

## Norco College - Spring 2021 Class Schedule

### Reading the Schedule of Classes

SECT#	COURSE#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>ANTHROPOLOGY</b>								
47362	ANT-1	Physical Anthropology	3			ON-LINE	M Stockdale	MM/DD - MM/DD/YY
The above section is an online class. Computer with internet access required. See www.opencampus.com								
47367	ANT-1	Physical Anthropology	3	W	06:00PM-08:50PM	HUM-111	S Wakim	MM/DD - MM/DD/YY
47375	ANT-2	Cultural Anthropology	3	TTh	11:10AM-12:35PM	QD-201	P Roberts	MM/DD - MM/DD/YY

**Section Number** (points to SECT#)  
**Course Number** (points to COURSE#)  
**Section Notes** (points to Description)  
**Shade denotes evening class (after 4:00pm)** (points to 06:00PM-08:50PM)  
**Building-Room** (points to Bldg-Room)

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### Credit Classes

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>ACCOUNTING</b>								
ACC-1A		Principles of Accounting I						
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. (Letter grade only)								
32000	ACC-1A	Lecture	3			ON-LINE	P Worsham	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a short term class. Please note the start and end dates.								
32001	ACC-1A	Lecture	3			ON-LINE	P Worsham	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32002	ACC-1A	Lecture	3			ON-LINE	P Worsham	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This is a short term class, please note start and end date.								
32003	ACC-1A	Lecture	3			ON-LINE	D White	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This is a short term class, please note start and end date.								
32004	ACC-1A	Lecture	3			ON-LINE	D White	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a short term class. Please note the start and end dates.								

**\* MOST 21SPR CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \***  
**\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \***

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32005	ACC-1A	Lecture	3			ON-LINE	D White	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32006	ACC-1A	Lecture	3			ON-LINE	D White	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ACC-1B Principles of Accounting II</b> 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. (Letter grade only)								
32008	ACC-1B	Lecture	3			ON-LINE	P Worsham	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32009	ACC-1B	Lecture	3			ON-LINE	P Worsham	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a short term class. Please note the start and end dates.								
32010	ACC-1B	Lecture	3			ON-LINE	D White	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
32011	ACC-1B	Lecture	3			ON-LINE	D White	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32012	ACC-1B	Lecture	3			ON-LINE	D White	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a short term class. Please note the start and end dates.								
<b>ACC-55 Applied Accounting/Bookkeeping</b> 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.)								
32015	ACC-55	Lecture	3			ON-LINE	N Ildefonso	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is short-term class. Please note start and end dates.								
<b>ACC-62 Payroll Accounting</b> Prerequisite: ACC-1A or ACC-55 Description: Covers accounting for payroll and examines aspects of the Social Security Act, California Unemployment Insurance Act and the California Worker's Compensation Insurance Act. Payroll principles applied through the use of microcomputers. 54 hours lecture. (Letter Grade, or Pass/No Pass option)								
32016	ACC-62	Lecture	3			ON-LINE	M Scott	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
32017	ACC-62	Lecture	3			ON-LINE	M Scott	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
<b>ACC-65 Computerized Accounting</b> 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.)								
32018	ACC-65	Lecture	3			ON-LINE	N Ildefonso	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a short-term class. Please note start and end dates.								
<b>ACC-67 U.S. and California Income Tax Preparation</b> 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. (Letter grade only)								
32019	ACC-67	Lecture	4			ON-LINE	J Muir	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a short-term class. Please note start and end date.								

## ADMINISTRATION OF JUSTICE

<b>ADJ-1 Introduction to the Administration of Justice</b> 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. (Letter grade only)								
32020	ADJ-1	Lecture	3			ON-LINE	S Williams	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32022	ADJ-1	Lecture	3			ON-LINE	S Williams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ADJ-2 Principles and Procedures of the Justice System</b> Prerequisite: None Description: 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. (Letter grade only)								
32025	ADJ-2	Lecture	3			ON-LINE	M Leese	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33091	ADJ-2	Lecture	3			ON-LINE	M Leese	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Norco High School students participating in Norco College's Dual Enrollment Program.								
ADJ-3	Concepts of Criminal Law							
Prerequisite: None Description: Historical development, philosophy of law and constitutional provisions; definitions, classification of crimes, and their application to the system of administration of justice; legal research, study of case law, methodology, and concepts of law as a social force. 54 hours lecture. (Letter grade only)								
32027	ADJ-3	Lecture	3			ON-LINE	V Graham	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33094	ADJ-3	Lecture	3			ON-LINE	V Graham	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ADJ-5	Community Relations							
Prerequisite: None Description: Examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. 54 hours lecture. (Letter grade only)								
33090	ADJ-5	Lecture	3			ON-LINE	M Leese	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
ADJ-9	Law In American Society							
Prerequisite: None Description: A general survey of practical law intended as an introduction to the American legal system and to acquaint the student with elements of the law that affect everyday legal relationships: criminal and juvenile justice, consumer law, family law, housing law, and individual rights and liberties. Emphasis is placed on the philosophical and political foundations of law and on civil law. Recommended for prelaw students and for others interested in the practical application of the law. 54 hours lecture. (Letter grade only)								
32028	ADJ-9	Lecture	3			ON-LINE	S Williams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32029	ADJ-9	Lecture	3			ON-LINE	S Williams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program.								
33093	ADJ-9	Lecture	3			ON-LINE	S Williams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
ADJ-12	Introduction to Criminalistics							
Prerequisite: None Description: An introduction to the role of criminalistics in criminal investigations. The methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, trace evidence, biological evidence, weapons and firearms, questioned documents, and controlled substances. The categories of direct evidence, circumstantial evidence, physical evidence, testimonial evidence, and exculpatory evidence will be explored, and the pattern, chemical, and biological types of evidence will be examined. 54 hours lecture and 12 hours laboratory. (Letter grade only)								
32023	ADJ-12	Lecture Lab	3			ON-LINE ON-LINE	L Walker	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ADJ-13	Criminal Investigation							
Prerequisite: None Description: Fundamentals of investigation, crime scene searches and documentation, collection and preservation of physical and testimonial evidence, forensic evidence analysis, modus operandi, sources of information, interviews and interrogations, follow-up and case preparation. 54 hours lecture. (Letter grade only)								
32024	ADJ-13	Lecture	3			ON-LINE	S Williams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ADJ-19	Introduction to Policing							
Prerequisite: None Description: The history and development of American policing structures, including an overview of the different eras of policing and its evolution. An examination of community expectations of law enforcement and law enforcement professional expectations. An introduction to chain of command and the structure of police agencies, including recruitment and hiring practices. An analysis of the culture and training within law enforcement agencies, including a factual and research-based analysis of use of force issues. Discussion of successes and challenges within modern policing, including controversial topics within policing. Discussion of community oriented policing strategies, crime analysis, and future needs and evolutions of policing. 54 hours lecture. (Letter grade only)								
33092	ADJ-19	Lecture	3			ON-LINE	S Williams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## ANTHROPOLOGY

