concepts of athletic training with emphasis on care and prevention of athletic injuries.

**37451** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 04:15PM 06:45PM T WEQW3

LAB 08/27/18 12/14/18 07:00PM 08:25PM T WEQW3

**Instructor:** J Winn

## 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.

**37452** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 12:25PM MW WEQW3

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

**Instructor:** S Witmer

## 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.

**37453** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 09:10PM TH WEQW3

**Instructor:** J McMains

## KIN-35 Foundation for Fitness and Wellness 3 UNITS

**Prerequisite:** None

Description: This course will provide students with the ability to make informed choices and to take responsibility for those choices in the areas of fitness, nutrition, and stress management. Emphasis is on the application of health and physical fitness principles. Each student will develop a personalized plan for the overall maintenance of their own wellness. 36 hours lecture and 54 hours laboratory.

**37454** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 08:00AM 08:50AM M WEQW4

LEC2 08/27/18 12/14/18 08:00AM 09:05AM W WEQW4

LAB 08/27/18 12/14/18 09:15AM 10:40AM MW WEQW8

**Instructor:** D Bednarczyk

## KIN-36 Wellness: Lifestyle Choices 3 UNITS

**Prerequisite:** None.

Description: Studies the various dimensions of wellness as they relate to living

a positive, healthy life.

**37455**

Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:40AM 11:05AM TTH WEQW3

**Instructor:** B Wimer

## KIN-36 Wellness: Lifestyle Choices 3 UNITS

**Prerequisite:** None.

Description: Studies the various dimensions of wellness as they relate to living a positive, healthy life.

**37456**

Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:15AM 12:40PM TTH WEQW3

**Instructor:** B Wimer

## KIN-38 Stress Management 3 UNITS

**Prerequisite:** None.

Description: The nature, physiology, and psychology of stress. Students will explore perceptions, attitudes, beliefs, and lifestyle factors that may be precursors and contributors to distress. Students will also explore a variety of coping strategies and relaxation techniques. The lab portion of this class provides the opportunity for students to practice techniques and develop a personalized stress management program. 45 hours lecture and 27 hours laboratory.

**37818**

Last day to add: 09/09/18

LEC 08/27/18 11/07/18 08:45AM 10:35AM MW WEQW3

LAB 08/27/18 11/07/18 10:45AM 11:50AM MW WEQW2

The above section is a short term class. Please note the start and end dates.

**Instructor:** B Wimer

## KIN-38 Stress Management 3 UNITS

**Prerequisite:** None.

Description: The nature, physiology, and psychology of stress. Students will explore perceptions, attitudes, beliefs, and lifestyle factors that may be precursors and contributors to distress. Students will also explore a variety of coping strategies and relaxation techniques. The lab portion of this class provides the opportunity for students to practice techniques and develop a personalized stress management program. 45 hours lecture and 27 hours laboratory.

**37819**

Last day to add: 09/09/18

LEC 08/27/18 11/07/18 12:45PM 02:35PM MW WEQW3

LAB 08/27/18 11/07/18 02:45PM 03:50PM MW WEQW2

The above section is a short term class. Please note the start and end dates.

**Instructor:** B Wimer

## KIN-A40 Karate, Beginning 1 UNIT

**Prerequisite:** None

Description: This course in beginning karate will develop the basic skills needed for the art of unarmed self-defense. This includes the use of blocking, shifting, punching, striking, and kicking. Karate will also develop speed, grace of movement, self-confidence, poise, mental alertness, strength, endurance, and muscular control. Karate is a physical art and a sport that anyone, irrespective of size, age, or sex, can practice according to his or her own capabilities. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37460**

Last day to add: 09/07/18

LAB 08/27/18 12/14/18 12:45PM 02:10PM MW WEQW2

**Instructor:** D Namekata

## KIN-A41 Karate, Intermediate

1 UNIT

**Prerequisite:** None

**Advisory:** KIN-A40

Description: This course in intermediate karate is designed for the student wishing to review basic self defense skills and begin work on higher skills, develop intermediate level skills in unarmed self defense, and learn basic skills in kumite (free fighting). 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37461** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 12:45PM 02:10PM MW WEQW2

**Instructor:** D Namekata

## KIN-A46 Hatha Yoga, Beginning

1 UNIT

**Prerequisite:** None.

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

**37464** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 08:00AM 09:25AM TTH WEQW2

**Instructor:** F Stewart

## KIN-A46 Hatha Yoga, Beginning

1 UNIT

**Prerequisite:** None.

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

**37462** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 09:15AM 10:40AM MW WEQW2

**Instructor:** L Zank

## KIN-A46 Hatha Yoga, Beginning

1 UNIT

**Prerequisite:** None.

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

**37463** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 09:40AM 11:05AM TTH WEQW2

**Instructor:** F Stewart

## KIN-A47 Hatha Yoga, Intermediate

1 UNIT

**Prerequisite:** None

**Advisory:** KIN-A46

Description: This course offers intermediate Hatha yoga exercises to improve students physical and mental wellness. The yoga exercises will be taught to promote improvement in yoga breathing techniques, concentration, muscular flexibility, strength and endurance, balance and meditation techniques. KIN-A46 and A47 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.)

**37465** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 09:40AM 11:05AM TTH WEQW2

**Instructor:** F Stewart

## KIN-A75A Walking for Fitness: Beginning

1 UNIT

**Prerequisite:** None

Description: This course is designed for all students with an emphasis on cardiovascular fitness, setting personal fitness goals and understanding the physiological benefits of a walking program. Walking programs will be established to improve cardiorespiratory endurance. KIN-A75A, A75B and A77 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.)

**37466** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 08:00AM 09:25AM TTH WEQW8

**Instructor:** B Wimer

## 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.)

**37467** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 02:30PM 03:55PM TTH WEQW8

**Instructor:** V Genian

## 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.)

**37468** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 06:00PM 07:25PM TTH WEQW8

**Instructor:** K Roberts

## 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.

**37469** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 04:15PM 05:40PM TTH WEQW8

**Instructor:** T Wallstrom

## 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.

**37470** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 06:00PM 07:25PM MW WEQW8

**Instructor:** Staff

## KIN-V10 Soccer, Varsity Men

3 UNITS

**Prerequisite:** None.

Description: This course prepares the student athletes to practice and compete at the intercollegiate level in soccer. Athletes will demonstrate proficiency and knowledge of advanced principles of offensive and defensive team concepts. Student athletes will participate in a physical conditioning program designed to prepare them for intercollegiate competition in soccer. Repeating this course provides the student an opportunity for additional skill and competency development. May be taken a total of four times. 175 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37471** Last day to add: **09/29/18**

LAB 08/27/18 12/14/18 SOCR 2

The above section has a 175-hour laboratory requirement to be arranged and first meets on 8/27/18 at 3:00PM. All meeting times and game dates will be listed on the class syllabus.

Contact the instructor for additional information.

**Instructor:** F Melgarejo

## KIN-V25 Soccer, Varsity, Women

3 UNITS

**Prerequisite:** None Limitation on enrollment (e.g. Performance tryout or audition): Retention based on successful tryout.

Description: Prepares student athletes to practice and compete at the intercollegiate level in soccer. Athletes will demonstrate proficiency and knowledge of advanced principles of offensive and defensive team concepts. Student athletes will participate in a physical conditioning program designed to prepare them for intercollegiate competition in soccer. Repeating this course provides the student an opportunity for additional skill and competency development. May be taken a total of three times. 175 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37472** Last day to add: **09/29/18**

LAB 08/27/18 12/14/18 SOCR 2

The above section has a 175-hour laboratory requirement to be arranged and first meets on 8/27/18 at 1:30PM. All meeting times and game dates will be listed on the class syllabus.

Contact the instructor for additional information.

**Instructor:** Staff

## 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 from a variety of formats, both online and in print, to answer research questions and develop new ones. Through the use of information retrieval systems students will develop an understanding of and practices for the legal access to and ethical use of information. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37474** Last day to add: **10/30/18**

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** M Castro

### 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 from a variety of formats, both online and in print, to answer research questions and develop new ones. Through the use of information retrieval systems students will develop an understanding of and practices for the legal access to and ethical use of information. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37473** Last day to add: **09/07/18**

HYB 08/27/18 10/15/18 03:00PM 04:15PM M STEM 125

HYBO 08/27/18 10/15/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** S Seifried

## MANAGEMENT

### MAG-44 Principles of Management

3 UNITS

**Prerequisite:** None

Description: For those who are in management, preparing for a potential promotion or interested in the management process. Includes the primary functions of planning, organizing, controlling, and leading as well as related skills such as team development, motivation and communication techniques, and quality management. Also, social responsibility and a global perspective are emphasized. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37475** Last day to add: **10/30/18**

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** D Dokter

### 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)

**37477** Last day to add: **10/30/18**

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** E Doucette

### 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)

**37476** Last day to add: **09/07/18**

WE 08/27/18 12/14/18 06:30PM 09:40PM TH WEQW7

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

**Instructor:** A Riker

## MAG-53 Human Relations

3 UNITS

**Prerequisite:** None.

Description: Practical application of basic psychology in building better employer-employee relationships.

37479

Last day to add: 09/04/18

OL 08/27/18 10/21/18

ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** G Zwart

## MAG-53 Human Relations

3 UNITS

**Prerequisite:** None.

Description: Practical application of basic psychology in building better employer-employee relationships.

37478

Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 09:40PM M WEQW6B

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

**Instructor:** E Davalos

## MANUFACTURING TECHNOLOGY

### MAN-35 Computer Aided Manufacturing-Mastercam 5 UNITS

**Prerequisite:** None

Advisory: CIS-1A

Description: A course in computer-aided manufacture of parts and assemblies using MasterCam software. Applications of Numerical Control (NC) programming in machine processes with a focus on turning centers and milling operations. This course includes beginning and advanced programming. 63 hours lecture and 81 hours laboratory. (Letter Grade, or Pass/No Pass option.)

37858

Last day to add: 09/07/18

WE 08/27/18 12/14/18 05:45PM 07:35PM TTH IT 124

WEL 08/27/18 12/14/18 07:40PM 10:00PM TTH IT 124

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

**Instructor:** P Van Hulle

### MAN-38 General Machine Shop

3 UNITS

**Prerequisite:** None

Description: This introductory course instructs students in the basic setup and operating of the lathe, mill, saw, drill press and grinder. Safety, blueprint reading, measurement, shop math, tool grinding, and speed and feed calculations also included. 36 hours lecture and 54 hours laboratory.

37480

Last day to add: 09/03/18

WE 08/28/18 10/18/18 12:00PM 02:10PM TTH CACT 2

WEL 08/28/18 10/18/18 02:15PM 05:35PM TTH CACT 2

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** P Van Hulle

### MAN-39 Machine Shop Theory

2 UNITS

**Prerequisite:** None.

Description: The basic cutting concepts of machine tools are described and applied emphasizing safe work practices and rules related to machine tool operations.