ANT-1		Physical Anthropology						
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.								
32031	ANT-1	Lecture	3			ON-LINE	A Gray	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32032	ANT-1	Lecture	3			ON-LINE	A Gray	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32033	ANT-1	Lecture	3			ON-LINE	A Gray	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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32034	ANT-1	Lecture	3			ON-LINE	A Gray	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32035	ANT-1	Lecture	3			ON-LINE	T Heindel	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32037	ANT-1	Lecture	3			ON-LINE	C Buchanan	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33095	ANT-1	Lecture	3			ON-LINE	A Gray	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to CAVA Online High School students participating in Norco College's Dual Enrollment Program.								
33096	ANT-1	Lecture	3			ON-LINE	T Heindel	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
<b>ANT-1L Physical Anthropology Laboratory</b>								
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.								
32038	ANT-1L	Lecture	1			ON-LINE	A Mejia	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32039	ANT-1L	Lecture	1			ON-LINE	A Mejia	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33102	ANT-1L	Lecture	1			ON-LINE	A Mejia	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
<b>ANT-2 Cultural Anthropology</b>								
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.								
32040	ANT-2	Lecture	3			ON-LINE	C Buchanan	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32041	ANT-2	Lecture	3			ON-LINE	C Buchanan	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32042	ANT-2	Lecture	3			ON-LINE	S Xochipiltcatl Vazquez	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ANT-6 Introduction to Archaeology</b>								
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.								
32046	ANT-6	Lecture	3			ON-LINE	C Buchanan	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ANT-7 Anthropology of Religion</b>								
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.								
33109	ANT-7	Lecture	3			ON-LINE	A Gray	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## APPRENTICE

<b>APP-450 Apprenticeship Work Experience</b>								
Prerequisite: None DESCRIPTION: Opportunity to develop attitudes, skills, and knowledge consistent with their selected trade. A journeyman or professional mentor provides instruction and evaluation of skills expected of an apprentice. Emphasis is on trade employability skills and attitudes. Students complete apprenticeship work experience hours at approved trainingsites. This four-unit course requires 300 hours of paid work experience. Students may take up to 16 units of apprenticeship work experiences course offerings. (Letter grade or Pass/No Pass option.)								
33306	APP-450	Lecture	4			ON-LINE	R Wolfer	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to students participating in Norco Colleges Apprenticeship Program. For more information about the apprenticeship program, please contact Carlos Vasquez at Carlos.Vasquez@norcocollege.edu								

## ARCHITECTURE

<b>ARE-24 Architectural Drafting</b>								
Prerequisite: DFT/ENE-21 and DFT/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) and Building Information Modeling (BIM-Revit I), 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 basic structural details. Sketching techniques will also be covered. 27 hours lecture and 90 hours laboratory. Same as DFT-24. (Letter Grade, or Pass/No Pass option.)								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32048	ARE-24	Lecture Lab	3	TTh	06:00PM-09:00PM	ON-LINE REG-MEET	G Alcala	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ARE-36		History of Architecture: Renaissance to Modern						
Prerequisite: None Description: A survey of the major movements in the form, theory and design of Western architecture and art from the Renaissance through the 20th century will be studied analyzed and interpreted in terms of religious social and political context. Particular emphasis will be placed on a comparative study of architectural monuments and architects, the sources of design, meaning of beauty, and conditions that influence the Western architectural traditions. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
32049	ARE-36	Lecture	3	W	06:00PM-08:00PM	REG-MEET	A Nindra	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ARE-37		Architctural Design I						
Prerequisite: None Description: This course is an introduction into the use of determining factors, which revolve around the design of mankind's physical and visual environment. Emphasis is placed on two- and three-dimensional representation dealing with design composition, spatial relationships, and the use of various media for graphic communication. 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
32050	ARE-37	Lecture Lab	3	T	02:00PM-04:00PM	ON-LINE REG-MEET	F Mirzaei	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ART</b>								
ART-1		History of Western Art: Prehistoric, Ancient, and Medieval						
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.)								
33219	ART-1	Lecture	3			ON-LINE	M Chandler	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-2		History of Western Art: Renaissance Thro through Contemporary						
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.)								
32056	ART-2	Lecture	3			ON-LINE	M Chandler	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-6		Art Appreciation						
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. (Same as AHS-6) (Letter Grade, or Pass/No Pass option.)								
32066	ART-6	Lecture	3			ON-LINE	M Chandler	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32067	ART-6	Lecture	3			ON-LINE	M Chandler	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32068	ART-6	Lecture	3			ON-LINE	M Chandler	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33171	ART-6	Lecture	3			ON-LINE	K Skiba	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
33172	ART-6	Lecture	3			ON-LINE	C Goux	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
33309	ART-6	Lecture	3			ON-LINE	C Goux	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
ART-12		Asian Art History						
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.)								
32051	ART-12	Lecture	3			ON-LINE	L Gamage Senarath	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-17		Beginning Drawing						
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.)								
32804	ART-17	Lecture Lab	3			ON-LINE ON-LINE	M Lindeman	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32805	ART-17	Lecture Lab	3			ON-LINE ON-LINE	T Haerens	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32806	ART-17	Lecture Lab	3			ON-LINE ON-LINE	Q Bemiller	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-18	Intermediate Drawing Prerequisite: ART-17 Description: Intermediate level and continued study of drawing with emphasis on the use of color media. Basic color theory will be explored in thoughtful compositions. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)							
32807	ART-18	Lecture Lab	3			ON-LINE ON-LINE	M Lindeman	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-22	Basic Design 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.)							
32808	ART-22	Lecture Lab	3			ON-LINE ON-LINE	M Lindeman	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-23	Color Theory and Design Prerequisite: ART-22 or ART-17 Description: The study of color theory and two-dimensional design. The practice of the organization of the visual elements according to the principles of design. Emphasis placed on more advanced methods of communicating ideas through color in design 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)							
32810	ART-23	Lecture Lab	3			ON-LINE ON-LINE	M Lindeman	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-24	Three Dimensional Design 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)							
32811	ART-24	Lecture Lab	3	W	06:00PM-07:00PM	REG-MEET ON-LINE	D Campuzano	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-26	Beginning Painting 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.)							
32812	ART-26	Lecture Lab	3			ON-LINE ON-LINE	Q Bemiller	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-27	Intermediate Painting 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.)							
32813	ART-27	Lecture Lab	3			ON-LINE ON-LINE	Q Bemiller	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-28A	Studio Painting-Portfolio Preparation Prerequisite: ART-27 Description: Independent painting studio for the self-motivated student with emphasis on individual art problems and portfolio development. Specific agreement identifying intent, ideas, goals, and media, to be arranged between instructor and student. Emphasis will be on independent concept, development, and portfolio preparation. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option)							
32814	ART-28A	Lecture Lab	3			ON-LINE ON-LINE	Q Bemiller	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-39	Design and Graphics Prerequisite: None Advisory: ART-17 or ART-22 or ART-35A Description: Fundamental design methodology for visual communication. Exploration of design principles in advertising and layout design, type and lettering creation and techniques, corporate imagery, and portfolio preparation. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)							
33192	ART-39	Lecture Lab	3			ON-LINE ON-LINE	A Johnson	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ART-48A	Studio Drawing-Portfolio Preparation Prerequisite: ART-18 Description: Continued studio drawing for the self-motivated student with emphasis on planning, independence, individualized problems, and portfolio organization and preparation. Specific agreement identifying intent, ideas, goals, and media, to be arranged between instructor and student. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)							