37481

Last day to add: 10/27/18

WE 10/23/18 12/13/18 03:00PM 05:10PM TTH CACT 2

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** P Van Hulle

### MAN-55 Occupational Safety and Health Administration (OSHA) Standards for General Industry 1 UNIT

**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.)

37886

Last day to add: 10/30/18

OL 10/22/18 12/14/18

ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** K Mosley

### MAN-55 Occupational Safety and Health Administration (OSHA) Standards for General Industry 1 UNIT

**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.)

37887

Last day to add: 09/04/18

OL 08/27/18 10/21/18

ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** P Van Hulle

### MAN-57 CNC Program Writing

3 UNITS

**Prerequisite:** None

Description: Introduction to manual CNC program writing. This course includes the Cartesian coordinate system, absolute/incremental programming, circular interpolation, cutter radius compensation, canned cycles, and other programming techniques related to CNC machine tools. Students will gain hands-on experience with CNC machine tools. 36 hours lecture and 54 hours laboratory.

37485

Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 06:50PM MW CACT 2

LAB 08/27/18 12/14/18 07:00PM 08:25PM MW CACT 2

**Instructor:** Staff



# NORCO COLLEGE

## MAN-64 Programmable Logic Controllers 3 UNITS

**Prerequisite:** None

**Advisory:** ELE-10 or ELE-21

Description: Fundamentals of programmable logic controllers, with an emphasis on introductory programming of PLCs. Problem analysis with solutions that integrate programming formats, auxiliary commands and functions, common programming languages, and popular software programs used with PLCs. Installation, maintenance, troubleshooting and repair are inherent components. 36 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37487** Last day to add: 10/26/18

WE 10/22/18 12/12/18 12:00PM 02:10PM MW IT 124

WEL 10/22/18 12/12/18 02:15PM 05:35PM MW IT 124

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** P Van Hulle

## MAN-68 Fundamentals of Maintenance 4 UNITS

**Prerequisite:** None.

Description: Foundational skills training for maintenance technicians. Introduction to the basic maintenance and repair methods used in the facility maintenance profession. Preventative maintenance methods and strategies are explored as students receive training in the use of electronic measuring devices, meters, and scopes. Topics include activities focused upon basic electrical skills, basic pneumatics and hydraulics, basic mechanical skills, basic plumbing, basic principles of refrigeration, refrigerants, refrigeration components, preventative and corrective maintenance. Completion of this basic course will prepare students for a job as a Facility Maintenance Technician. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

**37861** Last day to add: 09/03/18

WE 08/28/18 10/18/18 09:00AM 12:20PM TTH ATEC 119

WEL 08/28/18 10/18/18 02:00PM 05:20PM TTH ATEC 119

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** Staff

## 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.

**37862** Last day to add: 10/27/18

LEC 10/23/18 12/13/18 08:00AM 09:30AM TTH ATEC 119

LAB 10/23/18 12/13/18 09:35AM 11:05AM TTH ATEC 119

The above section is a short term class. Please note the start and end dates.

**Instructor:** T Childers

## MAN-74 Industrial Wiring and Controls 4 UNITS

(same As Elc/Ele-74)

**Prerequisite:** None

Description: Industrial controls and electrical wiring of modern facilities, manufacturing, or warehousing. Included will be production equipment, conveyor systems, hydraulic and pneumatic controls, power distribution, blueprint reading, electrical control wiring, PLC (programmable logic controller) control wiring, VFD (variable frequency drives) wiring and programming. 54 hours lecture and 54 hours laboratory. (Letter Grade or Pass/No Pass option)

**37888** Last day to add: 09/07/18

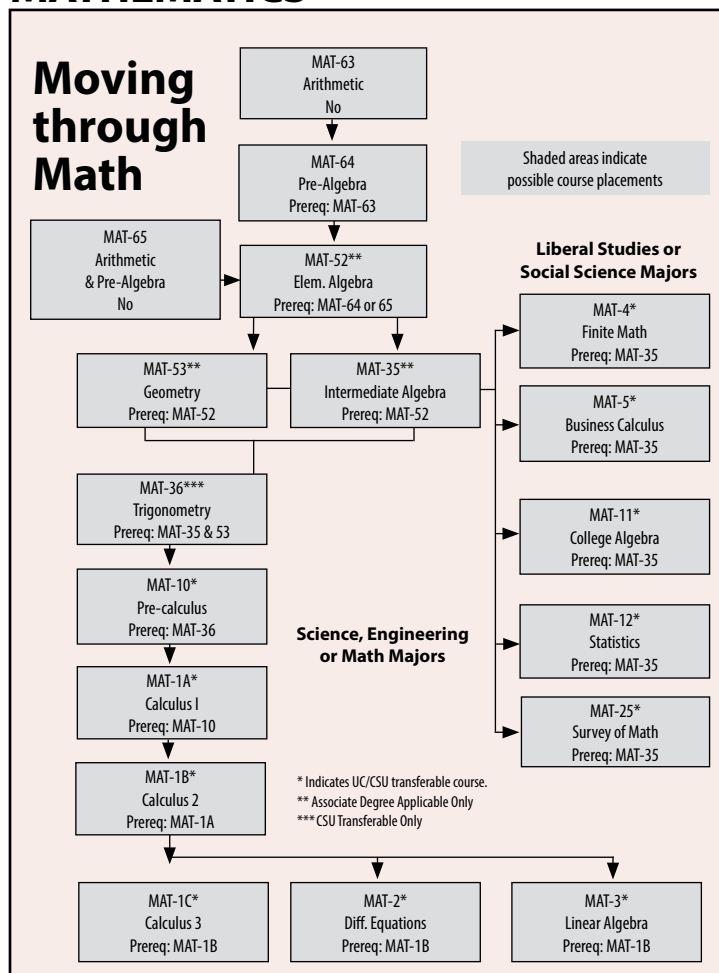
WE 08/27/18 12/14/18 06:00PM 07:25PM MW STEM 302

WEL 08/27/18 12/14/18 07:35PM 09:00PM MW STEM 302

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

**Instructor:** G Graham

## MATHEMATICS



## MAT-1A Calculus I

4 UNITS

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

Description: Functions, limits, continuity, differentiation, applications of the derivative and integration, the fundamental theorem of calculus and basic integration. 72 hours lecture and 18 hours laboratory. (Letter Grade or Pass/No Pass option)

**37516** Last day to add: 09/07/18

WE	08/27/18	12/14/18	09:30AM	10:45AM	MWF	WEQ W4
WEL	08/27/18	12/14/18	10:50AM	11:40AM	F	WEQ W5

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

**Instructor:** Staff

## MAT-1A Calculus I

4 UNITS

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

Description: Functions, limits, continuity, differentiation, applications of the derivative and integration, the fundamental theorem of calculus and basic integration. 72 hours lecture and 18 hours laboratory. (Letter Grade or Pass/No Pass option)

**37515** Last day to add: 09/07/18

WE	08/27/18	12/14/18	09:40AM	12:10PM	T	WEQ W6A
WE2	08/27/18	12/14/18	09:40AM	11:10AM	TH	WEQ W6A
WEL	08/27/18	12/14/18	11:20AM	12:10PM	TH	WEQ W6A

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:** A Robles

## MAT-1A Calculus I

4 UNITS

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

Description: Functions, limits, continuity, differentiation, applications of the derivative and integration, the fundamental theorem of calculus and basic integration. 72 hours lecture and 18 hours laboratory. (Letter Grade or Pass/No Pass option)

**37513** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	04:30PM	T	WEQ W4
WE2	08/27/18	12/14/18	02:00PM	03:30PM	TH	WEQ W4
WEL	08/27/18	12/14/18	03:40PM	04:30PM	TH	WEQ W4

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 Warsinski

## MAT-1A Calculus I

4 UNITS

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

Description: Functions, limits, continuity, differentiation, applications of the derivative and integration, the fundamental theorem of calculus and basic integration. 72 hours lecture and 18 hours laboratory. (Letter Grade or Pass/No Pass option)

**37904** Last day to add: 09/07/18

WE	08/27/18	12/14/18	03:00PM	05:30PM	T
WE2	08/27/18	12/14/18	03:00PM	04:30PM	TH
WEL	08/27/18	12/14/18	04:40PM	05:30PM	TH

The above section is restricted to Eleanor Roosevelt High School students only.

**Instructor:** J Tousignant

## MAT-1A Calculus I

4 UNITS

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

Description: Functions, limits, continuity, differentiation, applications of the derivative and integration, the fundamental theorem of calculus and basic integration. 72 hours lecture and 18 hours laboratory. (Letter Grade or Pass/No Pass option)

**37514** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	09:00PM	M	ATEC 210
WE2	08/27/18	12/14/18	06:30PM	08:00PM	W	ATEC 210
WEL	08/27/18	12/14/18	08:10PM	09:00PM	W	ATEC 210

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:** A Thomas

## MAT-1B Calculus II

4 UNITS

**Prerequisite:** MAT-1A

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

**37518** Last day to add: 09/07/18

WE	08/27/18	12/14/18	09:10AM	10:40AM	MW	ATEC 204
WE2	08/27/18	12/14/18	09:10AM	10:00AM	F	ATEC 204
WEL	08/27/18	12/14/18	10:05AM	10:55AM	F	ATEC 204

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 Mulari

## MAT-1B Calculus II

4 UNITS

**Prerequisite:** MAT-1A

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

**37517** Last day to add: 09/07/18

WE	08/27/18	12/14/18	09:40AM	12:10PM	T	ATEC 204
WE2	08/27/18	12/14/18	09:40AM	11:10AM	TH	ATEC 204
WEL	08/27/18	12/14/18	11:20AM	12:10PM	TH	ATEC 204

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:** Staff

## MAT-1B Calculus II

4 UNITS

**Prerequisite:** MAT-1A

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

**37519** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:10PM	04:40PM	T	STEM 201
WE2	08/27/18	12/14/18	02:10PM	03:40PM	TH	STEM 201
WEL	08/27/18	12/14/18	03:50PM	04:40PM	TH	STEM 201

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

**Instructor:** Staff

## MAT-1B Calculus II

4 UNITS

**Prerequisite:** MAT-1A

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

**37843** Last day to add: 09/07/18

WE	08/27/18	12/14/18	07:00PM	09:30PM	M	ATEC 204
WE2	08/27/18	12/14/18	07:00PM	08:30PM	W	ATEC 204
WEL	08/27/18	12/14/18	08:40PM	09:30PM	W	ATEC 204

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

**Instructor:** A Hassanzadah

## MAT-1C Calculus III

4 UNITS

**Prerequisite:** MAT-1B

Description: Vectors in a plane and in space, vector functions, calculus on functions of multiple variables, partial derivatives, multiple integrals, line and surface integrals, Green's theorem, Stokes' theorem, Divergence theorem, and elementary applications to the physical and life sciences. 72 hours lecture.

**37520** Last day to add: 09/07/18

WE	08/27/18	12/14/18	10:30AM	12:35PM	TTH	STEM 302
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** B Johnson

## MAT-1C Calculus III

4 UNITS

**Prerequisite:** MAT-1B

Description: Vectors in a plane and in space, vector functions, calculus on functions of multiple variables, partial derivatives, multiple integrals, line and surface integrals, Green's theorem, Stokes' theorem, Divergence theorem, and elementary applications to the physical and life sciences. 72 hours lecture.