32816	ART-48A	Lecture Lab	3			ON-LINE ON-LINE	M Lindeman	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>BIOLOGY</b>								
BIO-1		General Biology						
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)								
32819	BIO-1	Lecture Lab	4	MW	02:00PM-03:00PM	REG-MEET ON-LINE	M Sanei	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32820	BIO-1	Lecture Lab	4	MW	06:00PM-07:00PM	REG-MEET ON-LINE	G Blanco	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32821	BIO-1	Lecture Lab	4	TTh	11:00AM-12:00PM	REG-MEET ON-LINE	T Friedrich Finern	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32822	BIO-1	Lecture Lab	4	MW	02:00PM-03:00PM	REG-MEET ON-LINE	M Sanei	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32823	BIO-1	Lecture Lab	4	MW	06:00PM-07:00PM	REG-MEET ON-LINE	G Blanco	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32825	BIO-1	Lecture Lab	4	MW	11:00AM-12:00PM	REG-MEET ON-LINE	V Sharma	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32826	BIO-1	Lecture Lab	4	MW	11:00AM-12:00PM	REG-MEET ON-LINE	V Sharma	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32829	BIO-1	Lecture Lab	4	TTh	08:00AM-09:00AM	REG-MEET ON-LINE	A Suriano	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32830	BIO-1	Lecture Lab	4	TTh	08:00AM-09:00AM	REG-MEET ON-LINE	A Suriano	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32831	BIO-1	Lecture Lab	4	TTh	06:00PM-07:00PM	REG-MEET ON-LINE	O Kim	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32832	BIO-1	Lecture Lab	4	TTh	06:00PM-07:00PM	REG-MEET ON-LINE	O Kim	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32833	BIO-1	Lecture Lab	4	TTh	02:00PM-03:00PM	REG-MEET ON-LINE	J Reyes	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33097	BIO-1	Lecture Lab	4	TTh	04:00PM-05:00PM	REG-MEET ON-LINE	A Osorio	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33098	BIO-1	Lecture Lab	4	TTh	04:00PM-05:00PM	REG-MEET ON-LINE	A Osorio	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
BIO-18		Human Genetics (formerly Bio-34)						
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.								
32836	BIO-18	Lecture	3	Th	09:00AM-10:00AM	REG-MEET	S Garcia	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
BIO-19		Environmental Science (formerly Bio-36)						
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.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32839	BIO-19	Lecture	3	Th	02:00PM-03:00PM	REG-MEET	T Friedrich Finnern	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>BIO-45</b> Survey of Human Anatomy and Physiology (formerly Amy-10) 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.								
32845	BIO-45	Lecture	3	W	02:00PM-03:00PM	REG-MEET	C Breidenbaugh	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>BIO-50A</b> Anatomy and Physiology I (formerly Amy-2a) 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.								
32846	BIO-50A	Lecture	4			ON-LINE	P Campo	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 4/6/21 9:00AM - 12:00PM and 6/8/21 9:00AM - 12:00PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
32847	BIO-50A	Lecture	4			ON-LINE	P Campo	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 4/7/21 12:00PM-3:00PM and 6/9/21 12:00PM-3:00PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
32848	BIO-50A	Lecture	4			ON-LINE	P Campo	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 4/8/21 3:00PM-6:00PM and 6/10/21 3:00PM-6:00PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
33329	BIO-50A	Lecture	4			ON-LINE	F Almasarweh	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 4/5/21 9:00AM-12:00PM and 6/7/21 9:00AM-12:00PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
<b>BIO-50B</b> Anatomy and Physiology II (formerly Amy-2b) Prerequisite: BIO-50A Description: Second of a two course sequence in anatomy and physiology that covers these systems: nervous, endocrine, cardiovascular, respiratory, urinary, digestive, and reproductive organ systems. 36 hours lecture and 108 hours laboratory.(Letter Grade)								
32849	BIO-50B	Lecture	4			ON-LINE	J Drainville	02/16 - 06/11/21
		Lab		M	08:00AM-11:10AM	HUM-111		02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
32850	BIO-50B	Lecture	4			ON-LINE	J Reyes	02/16 - 06/11/21
		Lab		W	08:00AM-11:10AM	HUM-111		02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
32851	BIO-50B	Lecture	4			ON-LINE	J Drainville	02/16 - 06/11/21
		Lab		M	01:00PM-04:10PM	HUM-111		02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
32852	BIO-50B	Lecture	4			ON-LINE	J Reyes	02/16 - 06/11/21
		Lab		W	01:00PM-04:10PM	HUM-111		02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
32853	BIO-50B	Lecture	4			ON-LINE	I McGuire	02/16 - 06/11/21
		Lab		T	08:00AM-11:10AM	HUM-111		02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
32854	BIO-50B	Lecture	4			ON-LINE	G Johansen	02/16 - 06/11/21
		Lab		Th	08:00AM-11:10AM	HUM-111		02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32855	BIO-50B	Lecture Lab Lab	4	T	06:00PM-09:10PM	ON-LINE HUM-111 ON-LINE	W Whalen	02/16 - 06/11/21 02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
33099	BIO-50B	Lecture Lab Lab	4	Th	06:00PM-09:10PM	ON-LINE HUM-111 ON-LINE	S Tronti	02/16 - 06/11/21 02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
33100	BIO-50B	Lecture Lab Lab	4	T	01:00PM-04:10PM	ON-LINE HUM-111 ON-LINE	J Keller	02/16 - 06/11/21 02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
33101	BIO-50B	Lecture Lab Lab	4	Th	01:00PM-04:10PM	ON-LINE HUM-111 ON-LINE	A Tocts	02/16 - 06/11/21 02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
<b>BIO-55 Microbiology (formerly Mic-1)</b> Prerequisite: CHE-2A or CHE-2B or CHE-3, 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.								
32856	BIO-55	Lecture Lab	4	M	09:00AM-12:10PM	ON-LINE ST-203	M Gutierrez	02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
32857	BIO-55	Lecture Lab	4	W	09:00AM-12:10PM	ON-LINE ST-203	M Gutierrez	02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
32858	BIO-55	Lecture Lab	4	M	02:00PM-05:10PM	ON-LINE ST-203	M Gutierrez	02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
32859	BIO-55	Lecture Lab	4	W	02:00PM-05:10PM	ON-LINE ST-203	M Gutierrez	02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
33103	BIO-55	Lecture Lab	4	T	05:30PM-08:40PM	ON-LINE ST-203	B Moore	02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
33104	BIO-55	Lecture Lab	4	Th	05:30PM-08:40PM	ON-LINE ST-203	B Moore	02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
33105	BIO-55	Lecture Lab	4	T	12:00PM-03:10PM	ON-LINE ST-203	B Moore	02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
33106	BIO-55	Lecture Lab	4	Th	12:00PM-03:10PM	ON-LINE ST-203	B Moore	02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								

**BIO-60 Introduction to Molecular and Cellular Biology (formerly Bio-11)**  
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.

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32862	BIO-60	Lecture	5			ON-LINE	B Moore	02/16 - 06/11/21
		Lab		W	10:00AM-01:10PM	IT-128		02/16 - 06/11/21

Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.

BIO-61	Introduction to Organismal and Population Biology (formerly Bio-12) 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 60 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.)							
32863	BIO-61	Lecture	5			ON-LINE	J Drainville	02/16 - 06/11/21
		Lab		W	06:00PM-09:10PM	HUM-111		02/16 - 06/11/21

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

## BUSINESS ADMINISTRATION

BUS-10		Introduction to Business						
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)								
32113	BUS-10	Lecture	3			ON-LINE	R Beck	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32114	BUS-10	Lecture	3			ON-LINE	R Beck	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
32115	BUS-10	Lecture	3			ON-LINE	R Beck	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
32116	BUS-10	Lecture	3			ON-LINE	A Martin	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32117	BUS-10	Lecture	3			ON-LINE	E Doucette	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32118	BUS-10	Lecture	3			ON-LINE	A Martin	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
BUS-14		Social Media and Online Digital Media Promotions for Entrepreneurs						
Prerequisite: None Description: Introduction to social media and online digital promotional tools used to help promote entrepreneurs with their online presence and to successfully establish their brands. 54 hours lecture. (Letter grade only)								
32864	BUS-14	Lecture	3			ON-LINE	A Martin	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
BUS-18A		Business Law I						
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.								
32122	BUS-18A	Lecture	3			ON-LINE	J Alpay	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32123	BUS-18A	Lecture	3			ON-LINE	J Alpay	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32124	BUS-18A	Lecture	3			ON-LINE	J Alpay	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
32125	BUS-18A	Lecture	3			ON-LINE	J Alpay	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
32126	BUS-18A	Lecture	3			ON-LINE	G Sonnier	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33130	BUS-18A	Lecture	3			ON-LINE	C Pentis	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
BUS-18B		Business Law II						
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.)								
32128	BUS-18B	Lecture	3			ON-LINE	J Alpay	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33285	BUS-18B	Lecture	3			ON-LINE	J Alpay	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>BUS-20 Business Mathematics</b>								
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. (Letter grade only)								
32129	BUS-20	Lecture	3			ON-LINE	E Doucette	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32130	BUS-20	Lecture	3			ON-LINE	P Worsham	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
32131	BUS-20	Lecture	3			ON-LINE	E Doucette	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
<b>BUS-24 Business Communication</b>								
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.								
32132	BUS-24	Lecture	3			ON-LINE	E Doucette	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>BUS-30 Entrepreneurship Foundations and Fundamentals</b>								
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. 54 hour lecture.								
32134	BUS-30	Lecture	3			ON-LINE	A Martin	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33134	BUS-30	Lecture	3			ON-LINE	F Almeida	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
33137	BUS-30	Lecture	3			ON-LINE	F Almeida	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Corona High School students participating in Norco College's Dual Enrollment Program.								
33139	BUS-30	Lecture	3			ON-LINE	F Almeida	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program.								
<b>BUS-47 Applied Business and Management Ethics</b>								
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)								
32135	BUS-47	Lecture	3			ON-LINE	E Doucette	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>BUS-80 Principles of Logistics</b>								
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. (pass/no pass, letter grade)								
32136	BUS-80	Lecture	3			ON-LINE	R Beck	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a short term online class. Please note the start and end dates.								
<b>BUS-85 Warehouse Management</b>								
Prerequisite: None Description: Introduction to an integrated logistics approach to warehouse management. Includes the role of warehousing within the supply chain, performance metrics, applicable leadership basics, how to interact with other logistics managers to optimize overall activity, as well as principles of warehouse location, design, layout, operating functions, and customer service. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
32137	BUS-85	Lecture	3			ON-LINE	R Beck	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
<b>BUS-86 Transportation and Traffic Management</b>								
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.)								
32138	BUS-86	Lecture	3			ON-LINE	C Pentis	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
<b>BUS-87 Purchasing and Supply Management</b>								
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.)								
32139	BUS-87	Lecture	3			ON-LINE	R Beck	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>CHEMISTRY</b>								
CHE-1A		General Chemistry, I						
Prerequisite: CHE-2A or CHE-3 and MAT-35 Description: An exploration of 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.)								
32867	CHE-1A	Lecture	5	MW	09:00AM-10:30AM	REG-MEET	Z Zhu	02/16 - 06/11/21
		Lab		MW	12:00PM-03:10PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on:04/05/21 9:00AM-11:30AM or 04/07/21 9:00AM-11:30AM and 06/07/21 9:00AM-1:30PM or 06/09/21 9:00AM-1:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
32868	CHE-1A	Lecture	5	MW	09:00AM-10:30AM	ON-LINE	T Hogenauer	02/16 - 06/11/21
		Lab		MW	12:00PM-03:10PM	ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 04/06/21 9:00AM-11:30AM or 04/08/21 9:00AM-11:30AM and 06/08/21 9:00AM-1:30PM or 06/10/21 9:00AM-1:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
32869	CHE-1A	Lecture	5	MW	03:00PM-04:30PM	REG-MEET	S Tyler	02/16 - 06/11/21
		Lab		TTh	06:00PM-09:10PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 04/05/21 3:00PM-5:30PM or 04/07/21 3:00PM-5:30PM and 06/07/21 3:00PM-7:30PM or 06/09/21 3:00PM-7:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
32870	CHE-1A	Lecture	5	TTh	03:00PM-04:30PM	REG-MEET	W Cui	02/16 - 06/11/21
		Lab		TTh	06:00PM-09:10PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 04/06/21 3:00PM-5:30PM or 04/08/21 3:00PM-5:30PM and 06/08/21 3:00PM-7:30PM or 6/10/21 3:00PM-7:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
CHE-1B		General Chemistry, II						
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.)								
32871	CHE-1B	Lecture	5	TTh	10:30AM-12:00PM	REG-MEET	J Tyler	02/16 - 06/11/21
		Lab		MW	09:00AM-12:10PM	HUM-208		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
32872	CHE-1B	Lecture	5	MW	09:15AM-10:40AM	REG-MEET	C Lugo	02/16 - 06/11/21
		Lab		MW	01:10PM-04:20PM	HUM-208		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
33190	CHE-1B	Lecture	5	TTh	10:30AM-12:00PM	REG-MEET	J Tyler	02/16 - 06/11/21
		Lab		MW	06:00PM-09:10PM	HUM-208		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
33191	CHE-1B	Lecture	5	MW	09:15AM-10:40AM	REG-MEET	C Lugo	02/16 - 06/11/21
		Lab		TTh	05:00PM-08:10PM	HUM-208		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
CHE-2A		Introductory Chemistry, I						
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.)								
32873	CHE-2A	Lecture	4	MW	01:00PM-02:25PM	REG-MEET	S Johnson	02/16 - 06/11/21
		Lab		M	09:00AM-12:10PM	REG-MEET	V Lee	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32874	CHE-2A	Lecture	4	MW	01:00PM-02:25PM	REG-MEET	S Johnson	02/16 - 06/11/21
		Lab		W	09:00AM-12:10PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32875	CHE-2A	Lecture	4	MW	03:00PM-04:30PM	REG-MEET	E Wen	02/16 - 06/11/21
		Lab		F	09:00AM-12:10PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32876	CHE-2A	Lecture	4	MW	03:00PM-04:30PM	REG-MEET	E Wen	02/16 - 06/11/21
		Lab		F	01:00PM-04:25PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32877	CHE-2A	Lecture Lab	4	TTh T	09:00AM-10:25AM 12:00PM-03:10PM	REG-MEET REG-MEET	A Duggal	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32878	CHE-2A	Lecture Lab	4	TTh Th	09:00AM-10:25AM 12:00PM-03:10PM	REG-MEET REG-MEET	A Duggal	02/16 - 06/11/21 02/16 - 06/11/21
The above section is a web-enhanced class. Internet access is required.								
32879	CHE-2A	Lecture Lab	4	T Th	06:00PM-09:10PM 06:00PM-09:10PM	REG-MEET REG-MEET	P Kimbrough	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32880	CHE-2A	Lecture Lab	4	T F	06:00PM-09:10PM 06:00PM-09:10PM	REG-MEET REG-MEET	P Kimbrough	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32881	CHE-2A	Lecture Lab	4	MW M	12:45PM-02:10PM 09:00AM-12:10PM	REG-MEET REG-MEET	B Klavetter	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32882	CHE-2A	Lecture Lab	4	MW W	12:45PM-02:10PM 09:00AM-12:10PM	REG-MEET REG-MEET	B Klavetter V Lee	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32883	CHE-2A	Lecture Lab	4	TTh T	11:15AM-12:40PM 02:00PM-05:10PM	REG-MEET REG-MEET	L Zelaya	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32884	CHE-2A	Lecture Lab	4	TTh Th	11:15AM-12:40PM 02:00PM-05:10PM	REG-MEET REG-MEET	L Zelaya	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33188	CHE-2A	Lecture Lab	4	TTh T	02:30PM-03:55PM 09:00AM-12:10PM	REG-MEET REG-MEET	V Lee	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33189	CHE-2A	Lecture Lab	4	TTh Th	02:30PM-03:55PM 09:00AM-12:10PM	REG-MEET REG-MEET	V Lee	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## CHINESE