**37521** Last day to add: 09/07/18

WE	08/27/18	12/14/18	04:15PM	06:20PM	TTH	ATEC 211
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Mulari

## MAT-2 Differential Equations

4 UNITS

**Prerequisite:** MAT-1B

Description: This is a course in differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. Introduces the theoretical aspects of differential equations, including establishing when solution(s) exists, and techniques for obtaining solutions, including linear first and second order differential equations, series solutions, Laplace transforms, linear systems, and elementary applications to the physical and biological sciences. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37522** Last day to add: 09/07/18

WE	08/27/18	12/14/18	10:30AM	12:35PM	TTH	WEQW4
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Mulari

## MAT-3 Linear Algebra

3 UNITS

**Prerequisite:** MAT-1B

Description: This course examines elementary vector space concepts and geometric interpretations and develops the techniques and theory to solve and classify systems of linear equations. Solution techniques include Gaussian and Gauss-Jordan elimination, Cramer's rule and inverse matrices. Investigates the properties of vectors in two, three and finite dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as determinants, linear independence, bases and dimension of a vector space, linear transformation and their matrix representations, inner products, norms, orthogonality, eigenvalues, eigenvectors, and eigenspaces. Selected applications of linear algebra are included. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**37524** Last day to add: 09/07/18

WE	08/27/18	12/14/18	03:45PM	05:10PM	TTH	WEQW6A
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** Staff

## 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.)

**37558** Last day to add: 09/07/18

WE	08/27/18	12/14/18	01:00PM	02:15PM	MWF	IT 109
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** A Robles

## 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.)

**37557** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	04:05PM	TTH	WEQW3
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Tousignant

## MAT-10 Precalculus

4 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. 72 hours lecture. (Letter Grade or Pass/No Pass option.)

**37489** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:15AM	10:20AM	TTH	ATEC 211
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Warsinski

## MAT-10 Precalculus

4 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. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37488** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:30PM MWF ATEC 204

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

**Instructor:** J Warsinski

## MAT-10 Precalculus

4 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. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37490** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 04:05PM TTH ATEC 204

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

**Instructor:** S Hashemi

## MAT-10 Precalculus

4 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. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37491** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 06:20PM MW ATEC 204

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

**Instructor:** A Hassanzadah

## MAT-10 Precalculus

4 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. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37842** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 08:35PM MW LIBR 108

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

**Instructor:** S Borissova

## MAT-11 College Algebra

4 UNITS

**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)

**37496** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:45AM 09:00AM MWF ATEC 204

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

**Instructor:** Staff

## MAT-11 College Algebra

4 UNITS

**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)

**37494** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:15AM 10:20AM TTH STEM 302

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

**Instructor:** J Basinger

## MAT-11 College Algebra

4 UNITS

**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)

**37492** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:45PM 04:00PM MWF ATEC 204

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

**Instructor:** H Mai

## MAT-11 College Algebra

4 UNITS

**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)

**37493** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 06:20PM MW WEQ W5

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

**Instructor:** Staff

## MAT-11 College Algebra

4 UNITS

**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)

**37495** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 06:20PM TTH ATEC 210

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

**Instructor:** J DeGuzman



## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

37506

Last day to add: 09/07/18

OL 08/27/18 12/14/18

ON LINE

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 campus for proctored exams on the following dates: one day between 10/17 to 10/21 and another day between 12/09 and 12/14.

**Instructor:** J Mulari

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

37507

Last day to add: 09/07/18

OL 08/27/18 12/14/18

ON LINE

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 campus for proctored exams on the following dates: one day between 10/17 to 10/21 and another day between 12/09 and 12/14.

**Instructor:** J Mulari

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

37512

Last day to add: 09/07/18

OL 08/27/18 12/14/18

ON LINE

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 campus for proctored exams on the following dates: one day between 10/17 to 10/21 and another day between 12/09 and 12/14.

**Instructor:** K Gilman

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

37499

Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:45AM 09:00AM MWF STEM 201

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

**Instructor:** N Alvarado

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

37497

Last day to add: 09/07/18

HYB 08/27/18 12/14/18 08:00AM 10:30AM M IT 109

HYB0 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** Y Lam

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

37498

Last day to add: 09/07/18

HYB 08/27/18 12/14/18 08:00AM 10:30AM W IT 109

HYB0 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** Y Lam

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37505** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:15AM 10:20AM TTH WEQW4

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

**Instructor:** S Johnson

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37510** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:30AM 10:45AM MWF STEM 201

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

**Instructor:** N Alvarado

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37502** Last day to add: 09/07/18

WE 08/27/18 12/14/18 10:30AM 12:35PM TTH ATEC 211

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

**Instructor:** S Johnson

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37503** Last day to add: 09/07/18

WE 08/27/18 12/14/18 01:00PM 02:15PM MWF WEQW5

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

**Instructor:** H Mai

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37509** Last day to add: 09/07/18

WE 08/27/18 12/14/18 01:00PM 02:15PM MWF ATEC 210

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

**Instructor:** J Warsinski

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37500** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 04:05PM TTH WEQW5

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

**Instructor:** D Wood

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37921** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:00PM 05:05PM TTH ERHS C211

The above section is restricted to Eleanor Roosevelt High School students only.

**Instructor:** Staff

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37511** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 06:20PM MW IT 109

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

**Instructor:** A Robles

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37504** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 06:20PM TTH WEQW5

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

**Instructor:** J Burke

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37508** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 08:35PM TTH WEQW5

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

**Instructor:** J Burke

## MAT-12 Statistics

4 UNITS

**Prerequisite:** MAT-35

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.)

**37501** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:35PM 09:40PM MW STEM 201

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

**Instructor:** P Singh

## MAT-25 Mathematics for the Liberal Arts Student 3 UNITS

**Prerequisite:** MAT-35

Description: A college level survey course of selected topics from the history and development of mathematics, patterns and inductive reasoning, set theory and deductive reasoning, the real number system, algebra, geometry, probability, statistics, and problem solving. It is designed for students majoring in liberal arts, education, or communication. Calculators or computers may be used for selected topics. 54 hours of lecture.

**37523** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW LIBR 108

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

**Instructor:** B Johnson

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37540** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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 campus for proctored exams on the following dates: one day between 10/17 to 10/21 and another day between 12/09 and 12/14.

**Instructor:** E Chung

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37542** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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 campus for proctored exams on the following dates: one day between 10/17 to 10/21 and another day between 12/09 and 12/14.

**Instructor:** E Chung

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37545** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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 campus for proctored exams on the following dates: one day between 10/17 to 10/21 and another day between 12/09 and 12/14.

**Instructor:** B Johnson

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37529** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:00AM 09:30AM TTH WEQW6A

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

**Instructor:** D Wood

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37537** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:15AM 08:50AM MWF ATEC 210

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

**Instructor:** A Walid

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37528** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:25AM 09:00AM MWF WEQW6A

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

**Instructor:** Staff

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37541** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:25AM 09:00AM MWF WEQW7

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

**Instructor:** J Higley

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37536** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:10AM 10:45AM MWF WEQW5

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

**Instructor:** S Park

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37530** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 09:15AM 10:40AM MW ATEC 210

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** B Johnson

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37535** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 12:10PM TTH LIBR 108

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

**Instructor:** J DeGuzman

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37549** Last day to add: 09/07/18

WE 08/27/18 12/14/18 10:55AM 12:30PM MWF WEQW4

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

**Instructor:** F Gelenchi



## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37534** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	11:00AM	12:25PM	MW	ATEC 210
HYBO	08/27/18	12/14/18				ON LINE

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

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

**Instructor:** S Park

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37538** Last day to add: 09/07/18

WE	08/27/18	12/14/18	12:40PM	02:15PM	MWF	STEM 302
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** T Malouf

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37550** Last day to add: 09/07/18

WE	08/27/18	12/14/18	12:40PM	02:15PM	MWF	WEQ W4
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** F Gelenchi

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37548** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	02:00PM	03:25PM	MW	WEQ W6A
HYBO	08/27/18	12/14/18				ON LINE

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

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

**Instructor:** S Park

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37544** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	02:00PM	03:25PM	TTH	LIBR 108
HYBO	08/27/18	12/14/18				ON LINE

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

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

**Instructor:** E Chung

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37546** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	04:30PM	TTH	IT 109
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** J Basinger

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37526** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:25PM	04:00PM	MWF	LIBR 108
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** B Nguyen

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37543** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:25PM	04:00PM	MWF	STEM 201
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** Staff

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37532** Last day to add: 09/07/18

WE 08/27/18 12/14/18 03:30PM 06:00PM TTH WEQW7

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

**Instructor:** Staff

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37539** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 03:35PM 05:00PM TTH LIBR 108

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** Staff

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37527** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 06:45PM MW ATEC 211

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

**Instructor:** J DeGuzman

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37531** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 09:00PM TTH ATEC 210

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

**Instructor:** J DeGuzman

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37533** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:00PM 09:30PM TTH LIBR 108

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

**Instructor:** M Devitt

## MAT-35 Intermediate Algebra

5 UNITS

**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)

**37525** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:15PM 09:45PM MW ATEC 211

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

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 Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37553** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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 campus for proctored exams on the following dates: one day between 10/17 to 10/21 and another day between 12/09 and 12/14.

**Instructor:** R Prior

## MAT-36 Trigonometry

4 UNITS

**Prerequisite:** MAT-35 and MAT-53

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 Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37551** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:30AM 10:45AM MWF WEQW7

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

**Instructor:** J Higley

## MAT-36 Trigonometry

4 UNITS

**Prerequisite:** MAT-35 and MAT-53

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 Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37556** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 11:15AM 12:30PM MW WEQW7

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** Staff

## MAT-36 Trigonometry

4 UNITS

**Prerequisite:** MAT-35 and MAT-53

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 Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37554** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 02:45PM 04:00PM MW WEQW5

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** Staff

## MAT-36 Trigonometry

4 UNITS

**Prerequisite:** MAT-35 and MAT-53

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 Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37555** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:00PM 05:05PM MW ERHS C211

The above section is restricted to Eleanor Roosevelt High School students only.

**Instructor:** T Young

## MAT-36 Trigonometry

4 UNITS

**Prerequisite:** MAT-35 and MAT-53

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 Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37967** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:00PM 05:05PM TTH

The above section is restricted to Norco High School students only.

**Instructor:** Staff

## MAT-36 Trigonometry

4 UNITS

**Prerequisite:** MAT-35 and MAT-53

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 Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37552** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 06:20PM MW LIBR 108

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

**Instructor:** B Nguyen

## MAT-36 Trigonometry

4 UNITS

**Prerequisite:** MAT-35 and MAT-53

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 Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

**37839** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 08:35PM TTH ATEC 204

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.

**37840** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 10:05AM MWF ATEC 211

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

**Instructor:** J Frewing

## 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.

**37841** Last day to add: 09/07/18

WE 08/27/18 12/14/18 10:30AM 12:35PM MWF ATEC 211

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

**Instructor:** J La Turno

## 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.

**37922** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 12:30PM 02:35PM MWF

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:** Staff

## 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.

**37923** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 12:30PM 02:35PM MWF

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:** Staff

## MAT-52 Elementary Algebra 4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

**37563** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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 campus for proctored exams on the following dates: one day between 10/17 to 10/21 and another day between 12/09 and 12/14.

**Instructor:** S Park

## MAT-52 Elementary Algebra 4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

**37566** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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 campus for proctored exams on the following dates: one day between 10/17 to 10/21 and another day between 12/09 and 12/14.

**Instructor:** L Ting



## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

37573

Last day to add: 09/07/18

OL 08/27/18 12/14/18

ON LINE

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

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

**Instructor:** R Prior

## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

37564

Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:20AM 09:25AM TTH LIBR 108

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

**Instructor:** A Walid

## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

37559

Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:45AM 09:00AM MWF LIBR 108

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

**Instructor:** M Zeller

## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

37569

Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:30AM 10:45AM MWF WEQ W6A

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

**Instructor:** E Hwang

## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

37561

Last day to add: 09/07/18

WE 08/27/18 12/14/18 01:00PM 02:15PM MWF ATEC 204

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

**Instructor:** Staff

## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

37572

Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 04:05PM TTH ATEC 211

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

**Instructor:** Staff

## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

37571

Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:45PM 04:00PM MWF ATEC 211

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

**Instructor:** Staff

## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

37560

Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 06:20PM MW WEQ W4

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

**Instructor:** P Singh

## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

**37568** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 06:20PM MW ATEC 210

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

**Instructor:** S Park

## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

**37562** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 06:20PM TTH ATEC 204

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

**Instructor:** S Hashemi

## MAT-52 Elementary Algebra

4 UNITS

**Prerequisite:** MAT-64, 65, 90F or qualifying placement level

Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

**37567** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:30PM 08:35PM TTH ATEC 211

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

**Instructor:** S Lee

## MAT-53 College Geometry

3 UNITS

**Prerequisite:** MAT-52

Description: A course covering the study of plane geometry and three dimensional figures. These topics include angles, triangles, quadrilaterals, circles and solids, their formulas for measuring such figures, including perimeter, area and volume. Students create proofs of geometric concepts using postulates and theorems associated with geometric objects and their characteristics. 54 hours lecture.

**37575** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:15AM 10:40AM MW LIBR 108

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

**Instructor:** M Zeller

## MAT-53 College Geometry

3 UNITS

**Prerequisite:** MAT-52

Description: A course covering the study of plane geometry and three dimensional figures. These topics include angles, triangles, quadrilaterals, circles and solids, their formulas for measuring such figures, including perimeter, area and volume. Students create proofs of geometric concepts using postulates and theorems associated with geometric objects and their characteristics. 54 hours lecture.

**37574** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 12:25PM MW LIBR 108

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

**Instructor:** M Zeller

## MAT-53 College Geometry

3 UNITS

**Prerequisite:** MAT-52

Description: A course covering the study of plane geometry and three dimensional figures. These topics include angles, triangles, quadrilaterals, circles and solids, their formulas for measuring such figures, including perimeter, area and volume. Students create proofs of geometric concepts using postulates and theorems associated with geometric objects and their characteristics. 54 hours lecture.

**37576** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM TTH HUM 102

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

**Instructor:** S Lee

## MAT-64 Pre-Algebra

3 UNITS

**Prerequisite:** MAT-63 or MAT-90C

Description: An introduction to the notion of algebra and its uses. Includes integers, equations, and polynomials as well as topics from arithmetic. Designed as a transition from arithmetic to elementary algebra. 54 hours lecture. (Non-degree credit course. Letter Grade, or Pass/No Pass option.)

**37577** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:25PM 03:50PM MW STEM 302

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

**Instructor:** T Malouf

## MAT-65 Arithmetic and Pre-Algebra

5 UNITS

**Prerequisite:** None.

Description: Study of the four basic operations applied to whole numbers, integers, fractions, mixed numbers, and decimals, to include application to real-world problems along with an introduction to the notion of algebra and its uses. (Non-degree credit course.)

**37579** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:25AM 09:00AM MWF WEQW5

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

**Instructor:** L Ting

## MAT-65 Arithmetic and Pre-Algebra

5 UNITS

**Prerequisite:** None.

Description: Study of the four basic operations applied to whole numbers, integers, fractions, mixed numbers, and decimals, to include application to real-world problems along with an introduction to the notion of algebra and its uses. (Non-degree credit course.)

**37581** Last day to add: 09/07/18

WE 08/27/18 12/14/18 10:55AM 12:30PM MWF WEQ W6A

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

**Instructor:** E Hwang

## MAT-65 Arithmetic and Pre-Algebra

5 UNITS

**Prerequisite:** None.

Description: Study of the four basic operations applied to whole numbers, integers, fractions, mixed numbers, and decimals, to include application to real-world problems along with an introduction to the notion of algebra and its uses. (Non-degree credit course.)

**37582** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:40PM 02:15PM MWF ATEC 211

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

**Instructor:** J Frewing

## MAT-65 Arithmetic and Pre-Algebra

5 UNITS

**Prerequisite:** None.

Description: Study of the four basic operations applied to whole numbers, integers, fractions, mixed numbers, and decimals, to include application to real-world problems along with an introduction to the notion of algebra and its uses. (Non-degree credit course.)

**37580** Last day to add: 09/07/18

HYB 08/27/18 12/14/18 05:10PM 06:35PM TTH LIBR 108

HYBO 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** E Chung

## MUSIC INDUSTRY STUDIES

### MIS-1A Beginning Performance Techniques For Studio Recording

2 UNITS

**Prerequisite:** None Limitation on enrollment: Audition on or before the first class meeting

Description: Introduction to practical performance techniques for the recording studio. Students will have the opportunity to participate in the planning process of a recording session utilizing techniques such as song formation, microphone technique, mixing and production. The class will culminate in a CD recording. This class is appropriate for vocalists and instrumentalists. 108 laboratory hours.

**37586** Last day to add: 09/07/18

WEL 08/27/18 12/14/18 01:00PM 03:05PM W THTR 204

WEL2 08/27/18 12/14/18 01:00PM 05:15PM F THTR 204

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

**Instructor:** B Kerr

### MIS-1B Intermediate Performance Techniques For Studio Recording

2 UNITS

**Prerequisite:** MIS-1A

Description: Continuation of the skills studied in MIS-1A focusing on song collaboration, organization of vocals and instruments needed to record. Students will have the opportunity to participate in the planning process of a recording session utilizing techniques such as song formation, microphone technique, mixing and production. The class will culminate in a CD recording. This class is appropriate for intermediate vocalists and instrumentalists. 108 hours laboratory.

**37587** Last day to add: 09/07/18

WEL 08/27/18 12/14/18 01:00PM 03:05PM W THTR 204

WEL2 08/27/18 12/14/18 01:00PM 05:15PM F THTR 204

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

**Instructor:** B Kerr

### MIS-1C Advanced Performance Techniques For Studio Recording

2 UNITS

**Prerequisite:** MIS-1B

Description: Advanced performance techniques for the recording studio. A continuation of the skills studied in MIS-1B the focus of this course is communication, song collaboration, studio session mapping. Students will have the opportunity to lead a collaborative group, duet or solo project toward successful completion/recording utilizing techniques such as song formation, microphone technique, mixing and production. The class will culminate in a CD recording. This class is appropriate for advanced vocalists and instrumentalists. 108 hours laboratory.

**37588** Last day to add: 09/07/18

WEL 08/27/18 12/14/18 01:00PM 03:05PM W THTR 204

WEL2 08/27/18 12/14/18 01:00PM 05:15PM F THTR 204

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

**Instructor:** B Kerr

### MIS-3 Digital Audio Production 1

4 UNITS

**Prerequisite:** None

Description: This course introduces the techniques and elements of electronic music production. Topics include synthesis, sampling, MIDI sequencing and audio production. Students will create original compositions using electronic music techniques. Students taking this course will complete the official AVID coursework for Pro Tools 101 and 110 and will have the opportunity to obtain AVID Pro Tools User Certification. 54 hours lecture and 54 hours laboratory.

**37590** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 03:25PM TTH IT 106

WEL 08/27/18 12/14/18 03:35PM 05:00PM TTH IT 106

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

**Instructor:** B Kerr

## MIS-3 Digital Audio Production 1

4 UNITS

**Prerequisite:** None

Description: This course introduces the techniques and elements of electronic music production. Topics include synthesis, sampling, MIDI sequencing and audio production. Students will create original compositions using electronic music techniques. Students taking this course will complete the official AVID coursework for Pro Tools 101 and 110 and will have the opportunity to obtain AVID Pro Tools User Certification. 54 hours lecture and 54 hours laboratory.

**37589** Last day to add: 09/07/18

WE	08/27/18	12/14/18	03:25PM	04:50PM	MW	IT 106
WEL	08/27/18	12/14/18	05:00PM	06:25PM	MW	IT 106

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

**Instructor:** B Kerr

## MIS-7 Introduction To Music Technology

3 UNITS

**Prerequisite:** None

Description: This introductory course examines the terminology, equipment, techniques, and concepts related to music technology. The course will survey the principles and practices of audio, MIDI synthesis, notation, and audio recording utilizing hardware and software platforms. 36 hours lecture and 54 hours laboratory.

**37591** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:00AM	09:05AM	M	IT 106
WE2	08/27/18	12/14/18	08:00AM	08:50AM	W	IT 106
WEL	08/27/18	12/14/18	09:15AM	10:40AM	MW	IT 106

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

**Instructor:** A Eastwood

## MIS-11A Studio Arts Ensemble I

2 UNITS

**Prerequisite:** None Limitation on enrollment: Audition on or before the first class meeting

Description: An ensemble designed for instrumentalists and vocalists interested in the popular music and entertainment industries. This ensemble is open to: singers, guitarists, drummers, bassists, horn players, string players and keyboardists who work collaboratively to study, perform and/or record selected popular musical arrangements. The music studied in this class will be chosen from a diverse body of popular music literature. Subsequent enrollment will provide students an opportunity for additional skill development and competency in the subject area. May be taken a total of two times. 108 hours laboratory. (TBA option)

**37583** Last day to add: 09/27/18

WEL	08/27/18	12/14/18	04:15PM	06:10PM	TTH	THTR 204
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The above section is a web-enhanced class and has additional laboratory hours to be arranged. Internet access is required. In addition to the time spent in class, students are expected to perform outside of class at various locations throughout the semester. All concert dates and times will be listed on the class syllabus. Contact the instructor for additional information.