CHI-1	Chinese 1	PREREQUISITE: None. Description: Develops basic skills in listening, reading, speaking and writing. Emphasis on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Mandarin Chinese at the beginning level. Includes discussion of Chinese culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)						
32163	CHI-1	Lecture Lab	5	MW	03:00PM-05:00PM	REG-MEET ON-LINE	C Dealba-Yount	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## COMMUNICATION STUDIES

COM-1	Public Speaking	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.)						
32188	COM-1	Lecture	3			ON-LINE	M Lewis	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32189	COM-1	Lecture	3			ON-LINE	M Lewis	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32190	COM-1	Lecture	3			ON-LINE	E Romero	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32191	COM-1	Lecture	3			ON-LINE	E Romero	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32192	COM-1	Lecture	3	MT	10:00AM-12:00PM	OCC-MEET	G Stinson	02/16 - 06/11/21
OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times/day on the following dates: 3/8, 3/30, 4/6, 5/4, 5/11, 5/18, 5/25 and 5/31. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								



**\* MOST 21SPR CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \***  
**\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \***

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32193	COM-1	Lecture	3			ON-LINE	L Tat	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32194	COM-1	Lecture	3	MW	09:30AM-11:00AM	OCC-MEET	K Rigby	02/16 - 04/09/21
OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times/day on the following dates: 3/8, 3/10, 4/5 and 4/7. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32195	COM-1	Lecture	3	T	02:30PM-04:30PM	OCC-MEET	E Arvilla	02/16 - 06/11/21
OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times/day on the following dates: 2/23, 3/23, 4/20, 5/4, 6/1 and 6/8. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32196	COM-1	Lecture	3	TTh	08:00AM-09:00AM	OCC-MEET	B Natividad	02/16 - 06/11/21
OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times/day on the following dates: 2/16, 3/16, 4/27, 5/25 and 5/27. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32197	COM-1	Lecture	3	TTh	10:00AM-11:00AM	OCC-MEET	B Natividad	02/16 - 06/11/21
OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times/day on the following dates: 2/16, 3/16, 4/27, 5/25 and 5/27. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32198	COM-1	Lecture	3	T	12:00PM-02:00PM	OCC-MEET	E Arvilla	02/16 - 06/11/21
OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times/day on the following dates: 2/23, 3/23, 4/20, 5/4, 6/1 and 6/8. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33117	COM-1	Lecture	3			ERHS-ONLN	S Bee	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
33118	COM-1	Lecture	3			ON-LINE	F Rodriguez Ramos	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33123	COM-1	Lecture	3	T	09:00AM-10:30AM	REG-MEET	A Tufano	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33124	COM-1	Lecture	3	Th	12:00PM-01:30PM	REG-MEET	A Tufano	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33301	COM-1	Lecture	3			JVHS-ONLN	F Rodriguez Ramos	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
33339	COM-1	Lecture	3			ON-LINE	S Bee	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>COM-2 Introduction to Persuasion</b>								
Prerequisite: None Description: An examination of historical and contemporary approaches to persuasive messages throughout time. A focus on theoretical perspectives involving persuasion including Aristotelian and Ciceronian Canons of Rhetoric and strategies on construction, delivery and critical analysis of persuasive messages. 54 course lecture.								
33107	COM-2	Lecture	3			ON-LINE	E Romero	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33128	COM-2	Lecture	3			ON-LINE	E Romero	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
<b>COM-3 Argumentation and Debate</b>								
Prerequisite: None Description: An examination of argumentation and debate including a systematic approach to the process of debate, theories of argumentation as related to topic analysis, research, case construction, refutation/rebuttals, cross-examination, utilization of sound reasoning, fallacies in reasoning, and the importance of ethical behavior in debate. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
33145	COM-3	Lecture	3	MW	03:00PM-04:30PM	OCC-MEET	E Romero	02/16 - 06/11/21
OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times/day on the following dates: 4/5, 4/7, 4/26, 4/28, 6/7 and 6/9. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33147	COM-3	Lecture	3	TTh	03:00PM-04:30PM	OCC-MEET	E Romero	04/19 - 06/11/21
OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times/day on the following dates: 5/4, 5/6, 5/11, 5/13, 6/1 and 6/3. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
<b>COM-6 Dynamics of Small Group Communication</b>								
Prerequisite: None Description: Principles of communication in a variety of group contexts. Theory, application, and evaluation of group communication processes, including problem solving, conflict management, decision-making, and leadership. 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.)								
33108	COM-6	Lecture	3			ON-LINE	R Stinson	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33146	COM-6	Lecture	3	Th	08:00PM-09:00PM	OCC-MEET	B Natividad	02/16 - 06/11/21
OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times/day on the following dates: 2/18, 3/11, 4/1, 5/13, 6/3 and 6/10. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>COM-7 Oral Interpretation of Literature</b>								
Prerequisite: None Description: Preparation and presentation of interpreting literature (prose, poetry and drama). Principles and techniques of interpreting the printed page are related to preparing and presenting an oral interpretation of literature for an audience. Provides opportunities for cultural enrichment, literary analysis, creative outlet, articulate expression and improved speaking ability. Oral presentations required. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33110	COM-7	Lecture	3	Th	02:00PM-03:15PM	OCC-MEET	M Lewis	02/16 - 06/11/21
OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times/day on the following dates: 2/18, 3/04, 3/18, 4/1, 4/22, 5/6 and 5/20. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>COM-9 Interpersonal Communication</b> Prerequisite: None Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
32209	COM-9	Lecture	3			ON-LINE	M Lewis	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32210	COM-9	Lecture	3			ON-LINE	M Lewis	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32211	COM-9	Lecture	3			ON-LINE	A Olaerts	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32212	COM-9	Lecture	3			ON-LINE	A Olaerts	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32213	COM-9	Lecture	3			ON-LINE	A Olaerts	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32214	COM-9	Lecture	3			ON-LINE	A Olaerts	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32215	COM-9	Lecture	3			ON-LINE	A Olaerts	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32216	COM-9	Lecture	3			ON-LINE	A Olaerts	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32217	COM-9	Lecture	3			ON-LINE	J Muto	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32218	COM-9	Lecture	3			ON-LINE	J Muto	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32219	COM-9	Lecture	3			ON-LINE	R Stinson	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32220	COM-9	Lecture	3			ON-LINE	R Stinson	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32221	COM-9	Lecture	3			ON-LINE	B Rihan	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32222	COM-9	Lecture	3			ON-LINE	B Rihan	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32223	COM-9	Lecture	3	T	12:00PM-01:00PM	REG-MEET	J Vierra	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32224	COM-9	Lecture	3	T	12:00PM-01:00PM	REG-MEET	J Vierra	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32225	COM-9	Lecture	3	T	12:00PM-01:00PM	REG-MEET	J Vierra	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32226	COM-9	Lecture	3	T	04:10PM-05:35PM	REG-MEET	N Aceves	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is designed with special emphasis on African American culture. See the Umoja counselor (sean.davis@norcocollege.edu) prior to enrolling.								
33113	COM-9	Lecture	3			ON-LINE	L Tat	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33114	COM-9	Lecture	3			ON-LINE	L Tat	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33293	COM-9	Lecture	3	T	04:10PM-05:35PM	REG-MEET	N Aceves	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is designed with special emphasis on the Chicano experience and is designed for students in the Puente Program. See the Puente counselor prior to enrolling.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33294	COM-9	Lecture	3	T	04:10PM-05:35PM	REG-MEET	N Aceves	02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is centered on the Men of Color experience and is intended for students in the Men of Color Scholars Program. See the Men of Color Scholar counselor (daniel.grajeda@rccd.edu) prior to enrolling.

#### COM-12 Intercultural Communication

Prerequisite: None Advisory: COM-51 and qualification for ENG-1A Description: Introduction to the factors affecting intercultural communication focusing on culture, language, and social patterns and their influence on how members of groups relate among themselves and with members of different ethnic and cultural groups. Theory and knowledge of effective communication within and between cultures and appreciation and comparison of communication among diverse groups within the larger context of American culture are explored with an emphasis on self-evaluation and skill development. 54 hours lecture. (Letter Grade or Pass/No Pass option)

32199	COM-12	Lecture	3			ON-LINE	B Rihan	02/16 - 04/09/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.

32200	COM-12	Lecture	3			ON-LINE	K Klager	02/16 - 06/11/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

#### COM-13 Gender and Communication

Prerequisite: None Advisory: COM-51 and qualification for ENG-1A Description: A study of theories that address communication styles including similarities and differences between masculine and feminine gender types. Integrates theories to heighten students' awareness of the importance of gender as a communication variable. Theoretical approaches to the development of gender are discussed. Gender communication issues are addressed with an emphasis on listening, perception, verbal, nonverbal communication, and conflict management in interpersonal, small group and various other contexts. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

32201	COM-13	Lecture	3			ON-LINE	E Romero	04/19 - 06/11/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

#### COM-20 Introduction to Communication Theory

Prerequisite: None Description: A survey of the discipline of communication studies with emphasis on multiple epistemological, theoretical, and methodological issues relevant to the systematic inquiry and pursuit of knowledge about human communication. This course explores the basic history, assumptions, principles, processes, variables, methods, and specializations of human communication as an academic field of study. 54 hours lecture. (Letter Grade, or Pass/No Pass Option)

32204	COM-20	Lecture	3			ON-LINE	J Muto	02/16 - 04/09/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.

### COMPUTER APPLICATIONS/OFFICE

#### CAT-98A Introduction to Excel (same As Cis-98a)

Prerequisite: None. Description: Introductory spreadsheet development using Microsoft Excel for business and scientific related applications. The course covers introductory through intermediate spreadsheet development. 27 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.) (Same as CIS-98A)

32142	CAT-98A	Lecture	1.5			ON-LINE	B Fuller	04/19 - 06/11/21
		Lab				ON-LINE		04/19 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

### COMPUTER INFORMATION SYSTEMS

#### CIS-1A Introduction to Computer Informational Systems

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.