**Instructor:** T Walton

## MIS-11B Studio Arts Ensemble II

2 UNITS

**Prerequisite:** MIS-11A

Description: A continuation of the skill development of instrumentalists and vocalists interested in the popular music and entertainment industries. This ensemble is open to: singers, guitarists, drummers, bassists, horn players, string players and keyboardists who work collaboratively to study, perform and/or record selected popular musical arrangements. The music studied in this class will be chosen from a diverse body of popular music literature. Subsequent enrollment will provide students an opportunity for additional skill development and competency in the subject area. May be taken a total of two times. 108 hours laboratory. (TBA option)

**37584** Last day to add: 09/27/18

WEL	08/27/18	12/14/18	04:15PM	06:10PM	TTH	THTR 204
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The above section is a web-enhanced class and has additional laboratory hours to be arranged. Internet access is required. In addition to the time spent in class, students are expected to perform outside of class at various locations throughout the semester. All concert dates and times will be listed on the class syllabus. Contact the instructor for additional information.

**Instructor:** T Walton

## MIS-12 Live Sound Reinforcement

3 UNITS

**Prerequisite:** None

Description: This course is an overview of live concert sound reinforcement. This course focuses on the fundamentals of equipment set up and configuration, mixing surfaces, amplifiers, speakers, signal path, signal processing, microphones, monitoring and mixing techniques and acoustics. This course offers opportunities for hands-on experience in troubleshooting, sound checking and mixing live sound. 36 hours lecture and 54 hours laboratory.

**37585** Last day to add: 09/07/18

WE	08/27/18	12/14/18	09:40AM	10:45AM	T	THTR 204
WE2	08/27/18	12/14/18	09:40AM	10:30AM	TH	THTR 204
WEL	08/27/18	12/14/18	10:55AM	12:20PM	T	THTR 204
WEL2	08/27/18	12/14/18	10:40AM	12:05PM	TH	THTR 204

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

**Instructor:** K Kamerin

## MARKETING

### MKT-20 Principles of Marketing

3 UNITS

**Prerequisite:** None

**Advisory:** BUS-10

Description: Examines the role of marketing as it relates to society and economic development. The course will analyze products, consumer, marketing research and strategic market planning. The course will survey with a global perspective, the selection of target markets as well as the development of the marketing mix place, product, price and promotion. 54 hours lecture.

**37592** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	09:40PM	T	JFK 112
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** M Ferguson



## MUSIC

### MUS-3 Fundamentals of Music

4 UNITS

**Prerequisite:** None

**Advisory:** Concurrent enrollment in an appropriate level piano class

**Description:** Basic course in music theory designed to develop an understanding of notation, rhythm, pitch, keys, modes, scales, intervals, chords and music terminology. Basic sight singing, dictation and music reading at the piano. 54 hours lecture and 54 hours laboratory. (TBA option)

**37595** Last day to add: 09/07/18

WE	08/27/18	12/14/18	07:40AM	08:50AM	M	HUM 101
WE2	08/27/18	12/14/18	07:40AM	08:30AM	WF	HUM 101
WEL	08/27/18	12/14/18	08:50AM	09:40AM	M	HUM 101
WEL2	08/27/18	12/14/18	08:30AM	09:20AM	W	HUM 101

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

**Instructor:** K Kamerin

### MUS-5 Music Theory II

4 UNITS

**Prerequisite:** MUS-4 or the equivalent

**Advisory:** Concurrent enrollment in an appropriate level piano class

**Description:** This course incorporates the concepts from Music Theory I. In addition, through guided composition and analysis, the course will include: Common Practice period voice leading involving four-part chorale writing; diatonic harmony; chromatic harmony; secondary/applied chords; modulation; borrowed chords; the Neapolitan chord; augmented sixth chords; and an introduction to binary and ternary forms. Lab includes chromatic sight singing and ear training including melodic, harmonic and rhythmic dictation. Keyboard requirements include playing chromatic chord progressions. 54 hours lecture and 54 hours laboratory. (TBA option)

**37605** Last day to add: 09/07/18

WE	08/27/18	12/14/18	07:40AM	08:50AM	M	HUM 101
WE2	08/27/18	12/14/18	07:40AM	08:30AM	WF	HUM 101
WEL	08/27/18	12/14/18	08:50AM	09:40AM	M	HUM 101
WEL2	08/27/18	12/14/18	08:30AM	09:20AM	W	HUM 101

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

**Instructor:** K Kamerin

### 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.

**37835** Last day to add: 09/07/18

OL	08/27/18	12/14/18	ON LINE			
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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:** I Zubizarreta

### 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.

**37593** Last day to add: 09/07/18

WE	08/27/18	12/14/18	12:45PM	02:10PM	MW	THTR 101
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** E Holt

### MUS-23 History of Rock and Roll

3 UNITS

**Prerequisite:** None

**Description:** A comprehensive study of rock and roll music from its origins to the present with emphasis on the historical, musical, and sociological influences. Study includes listening to music and identifying stylistic trends and influential artists. 54 hours lecture.

**37594** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	03:25PM	TTH	IT 101
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** N Pirozzi

### 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.

**37836** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:30PM	09:40PM	TH	HUM 102
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** T Walton

### MUS-31 College Choir

1 UNIT

**Prerequisite:** None

**Description:** A vocal ensemble of mixed voices dedicated to the study, rehearsal, and performance of a variety of choral literature. May be taken a total of four times. 54 hours laboratory.

**37837** Last day to add: 09/07/18

LAB	08/27/18	12/14/18	02:00PM	03:25PM	TTH	THTR 204
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**Instructor:** K Kamerin

### MUS-32A Class Piano I

1 UNIT

**Prerequisite:** None

**Description:** This beginning course focuses on developing the skills needed for performing on piano, including reading from music notation, rhythm study, technique, expression, improvisation, harmonization, transposition, repertoire and style study. 54 hours laboratory.

**37597** Last day to add: 09/07/18

LAB	08/27/18	12/14/18	12:45PM	02:10PM	MW	HUM 101
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**Instructor:** N Pirozzi

## MUS-32B Class Piano II

1 UNIT

**Prerequisite:** MUS-32A or the equivalent

Description: Continuation of the skills studied in MUS 32A focusing on techniques needed for performing on piano, including playing select major and parallel minor scales, reading music on the grand staff, tapping rhythms, harmonizing melodies using simple accompaniments, transposing, and simple score reading. 54 hours laboratory.

**37598** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 02:30PM 03:55PM MW HUM 101

**Instructor:** N Pirozzi

## MUS-32C Class Piano III

1 UNIT

**Prerequisite:** MUS-32B or the equivalent

Description: Continuation of the skills studied in MUS 32B focusing on keyboard techniques required for playing major and minor scales, diatonic chord progressions, harmonizing melodies, transposing, accompanying, score reading, reading chord symbols, sight reading and performance of intermediate-level piano learning pieces. 54 hours laboratory.

**37599** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 02:30PM 03:55PM MW HUM 101

**Instructor:** N Pirozzi

## MUS-32D Class Piano IV

1 UNIT

**Prerequisite:** MUS-32C or the equivalent

Description: Culmination of keyboard skills previously studied focusing on increasing keyboard facility for playing major and minor scales and arpeggios, diatonic chord progressions, harmonizing melodies, modulating, transposing, accompanying, simple score reading, sight reading and performance of piano pieces from the standard classical piano teaching literature. 54 hours laboratory.

**37600** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 02:30PM 03:55PM MW HUM 101

**Instructor:** N Pirozzi

## MUS-37 Class Guitar

1 UNIT

**Prerequisite:** None

Description: Development of basic guitar playing skills, including reading from music notation, reading chord symbols, transposition, and playing open chords, barre chords, scales, and simple melodies. 54 hours laboratory.

**37601** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 04:15PM 05:40PM MW THTR 204

**Instructor:** Staff

## MUS-38 Beginning Applied Music I

2 UNITS

**Prerequisite:** None Limitation on enrollment: Audition on or before the first class meeting

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 a minimum of 6.75 hours a week in a combination of individualized practice, lessons and concert attendance. Not designed for beginning students. May be taken a total of four times. 108 hours laboratory.

**37602** Last day to add: 09/29/18

WEL 08/27/18 12/14/18

The above section is a web-enhanced class and has a 108-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. A mandatory instructional meeting will be held on Thursday, August 31st, from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, September 1st. 6 hours of lessons and 6 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 6 hours each week. For additional information, please email the instructor. kim.kamerin@norcollege.edu or call 951-738-7703.

**Instructor:** K Kamerin

## MUS-39 Applied Music I

3 UNITS

**Prerequisite:** None Limitation on enrollment: Audition on or before the first class meeting

Corequisite: Enrollment in a two- or three-unit performance class.

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 10.125 hours per week in a combination of individualized practice, lessons, concert attendance and individual performance. Not designed for beginning students. May be taken a total of four times. 162 hours laboratory.

**37603** Last day to add: 09/29/18

WEL 08/27/18 12/14/18

The above section is a web-enhanced class and has a 162-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. A mandatory instructional meeting will be held on Thursday, August 31st from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, September 1st. 9 hours of lessons and 9 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 9 hours each week. For additional information, please email the instructor. kim.kamerin@norcollege.edu or call 951-738-7703.

**Instructor:** K Kamerin

## MUS-41 Chamber Singers

2 UNITS

**Prerequisite:** None Limitation on enrollment: Audition on or before the first class meeting

Description: This course is for the study, rehearsal, and public performance of literature for vocal chamber ensemble, with an emphasis on the development of skills needed to perform within an ensemble. Different literature will be studied each semester. Participation in public performances is required. May be taken a total of four times. 108 hours laboratory. (TBA option)

**37604** Last day to add: 09/28/18

WEL 08/27/18 12/14/18 11:15AM 12:35PM MWF THTR 204

The above section has additional laboratory hours to be arranged. In addition to the time spent in class, students are expected to perform outside of class at various locations throughout the semester. All concert dates and times will be listed on the class syllabus. Contact the instructor for additional information. The above section is a web-enhanced class. Internet access is required.

**Instructor:** K Kamerin

## MUS-70 Guitar Lab Ensemble

1 UNIT

**Prerequisite:** MUS-37 Limitation on enrollment: Audition on or before first class meeting

Description: Study and performance of beginning and intermediate literature for guitar ensemble. May be taken a total of four times. 54 hours laboratory.

**37838** Last day to add: 09/07/18

WEL 08/27/18 12/14/18 06:00PM 07:15PM MW THTR 204

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

**Instructor:** Staff

## MUS-78 Beginning Applied Music II

2 UNITS

**Prerequisite:** None Limitation on enrollment: Audition on or before the first class meeting

Description: Advanced vocal or instrumental instruction for students who are proficient performers and could benefit from individualized instruction as determined by audition. Course includes individual lessons, supervised practice, individual performance, and jury evaluations. Not designed for beginning students. Course may be taken a total of four times. 108 hours laboratory. (TBA option)

**37606** Last day to add: 09/29/18

WEL 08/27/18 12/14/18

The above section is a web-enhanced class and has a 108-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. A mandatory instructional meeting will be held on Thursday, August 31st from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, September 1st. 6 hours of lessons and 6 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 6 hours each week. For additional information, please email the instructor. kim.kamerin@norcollege.edu or call 951-738-7703.

**Instructor:** K Kamerin

## MUS-79 Applied Music II

3 UNITS

**Prerequisite:** None Limitation on enrollment: Audition on or before the first class meeting.

Corequisite: Enrollment in a two-unit performance class.

Description: Advanced vocal or instrumental instruction for students who are proficient performers and could benefit from individualized instruction as determined by audition. Each student must complete 10.125 hours per week 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. 162 hours laboratory.

**37607** Last day to add: 09/29/18

WEL 08/27/18 12/14/18

The above section is a web-enhanced class and has a 162-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. A mandatory instructional meeting will be held on Thursday, August 31st from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, September 1st. 9 hours of lessons and 9 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 9 hours each week. For additional information, please email the instructor. kim.kamerin@norcollege.edu or call 951-738-7703.

**Instructor:** K Kamerin

## MUS-89 Music of Multicultural America

3 UNITS

**Prerequisite:** None.

Description: A comparative and integrative study of the multicultural musical styles of the United States.

**37608** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

See www.opencampus.com.

**Instructor:** I Zubizarreta

## 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.

**37613** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

See www.opencampus.com.

**Instructor:** L Montes

## 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.

**37610** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 09:25AM TTH HUM 102

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

**Instructor:** J Sentmanat

## 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.

**37612** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH ATEC 205

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

**Instructor:** J Sentmanat

## 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.

**37611** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 03:25PM TTH STEM 302

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

**Instructor:** J Sentmanat

## 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.

**37609** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM M LIBR 110

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

**Instructor:** M Murphey

## 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.

**37614** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH ATEC 114

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

**Instructor:** M Murphey

## PHI-11 Critical Thinking

3 UNITS

**Prerequisite:** None

**Advisory:** REA-82

Description: This course presents critical thinking as a skill to be used for better understanding, evaluating, and constructing arguments. The focus will be on developing and enhancing the student's ability to identify, analyze, and present arguments. Topics covered through analysis and writing include the nature of argument, inductive and deductive reasoning, rhetoric, theory of knowledge, scientific method, and informal fallacies. 54 hours lecture.

**37618** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** L Montes

## PHI-11 Critical Thinking

3 UNITS

**Prerequisite:** None

**Advisory:** REA-82

Description: This course presents critical thinking as a skill to be used for better understanding, evaluating, and constructing arguments. The focus will be on developing and enhancing the student's ability to identify, analyze, and present arguments. Topics covered through analysis and writing include the nature of argument, inductive and deductive reasoning, rhetoric, theory of knowledge, scientific method, and informal fallacies. 54 hours lecture.

**37619** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:00AM 08:35AM TTH IT 209

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

**Instructor:** J Gill

## PHI-11 Critical Thinking

3 UNITS

**Prerequisite:** None

**Advisory:** REA-82

Description: This course presents critical thinking as a skill to be used for better understanding, evaluating, and constructing arguments. The focus will be on developing and enhancing the student's ability to identify, analyze, and present arguments. Topics covered through analysis and writing include the nature of argument, inductive and deductive reasoning, rhetoric, theory of knowledge, scientific method, and informal fallacies. 54 hours lecture.

**37616** Last day to add: 09/07/18

WE 08/27/18 12/14/18 10:30AM 02:35PM F ATEC 205

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

**Instructor:** T Farmer



## PHI-11 Critical Thinking

3 UNITS

**Prerequisite:** None

**Advisory:** REA-82

Description: This course presents critical thinking as a skill to be used for better understanding, evaluating, and constructing arguments. The focus will be on developing and enhancing the student's ability to identify, analyze, and present arguments. Topics covered through analysis and writing include the nature of argument, inductive and deductive reasoning, rhetoric, theory of knowledge, scientific method, and informal fallacies. 54 hours lecture.

**37617** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH IT 208

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

**Instructor:** J Gill

## PHI-12 Ethics: Contemp Moral Issues

3 UNITS

**Prerequisite:** None.

Description: An examination of contemporary moral problems in light of ethical theory.

**37620** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW IT 101

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

**Instructor:** J Sentmanat

## PHI-35 Philosophy of Religion

3 UNITS

**Prerequisite:** None

**Advisory:** PHI-10 or PHI-11 and REA-83 and qualification for ENG-1A

Description: An introduction to the examination of religious claims from a philosophical perspective. Emphasis will be placed upon examining the rational justification for various traditional faith claims, and upon examining the relationship between rationality and faith. The course presumes a basic knowledge of philosophical argumentation. 54 hours lecture.

**37816** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW WEQ W7

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

**Instructor:** J Sentmanat

## PHYSICAL SCIENCE

### PHS-1 Introduction to Physical Science

3 UNITS

**Prerequisite:** None

Description: Fundamental concepts of earth, space, and environmental science (astronomy, geology, meteorology, and oceanography) and principles of physics and chemistry, especially as they relate to these fields. Emphasis is placed on the application of science in the understanding and solution of environmental problems. 54 hours lecture.

**37622** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 08:00AM 09:25AM TTH HUM 201

**Instructor:** D Johnson

## PHYSICS

### PHY-2B General Physics II

4 UNITS

**Prerequisite:** PHY-2A

Description: Meets the requirements for students majoring in biological science, including pre-medical and pre-dental students. This course includes: study of thermodynamics, including temperature, methods of heat transfer, calorimetry, ideal gas law, laws of thermodynamics, entropy, and heat engines; study of electricity and magnetism, including electric field and potential, Gauss Law, current, Ohm's Law, capacitance and inductance, Faradays Law; study of optics, including electromagnetic waves, reflection, refraction, interference, and diffraction; study of modern physics, including the photoelectric effect, de Broglie wavelength, quantum numbers, and radioactive decay. 54 hours lecture and 54 hours laboratory. (Letter grade or Pass/No Pass option)

**37800** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH HUM 201

WEL 08/27/18 12/14/18 02:00PM 05:10PM TH HUM 201

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

**Instructor:** O Tripathi

### PHY-4A Mechanics

4 UNITS

**Prerequisite:** None

**Corequisite:** MAT-1A

Description: Examines vectors, particle kinematics and dynamics, work and power, conservation of energy and momentum, rotation, oscillations and gravitation. 54 hours lecture and 54 hours laboratory.

**37626** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:15AM 10:40AM MW HUM 201

WEL 08/27/18 12/14/18 02:00PM 05:10PM W HUM 201

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

**Instructor:** S Abachi

### PHY-4A Mechanics

4 UNITS

**Prerequisite:** None

**Corequisite:** MAT-1A

Description: Examines vectors, particle kinematics and dynamics, work and power, conservation of energy and momentum, rotation, oscillations and gravitation. 54 hours lecture and 54 hours laboratory.

**37627** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH HUM 201

WEL 08/27/18 12/14/18 02:00PM 05:10PM T HUM 201

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

**Instructor:** Staff

## PHY-4C Heat, Light and Waves

4 UNITS

**Prerequisite:** PHY-4A

**Corequisite:** MAT-1B

Description: Examines fluid mechanics; temperature, heat transfer, thermal properties of matter, laws of thermodynamics; oscillations and waves; reflection, refraction, lenses and mirrors, interference, and diffraction. 54 hours lecture and 54 hours laboratory.

**37629** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 12:25PM MW HUM 201

WEL 08/27/18 12/14/18 02:00PM 05:10PM M HUM 201

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

**Instructor:** S Abachi

## PHY-10 Introduction to General Physics

3 UNITS

**Prerequisite:** MAT-52

Description: A non-science major physics course covering mechanics, properties of matter, heat, sound, light, electricity and magnetism, and nuclear physics. 54 hours lecture.

**37624** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 04:15PM 05:40PM TTH IT 101

**Instructor:** D Johnson

## PHY-10 Introduction to General Physics

3 UNITS

**Prerequisite:** MAT-52

Description: A non-science major physics course covering mechanics, properties of matter, heat, sound, light, electricity and magnetism, and nuclear physics. 54 hours lecture.

**37623** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 06:00PM 07:25PM MW HUM 201

**Instructor:** Staff

## PHY-11 Physics Laboratory

1 UNIT

**Prerequisite:** None

**Corequisite:** PHY-10

Description: An optional laboratory science course for the non-science major. Emphasis on laboratory techniques, student experimentation and laboratory demonstrations. 54 hours laboratory.

**37625** Last day to add: 09/07/18

LAB 08/27/18 12/14/18 06:00PM 09:10PM TH HUM 201

**Instructor:** O Tripathi

## 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.

**37637** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** S Popiden

### 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.

**37641** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** S Popiden

### 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.

**37932** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** S Popiden

### 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.

**37644** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 09:25AM TTH IT 122

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

**Instructor:** R Brown

### 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.

**37630** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:15AM 10:40AM MW IT 122

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

**Instructor:** C Moffatt

## 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.

**37634** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 12:25PM MW IT 122

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

**Instructor:** C Moffatt

## 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.

**37633** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH LIBR 110

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

**Instructor:** C Moffatt

## 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.

**37642** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW STEM 201

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

**Instructor:** K Kazanjian

## 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.

**37635** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:40PM 04:05PM MW WEQ W3

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

**Instructor:** C Samuels

## 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.

**37636** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM MW THTR 101

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

**Instructor:** F Carballo

## 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.

**37638** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM MW IT 122

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

**Instructor:** K Kazanjian

## 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.

**37643** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM TTH IT 122

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

**Instructor:** Staff

## 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.

**37639** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM M THTR 101

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

**Instructor:** E Kehlenbach

## 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.

**37631** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T THTR 101

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

**Instructor:** C Samuels

## 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.

**37640** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM W IT 202

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

**Instructor:** F Carballo

## 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.

**37632** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH STEM 201

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

**Instructor:** C Samuels

## 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.

**37646** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH IT 122

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

**Instructor:** R Brown

## POL-13 Introduction American Foreign Policy 3 UNITS

**Prerequisite:** None

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

Description: The goal of this course is to provide students with comprehensive and critical coverage of U.S. foreign policy since W.W.II. Through a coherent chronological narrative, the course traces the evolution of U.S. foreign policy from its assumption of world leadership during and after World War II to its present concerns with sprouting democracies, a militarized policy, and global economic and political interdependence. 54 hours lecture.

**37645** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:00PM 03:25PM TTH IT 122

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

**Instructor:** R Brown

## 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.

**37648** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** L Adams

### 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.

**37655** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** L Adams

### 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.

**37833** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:15AM 10:40AM MW IT 202

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

**Instructor:** Staff



## 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.

**37656** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH IT 202

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

**Instructor:** G Germa

## 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.

**37647** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 02:10PM F IT 122

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

**Instructor:** B Adams

## 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.

**37652** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW IT 122

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

**Instructor:** N Hightower

## 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.

**37649** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM MW IT 202

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

**Instructor:** N Hightower

## 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.

**37653** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM TTH IT 202

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

**Instructor:** Staff

## 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.

**37651** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM M WEQW3

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

**Instructor:** L Crawford

## 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.

**37654** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH ATEC 205

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

**Instructor:** W Holmquist

## 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.

**37659** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH IT 122

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

**Instructor:** L Adams

## 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.

**37658** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW IT 202

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

**Instructor:** L Adams

## PSY-8 Introduction to Social Psychology 3 UNITS

**Prerequisite:** None.

Description: The study of individual human behavior in relation to the social environment.