32170	CIS-1A	Lecture	3			ON-LINE	R Finley	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

32171	CIS-1A	Lecture	3			ON-LINE	J Coverdale	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

32174	CIS-1A	Lecture	3			ON-LINE	J Coverdale	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

32175	CIS-1A	Lecture	3			ON-LINE	J Coverdale	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

32176	CIS-1A	Lecture	3			ON-LINE	J Coverdale	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

#### CIS-2 Fundamentals of Systems Analysis

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.)

**\* MOST 21SPR CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \***  
**\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \***

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32179	CIS-2	Lecture Lab	3			ON-LINE ON-LINE	W Ibekwe	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
CIS-5	Programming Concepts and Methodology I: C++ 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.							
32180	CIS-5	Lecture Lab	4			ON-LINE ON-LINE	J Perry	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32181	CIS-5	Lecture Lab	4			ON-LINE ON-LINE	J Perry	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32182	CIS-5	Lecture Lab	4			ON-LINE ON-LINE	J Perry	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
CIS-11	Computer Architecture and Organization: Assembly Prerequisite: None Advisory: CIS/CSC-5 Description: An introduction to microprocessor architecture and assembly language programming. The relationship between hardware and software will be examined in order to understand the interaction between a program and the total system. Mapping of statements and constructs in a high-level language onto sequences of machine instructions is studied as well as the internal representation of simple data types and structures. Numerical computation is performed, noting the various data representation errors and potential procedural errors. 54 hours lecture and 18 hours laboratory.(TBA option)							
32886	CIS-11	Lecture Lab	3			ON-LINE ON-LINE	A Rainey	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33328	CIS-11	Lecture Lab	3			ON-LINE ON-LINE	A Rainey	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
CIS-17A	Programming Concepts and Methodology II: C++ (same As Csc-17a) 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)(Same as CSC-17A)							
32165	CIS-17A	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32166	CIS-17A	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
CIS-18A	Java Programming: Objects 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.)							
32167	CIS-18A	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
CIS-18C	Java Programming: Data Structures 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.)							
32168	CIS-18C	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
CIS-78B	Advanced Adobe Photoshop (same As Cat-78b) Prerequisite: CIS-78A or CAT-78A or ADM-71A Description: Advanced techniques and methods for using Adobe PhotoShop to produce custom graphic solutions. Focus on real-world projects, workflow foundations, adjusting and optimizing images, and tips and tricks for enhanced image creation. 54 hours lecture and 18 hours laboratory. (TBA option). (Letter Grade, or Pass/No Pass option)							
32184	CIS-78B	Lecture Lab	3			ON-LINE ON-LINE	A Johnson	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
CIS-79	Intro Adobe Illustrator Prerequisite: None Description: Fundamentals of Adobe Illustrator including creating objects, drawing paths, designing with type and working with graphics. (Same as CAT-79)							
32185	CIS-79	Lecture Lab	3			ON-LINE ON-LINE	D Warren	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is web enhanced and restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment program.								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
CIS-98A		Introduction to Excel						
Prerequisite: None. Description: Introductory spreadsheet development using Microsoft Excel for business and scientific related applications. The course covers introductory through intermediate spreadsheet development. 27 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.) (Same as CAT-98A)								
32187	CIS-98A	Lecture	1.5			ON-LINE	B Fuller	04/19 - 06/11/21
		Lab				ON-LINE		04/19 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.

## CONSTRUCTION TECHNOLOGY

CON-60		Introduction to Construction						
Prerequisite: None Description: An overview of the basic concepts of construction, including city and regional planning, managing, contracting, designing, engineering, estimating, bidding, inspection and production work normally associated with construction. An overview of how building codes affect the design, materials and methods of constructing buildings and other projects. Students will be expected to participate in several field trips. 54 hours lecture. (Letter grade only)								
32227	CON-60	Lecture	3			ON-LINE	J Thomas	02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

CON-62		Print Reading for Construction						
Prerequisite: None. Description: An overview of construction print and specification reading, the relationship of drawings and specifications to the contract and responsibilities of the inspector in interpreting the contract documents and in the inspection of the work. 54 hours lecture. (Letter grade only)								
32228	CON-62	Lecture	3			ON-LINE	R Skaggs	02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

CON-63A		International Building Code						
Prerequisite: None. Description: Use of the International Building Code and the various related state and local ordinances in plan checking various building types for compliance with the codes and ordinances. 54 hours lecture. (Letter grade)								
32230	CON-63A	Lecture	3			ON-LINE	J Thomas	02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

CON-63B		Analysis of Revisions to the Uniform Building Code						
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.								
32231	CON-63B	Lecture	3			ON-LINE	J Thomas	02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

CON-63C		Analysis of Revisions to the Uniform Building Code						
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.								
32232	CON-63C	Lecture	3			ON-LINE	J Thomas	02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

CON-63D		Analysis of Revisions to the Uniform Building Code						
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.								
32894	CON-63D	Lecture	3			ON-LINE	J Thomas	02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

CON-64		Office/Field Inspect						
Prerequisite: None. Description: Office organization, procedures and necessary paper work pertinent to building and safety office management and inspection. Field inspection for completed buildings, zoning, health and safety ordinance application. Several field trips. 54 hours lecture. Letter Grade								
32234	CON-64	Lecture	3			ON-LINE	P Link	02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

CON-66		National Electrical Code						
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. (Letter grade only)								
32235	CON-66	Lecture	3			ON-LINE	J Vela	02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. Same as ELC-66

CON-67		Mechanical Code						
Prerequisite: None. Description: This course will examine the complete requirements for the installation and maintenance of heating, ventilating, cooling and refrigeration systems as promulgated in the Uniform Mechanical Code. 54 hours lecture.								
32236	CON-67	Lecture	3			ON-LINE	J Thomas	02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