**37664** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 12:25PM MW IT 202

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

**Instructor:** L Adams

## PSY-9 Developmental Psychology 3 UNITS

**Prerequisite:** None

Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**37672** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** K Zamiska

## PSY-9 Developmental Psychology 3 UNITS

**Prerequisite:** None

Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**37933** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** K Zamiska

## PSY-9 Developmental Psychology 3 UNITS

**Prerequisite:** None

Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**37666** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:30AM 10:40AM F IT 109

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

**Instructor:** Staff

## PSY-9 Developmental Psychology 3 UNITS

**Prerequisite:** None

Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**37834** Last day to add: 09/07/18

WE 08/27/18 12/14/18 07:35AM 09:00AM MW IT 202

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

**Instructor:** H Alvarado

## PSY-9 Developmental Psychology 3 UNITS

**Prerequisite:** None

Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**37671** Last day to add: 09/07/18

WE 08/27/18 12/14/18 08:00AM 09:25AM TTH IT 202

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

**Instructor:** G Germa

## PSY-9 Developmental Psychology 3 UNITS

**Prerequisite:** None

Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**37669** Last day to add: 09/12/18

WE 09/01/18 12/08/18 08:00AM 11:10AM S ATEC 114

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**Instructor:** J Hicks

## PSY-9 Developmental Psychology 3 UNITS

**Prerequisite:** None

Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**37665** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:15AM 10:40AM MW IT 101

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

**Instructor:** H Alvarado

## PSY-9 Developmental Psychology 3 UNITS

**Prerequisite:** None

Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**37668** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:15AM 12:40PM TTH WEQW5

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

**Instructor:** Staff

## PSY-9 Developmental Psychology 3 UNITS

**Prerequisite:** None

Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**37667** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW IT 122

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

**Instructor:** N Hightower

## PSY-9 Developmental Psychology 3 UNITS

**Prerequisite:** None

Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**37670** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T ATEC 114

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

**Instructor:** W Holmquist

## PSY-33 Theories of Personality

3 UNITS

**Prerequisite:** None.

Description: A survey and assessment of the basic concepts, theories, science, and principles of the prevailing theories of personality.

**37660** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T ATEC 205

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

**Instructor:** W Radtke

## PSY-35 Abnormal Psychology

3 UNITS

**Prerequisite:** None.

Description: A survey of the nature, causes and treatment of psychological disorder.

**37661** Last day to add: 09/07/18

WE 08/27/18 12/14/18 09:40AM 11:05AM TTH IT 101

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

**Instructor:** K Zamiska

## PSY-50 Research Methods in Psychology

4 UNITS

**Prerequisite:** PSY-1 and MAT-12 or MAT-12H

Description: This course introduces students to psychological research methods with emphasis on the use of the scientific method. The laboratory will complement the lectures and allow each student to design and conduct behavioral research, including collecting and analyzing research data. 63 hours lecture and 27 hours laboratory.

**37662** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:30PM 02:25PM MW WEQ W6B

WEL 08/27/18 12/14/18 10:25AM 11:50AM W STEM 302

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

**Instructor:** K Zamiska

## PSY-50 Research Methods in Psychology

4 UNITS

**Prerequisite:** PSY-1 and MAT-12 or MAT-12H

Description: This course introduces students to psychological research methods with emphasis on the use of the scientific method. The laboratory will complement the lectures and allow each student to design and conduct behavioral research, including collecting and analyzing research data. 63 hours lecture and 27 hours laboratory.

**37663** Last day to add: 09/07/18

WE 08/27/18 12/14/18 03:35PM 05:25PM TTH IT 208

WEL 08/27/18 12/14/18 10:25AM 11:50AM M STEM 302

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

**Instructor:** K Zamiska

## READING

### REA-4 Critical Reading as Critical Thinking

3 UNITS

**Prerequisite:** None

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

Description: This course is intended for students to fully understand the relationship between critical reading and critical thinking. Emphasis will be placed on the development of reading skills in the interpretation, analysis, criticism and advocacy of ideas encountered in academic reading. 54 hours lecture.

**37915** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:00AM 02:10PM F IT 210

**Instructor:** M Sloniger

### REA-83 College Reading and Thinking

3 UNITS

**Prerequisite:** REA-82 or ESL-73 or qualifying placement level

Description: Intended for students who experience moderate difficulty in reading college-level material. Instruction in reading skills at a more advanced level than those covered in REA-82. 54 hours lecture. (Non-degree credit course. Letter Grade or Pass/No Pass option.)

**37680** Last day to add: 09/07/18

OL 08/27/18 12/14/18 ON LINE

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

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

**Instructor:** P Van Osterhoudt

### REA-83 College Reading and Thinking

3 UNITS

**Prerequisite:** REA-82 or ESL-73 or qualifying placement level

Description: Intended for students who experience moderate difficulty in reading college-level material. Instruction in reading skills at a more advanced level than those covered in REA-82. 54 hours lecture. (Non-degree credit course. Letter Grade or Pass/No Pass option.)

**37679** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 08:00AM 09:25AM TTH LIBR 110

**Instructor:** M Sloniger

### REA-83 College Reading and Thinking

3 UNITS

**Prerequisite:** REA-82 or ESL-73 or qualifying placement level

Description: Intended for students who experience moderate difficulty in reading college-level material. Instruction in reading skills at a more advanced level than those covered in REA-82. 54 hours lecture. (Non-degree credit course. Letter Grade or Pass/No Pass option.)

**37903** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:15AM 10:40AM MW LIBR 110

**Instructor:** M Sloniger

### REA-83 College Reading and Thinking

3 UNITS

**Prerequisite:** REA-82 or ESL-73 or qualifying placement level

Description: Intended for students who experience moderate difficulty in reading college-level material. Instruction in reading skills at a more advanced level than those covered in REA-82. 54 hours lecture. (Non-degree credit course. Letter Grade or Pass/No Pass option.)

**37901** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:40AM 11:05AM TTH LIBR 110

**Instructor:** M Sloniger

## REA-83 College Reading and Thinking 3 UNITS

**Prerequisite:** REA-82 or ESL-73 or qualifying placement level

Description: Intended for students who experience moderate difficulty in reading college-level material. Instruction in reading skills at a more advanced level than those covered in REA-82. 54 hours lecture. (Non-degree credit course. Letter Grade or Pass/No Pass option.)

**37902** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:00AM 12:25PM MW LIBR 110

**Instructor:** M Sloniger

## 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.

**37681** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** S Doll

### RLE-80 Real Estate Principles 3 UNITS

**Prerequisite:** None.

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

**37682** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** L Namazi

### RLE-80 Real Estate Principles 3 UNITS

**Prerequisite:** None.

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

**37683** Last day to add: 09/05/18

HYB 09/01/18 10/13/18 08:00AM 10:50AM S

HYBO 09/01/18 10/13/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** L Namazi

### 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.

**37684** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**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.

**37685** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**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.

**37686** Last day to add: 09/04/18

OL 08/27/18 10/21/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** T Wagner

### RLE-83 Real Estate Finance 3 UNITS

**Prerequisite:** None.

Description: Analysis of real estate finance in residential, apartment, commercial and special purpose properties.

**37687** Last day to add: 10/30/18

OL 10/22/18 12/14/18 ON LINE

The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** S Doll

### RLE-83 Real Estate Finance 3 UNITS

**Prerequisite:** None.

Description: Analysis of real estate finance in residential, apartment, commercial and special purpose properties.

**37905** Last day to add: 10/24/18

HYB 10/20/18 12/08/18 08:00AM 09:25AM S

HYBO 10/20/18 12/08/18 ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** L Namazi



## 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

**37692** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 07:35AM 09:00AM MW HUM 102

**Instructor:** K Andacheh

### 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

**37694** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 08:00AM 09:25AM TTH STEM 201

**Instructor:** K Andacheh

### 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

**37695** Last day to add: 09/12/18

LEC 09/01/18 12/08/18 08:00AM 11:35AM S HUM 111

The above section is a short term class. Please note the start and end dates.

**Instructor:** M Chavez

### 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

**37698** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:40AM 11:05AM TTH STEM 201

**Instructor:** K Andacheh

### 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

**37697** Last day to add: 09/07/18

WE 08/27/18 12/14/18 11:00AM 02:10PM F IT 117

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

**Instructor:** M Ysais

### 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

**37689** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:15AM 12:40PM TTH STEM 201

**Instructor:** K Andacheh

## 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

**37832** Last day to add: 09/07/18

WE 08/27/18 12/14/18 12:45PM 02:10PM MW IT 209

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

**Instructor:** J Hill

## 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

**37691** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM TTH IT 117

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

**Instructor:** R Halili

## 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

**37696** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM MW WEQ W6A

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

**Instructor:** J Hill

## 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

**37699** Last day to add: 09/07/18

WE 08/27/18 12/14/18 04:15PM 05:40PM TTH IT 117

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

**Instructor:** J Hill

## 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

**37700** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM W IT 211

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

**Instructor:** F Vu

## 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

**37690** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH WEQ W6A

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

**Instructor:** J Hill

## SOC-1H Honors Introduction to Sociology 3 UNITS

**Prerequisite:** None Limitation on enrollment: Enrollment in the RCCD Honors Program

Description: An honors level introduction to the basic concepts relating to the study of social behavior and human groups. This honors level course includes investigation into the foundations of sociology including theoretical perspectives, research methodology, and the components of social structure. Social interaction, culture, and social inequality (including, but not limited to, race, gender, sex, and social class), and dimensions of social change will be examined. Students may not receive credit for both SOC-1 and SOC-1H. 54 hours lecture.

**37831** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 11:00AM 12:25PM MW IT 208

**Instructor:** K Andacheh

## 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.

**37704** Last day to add: 09/07/18

WE 08/27/18 12/14/18 02:30PM 03:55PM MW WEQ W6B

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

**Instructor:** J Hill

## SOC-10 Race And Ethnic Relations 3 UNITS

**Prerequisite:** None

Description: An introduction to the relevant theories and operational definitions that ground the study of race and ethnic relations in the social sciences. Extensive treatment of prejudice, discrimination and the concept of racism. The course brings into sharper focus the history and contemporary status of White ethnics, religious minorities, American-Indians, African-Americans, Hispanic-Americans, and women in the United States. Social institutions, such as family, education, politics, and the economy receive special attention for each group. The similarities and differences in ethnic hostilities between the U.S. and other societies are closely examined. 54 hours lecture

**37701** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM W JFK 114

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

**Instructor:** J Hill

## SOC-12 Marriage and Family Relations 3 UNITS

**Prerequisite:** None

**Advisory:** SOC-1 and ENG-50

Description: Examines the major trends in marriage, families, and intimate relationships. Focuses on how inequality and diversity affect intimate and family relations. Discusses the dynamics of gender inequality among families and couples and how family life is shaped by race and ethnicity, social class, and sexuality. Discusses issues of interpersonal violence, divorce, and life in later years. 54 hours lecture.

**37702** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM M WEQ W6A

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

**Instructor:** F Vu

## SOC-15 Women Amer Society 3 UNITS

**Prerequisite:** None.

Description: The social implications of the women's role in American society.

**37703** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM TH IT 117

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

**Instructor:** F Vu

## SOC-20 Introduction to Criminology 3 UNITS

**Prerequisite:** None.

Description: A sociological analysis of crime, criminal law and criminality.

**37705** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM T IT 101

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

**Instructor:** J Hill

## SOC-50 Introduction to Social Research Methods 3 UNITS

**Prerequisite:** SOC-1

Description: Examination of the fundamental elements of empirical research and the ways sociologists think critically, including attention to the nature of theory, hypothesis, variables and ethics of research. Application of qualitative and quantitative analytic tools including logic and research design, such as experimental, survey, observational, comparative historical research and case studies. 54 hours lecture.

**37706** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 09:15AM 10:40AM MW IT 117

**Instructor:** K Andacheh

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

**37707** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:00AM	11:10AM	W	LIBR 109
WE2	08/27/18	12/14/18	08:00AM	10:05AM	M	LIBR 121
WEL	08/27/18	12/14/18	10:10AM	11:00AM	M	LIBR 121

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

**Instructor:** D Hitchcock

### SPA-1 Spanish 1 5 UNITS

**Prerequisite:** None

**Advisory:** Completion of placement test to assess level of proficiency in Spanish.  
**Description:** This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory.(TBA option)(Letter Grade, or Pass/No Pass option.)

**37713** Last day to add: 09/07/18

HYB	08/27/18	12/14/18	08:00AM	11:15AM	F	LIBR 121
HYB0	08/27/18	12/14/18	11:20AM	12:30PM	F	LIBR 121
HYBL	08/27/18	12/14/18				ON LINE

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

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

**Instructor:** D Hitchcock

### SPA-1 Spanish 1 5 UNITS

**Prerequisite:** None

**Advisory:** Completion of placement test to assess level of proficiency in Spanish.  
**Description:** This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory.(TBA option)(Letter Grade, or Pass/No Pass option.)

**37866** Last day to add: 09/12/18

HYB	09/01/18	12/08/18	08:00AM	11:35AM	S	LIBR 121
HYB0	09/01/18	12/08/18	11:45AM	12:50PM	S	LIBR 121
HYBL	09/01/18	12/08/18				ON LINE

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

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** Staff

### SPA-1 Spanish 1 5 UNITS

**Prerequisite:** None

**Advisory:** Completion of placement test to assess level of proficiency in Spanish.  
**Description:** This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory.(TBA option)(Letter Grade, or Pass/No Pass option.)

**37710** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:45AM	02:55PM	M	LIBR 109
WE2	08/27/18	12/14/18	11:45AM	01:50PM	W	LIBR 121
WEL	08/27/18	12/14/18	01:55PM	02:45PM	W	LIBR 121

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

**Instructor:** A Covarrubias



## SPA-1 Spanish 1

5 UNITS

**Prerequisite:** None

**Advisory:** Completion of placement test to assess level of proficiency in Spanish.  
**Description:** This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory.(TBA option)(Letter Grade, or Pass/No Pass option.)

**37926** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	05:10PM	TH	LIBR 109
WE2	08/27/18	12/14/18	02:00PM	04:05PM	T	LIBR 121
WEL	08/27/18	12/14/18	04:10PM	05:00PM	T	LIBR 121

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

**Instructor:** Staff

## SPA-1 Spanish 1

5 UNITS

**Prerequisite:** None

**Advisory:** Completion of placement test to assess level of proficiency in Spanish.  
**Description:** This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory.(TBA option)(Letter Grade, or Pass/No Pass option.)

**37708** Last day to add: 09/07/18

WE	08/27/18	12/14/18	03:00PM	06:10PM	W	LIBR 109
WE2	08/27/18	12/14/18	03:00PM	05:05PM	M	LIBR 121
WEL	08/27/18	12/14/18	05:10PM	06:00PM	M	LIBR 121

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

**Instructor:** A Lomeli Gomez

## SPA-1 Spanish 1

5 UNITS

**Prerequisite:** None

**Advisory:** Completion of placement test to assess level of proficiency in Spanish.  
**Description:** This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory.(TBA option)(Letter Grade, or Pass/No Pass option.)

**37709** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:00PM	09:10PM	T	LIBR 109
WE2	08/27/18	12/14/18	06:00PM	08:05PM	TH	LIBR 121
WEL	08/27/18	12/14/18	08:10PM	09:00PM	TH	LIBR 121

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

**Instructor:** I Vejar

## SPA-1 Spanish 1

5 UNITS

**Prerequisite:** None

**Advisory:** Completion of placement test to assess level of proficiency in Spanish.  
**Description:** This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory.(TBA option)(Letter Grade, or Pass/No Pass option.)

**37712** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:20PM	09:30PM	M	LIBR 109
WE2	08/27/18	12/14/18	06:20PM	08:25PM	W	LIBR 121
WEL	08/27/18	12/14/18	08:30PM	09:20PM	W	LIBR 121

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

**Instructor:** C Solorzano

## 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.)

**37717** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:00AM	11:10AM	M	LIBR 109
WE2	08/27/18	12/14/18	08:00AM	10:05AM	W	LIBR 121
WEL	08/27/18	12/14/18	10:10AM	11:00AM	W	LIBR 121

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

**Instructor:** A Covarrubias

## 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.)

**37716** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:00AM	11:10AM	TH	LIBR 109
WE2	08/27/18	12/14/18	08:00AM	10:05AM	T	LIBR 121
WEL	08/27/18	12/14/18	10:10AM	11:00AM	T	LIBR 121

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

**Instructor:** A Covarrubias

## 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.)

**37927** Last day to add: 09/07/18

WE	08/27/18	12/14/18	02:00PM	05:10PM	T	LIBR 109
WE2	08/27/18	12/14/18	02:00PM	04:05PM	TH	LIBR 121
WEL	08/27/18	12/14/18	04:10PM	05:00PM	TH	LIBR 121

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

**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.)

**37825** Last day to add: 09/07/18

WE	08/27/18	12/14/18	06:20PM	09:30PM	W	LIBR 109
WE2	08/27/18	12/14/18	06:20PM	08:25PM	M	LIBR 121
WEL	08/27/18	12/14/18	08:35PM	09:25PM	M	LIBR 121

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

**Instructor:** R Contreras

## SPA-3 Spanish 3

5 UNITS

**Prerequisite:** SPA-2 or SPA-2H or qualifying placement level on the Spanish assessment test or the equivalent

Description: Development of intermediate 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 intermediate level. This course includes an expanded discussion of Hispanic culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

**37718** Last day to add: 09/07/18

WE	08/27/18	12/14/18	08:00AM	11:10AM	T	LIBR 109
WE2	08/27/18	12/14/18	08:00AM	10:05AM	TH	LIBR 121
WEL	08/27/18	12/14/18	10:10AM	11:00AM	TH	LIBR 121

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

**Instructor:** D Hitchcock

## SPA-11 Culture and Civilization

3 UNITS

**Prerequisite:** None.

Description: Introductory survey of Spanish culture and civilization. Class conducted in English.

**37826** Last day to add: 09/07/18

WE	08/27/18	12/14/18	11:25AM	12:50PM	TTH	LIBR 121
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The above section is a web-enhanced class. Internet access is required.

**Instructor:** P Rivera

## 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.

**37719** Last day to add: 09/04/18

OL	08/27/18	10/21/18	ON LINE
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The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** M Gourley

### 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.

**37721** Last day to add: 09/04/18

OL	08/27/18	10/21/18	ON LINE
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The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** H Bauer

### 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.

**37723** Last day to add: 10/30/18

OL	10/22/18	12/14/18	ON LINE
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The above section is a short term online class. Computer with Internet access required.

See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**Instructor:** C Sorenson

## 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.

**37722** Last day to add: 09/07/18

WE 08/27/18 12/14/18 01:55PM 03:20PM TTH THTR 101

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

**Instructor:** Staff

## 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.

**37720** Last day to add: 09/07/18

WE 08/27/18 12/14/18 06:00PM 09:10PM W THTR 101

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

**Instructor:** Staff

## THE-32 Acting Fundamentals - Theater Games and Exercises

3 UNITS

**Prerequisite:** None

Description: Foundation training for actors through theater games and improvisational exercises for developing expressive freedom, creativity, relaxation, sensory awareness and concentration. Development and preparation of the actor's instrument: voice, speech, body and imagination. Beginning of relationship and motivation. 36 hours lecture and 54 hours laboratory.

**37724** Last day to add: 09/07/18

LEC 08/27/18 12/14/18 03:25PM 04:30PM T THTR 101

LEC2 08/27/18 12/14/18 03:25PM 04:15PM TH THTR 101

LAB 08/27/18 12/14/18 04:30PM 05:55PM TTH THTR 101

**Instructor:** Staff

## 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.

**37725** Last day to add: 09/07/18

WRKO 08/27/18 12/14/18 ON LINE

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 one, one hour orientation at Norco College the first week of the semester. The orientations have been scheduled for: August 27th: 4:00pm, 5:00pm, and 6:00pm, ATEC 119 August 29th: 4:00pm, 5:00pm, and 6:00pm, ATEC 119 Students need to only attend one. 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

## 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.

37726

**Last day to add:** 09/07/18

WRKO 08/27/18 12/14/18

ON LINE

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 one, one hour orientation at Norco College the first week of the semester. The orientations have been scheduled for: August 27th: 4:00pm, 5:00pm, and 6:00pm, ATEC 119 August 29th: 4:00pm, 5:00pm, and 6:00pm, ATEC 119 Students need to only attend one. Students must also meet on-campus for an instructor conference and for final exams. Please see Canvas for specific dates and times.

**Instructor:** M Snow



Transforming lives at

**NORCO**  
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**NC**

## STUDENT SPOTLIGHT

I am a veteran of the United States Navy and served two tours overseas before leaving the military. I always wanted to attend college and chose Norco College for its welcoming of veterans as well as services and resources.

My plan was to become a police officer and I looked into joining the police force before enrolling in college. After taking a few classes in health and nutrition, I decided to switch my focus and become a kinesiology major with the career goal of being a physical therapist.

During my time at Norco College, I worked for the Veterans Resource Center and made friends with other veterans in the Veteran's Club. To me, this was instrumental in my success on achieving my goals and learning that I could dream big and not limit myself to a smaller goal.

I transferred to California State University, San Bernardino to earn my bachelor's degree in kinesiology.

My name is Calvin Klein Gloria and Norco College transformed my life.



**Kinesiology**  
School of STEM

U.S. Navy Veteran

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**CALVIN** Klein Gloria