CON-71		Energy Conservation Standards						
Prerequisite: None Description: Administrative regulations and codes that regulate the energy conservation for new residential buildings. Energy measures and mandatory features and devices that must be installed in new residential buildings and the enforcement by local building departments. 27 hours lecture. (Letter grade only)								
32237	CON-71	Lecture	1.5			ON-LINE	J Thomas	02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
CON-72		California State Accessibility Standards						
Prerequisite: None. Description: Examines the provisions of Title 24 accessibility standards of the California International Building Code for application in the construction industry. These legal requirements establish minimum facility accessibility standards and requirements to provide or improve access to and use by people with physical disabilities. Students will gain an understanding of the legal requirements and will interpret, analyze, and apply these provisions to various construction, alteration, remodeling, repair, and use of building and related facilities. 27 hours lecture. (Letter grade only)								
32238	CON-72	Lecture	1.5			ON-LINE	J Thomas	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
CON-73		Project Planning for Site Construction						
Prerequisite: None. Description: Organization, procedures, and necessary paperwork pertinent to the planning and construction of site improvements. Site analysis by evaluating the needs of the property as well as the needs of those using the property and the design correlations with scope, specifications, and control of local, state, and federal agencies. 54 hours lecture. (Letter grade only)								
33223	CON-73	Lecture	3			ON-LINE	J Thomas	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>DANCE</b>								
DAN-6		Dance Appreciation						
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.)								
32895	DAN-6	Lecture	3			ON-LINE	E Goe	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>DRAFTING</b>								
DFT-21		Drafting (same As Ene-21)						
Prerequisite: None. Description: Fundamentals of Architectural and Mechanical Engineering drafting including lettering, instruments and their uses, geometric construction, types of projection, freehand drawing, sectioning, dimension, auxiliary views, and pictorial drawing. Recommended for beginners and students with up to one year of drafting in high school. 27 hours lecture and 81 hours laboratory. Same as ENE-21. (Letter Grade, or Pass/No Pass option)								
32240	DFT-21	Lecture	3			ON-LINE	F Mirzaei	02/16 - 06/11/21
		Lab		W	11:00AM-01:00PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
DFT-24		Architectural Drafting (same As Are-24)						
Prerequisite: DFT/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.)								
32241	DFT-24	Lecture	3			ON-LINE	G Alcala	02/16 - 06/11/21
		Lab		TTh	06:00PM-09:00PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
DFT-30		Computer Aided Drafting (CAD) (same As Ene-30)						
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 81 hours laboratory. Same as ENE-30. (Letter Grade, or Pass/No Pass option)								
32243	DFT-30	Lecture	3			ON-LINE	A Nindra	02/16 - 06/11/21
		Lab		MW	02:15PM-03:45PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32245	DFT-30	Lecture	3			ON-LINE	P Van Hulle	02/16 - 06/11/21
		Lab		TTh	06:30PM-08:30PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
DFT-42		Solidworks I (same As Ene-42)						
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.								
32246	DFT-42	Lecture	3			ON-LINE	P Van Hulle	02/16 - 06/11/21
		Lab		W	06:00PM-08:00PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
34148	DFT-42	Lecture	3	T	08:00AM-09:25AM	ATEC-109		02/16 - 06/11/21
		Lab		T	09:35AM-11:00AM	ATEC-109		02/16 - 06/11/21
DFT-42B		Solidworks II (same As Ene-42b)						
Prerequisite: DFT/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.)								
33282	DFT-42B	Lecture	3			ON-LINE	S Inceoglu	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
DFT-51		Blueprint Reading (same As Ene-51)						
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.)								
32248	DFT-51	Lecture	2	T	08:00AM-09:25AM	REG-MEET	M Dowlatabadi	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

DFT-52		Geometric Dimensioning and Tolerancing (same As Ene-52)						
Prerequisite: None Description: Presents 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. 54 hours lab. Same as ENE-52. (Letter Grade, or Pass/No Pass option.)								
32249	DFT-52	Lecture	3			ON-LINE	G Cordier	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## EARLY CHILDHOOD EDUCATION

EAR-19		Observation and Assessment-ECE						
Prerequisite: None. Description: Appropriate use of a variety of assessment and observation strategies to document child development and behavior.								
32251	EAR-19	Lecture	3	T	06:00PM-07:30PM	REG-MEET	S Burnett	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

EAR-20		Child Growth and Development						
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. 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.								
32252	EAR-20	Lecture	3			ON-LINE	S Sumiati	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32253	EAR-20	Lecture	3			ON-LINE	S Sumiati	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32255	EAR-20	Lecture	3			ON-LINE	R Carreon-Bailey	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32256	EAR-20	Lecture	3			ON-LINE	M Adams	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
32257	EAR-20	Lecture	3			ON-LINE	M Adams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to the CNUHS High School students participating in Norco College's Dual Enrollment Program.								

EAR-24		Introduction to Curriculum						
Prerequisite: None Description: An overview of knowledge and skills related to providing appropriate curriculum and environments for young children. Students will examine a teacher's role in supporting development and engagement for all young children. 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. (Letter grade)								
32258	EAR-24	Lecture	3			ON-LINE	S Burnett	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

EAR-25		Teaching in a Diverse Society						
Prerequisite: None Description: Examines the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching, education and schooling. Culturally relevant and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. Self-reflection of one's own understanding of educational principles in integrating anti-bias goals in order to better inform teaching practices and/or program development. 54 hours lecture. (Letter Grade)								
33151	EAR-25	Lecture	3			ON-LINE	T Oliver	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

EAR-26		Health, Safety and Nutrition						
Prerequisite: None. Description: Introduction to the laws, regulations, standards, policies and procedures, and early childhood curriculum related to child health safety and nutrition. The key components that ensure physical health, mental health, and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. Focus on integrating the concepts into everyday planning and program development. 54 hours lecture. Letter Grade.								
32259	EAR-26	Lecture	3			ON-LINE	M Adams	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								

EAR-28		Principles and Practices of Teaching Young Children						
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.								
32260	EAR-28	Lecture	3			ON-LINE	R Carreon-Bailey	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

**\* MOST 21SPR CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \***  
**\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \***

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33149	EAR-28	Lecture	3			ON-LINE	L Vazquez	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>EAR-30</b> Practicum in Early Childhood Education Prerequisite: EAR-20 and EAR-24 and EAR-28 and EAR-42 Description: In this course the student will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. Lab hours will be completed under the direction of a qualified master/mentor teacher. 36 hours lecture and 108 hours laboratory. (Letter grade)								
32261	EAR-30	Lecture	4	Th	03:00PM-05:05PM	REG-MEET	S Burnett	02/16 - 06/11/21
		Lab		MW	08:30AM-01:00PM	TBEC-1		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a web-enhanced class that has lab hours that will be completed at Temple Beth El, Child Development Center, 2675 Central Avenue, Riverside, 951-682-7282. This class also has a required face to face class on Thursday afternoon at Norco College in IT 209. Pursuant to California Law SB792 all students enrolled in this class must have proof of immunization against measles, pertussis (TDap), and tuberculosis (TB), by the first day of the semester. Immunizations and TB tests can be obtained at the Norco College Health Services office, or through your personal health provider. The first day of the practicum for both sections begins at Temple Beth El. Monday/Wednesday students will meet with the instructor at Temple Beth El on the first Wednesday of the semester; Tuesday/Thursday students will meet on the first Tuesday of the semester. Entrance into the Center will not be allowed without a copy of the completed Child Development Course Clearance Checklist, AND students will automatically be dropped from the class. Copies of the clearance form can be obtained at the health clinic on campus or by emailing sarah.burnett@norcocollege.edu. Take this blank form with your evidence of immunization to the Norco Health first day of the practicum. *Completion of lab hours at Temple Beth El subject to change pending COVID related rules from local Health Department or Community Care Licensing.								
32262	EAR-30	Lecture	4	Th	03:00PM-05:05PM	REG-MEET	S Burnett	02/16 - 06/11/21
		Lab		TTh	08:30AM-01:00PM	TBEC-1		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a web-enhanced class that has lab hours that will be completed at Temple Beth El, Child Development Center, 2675 Central Avenue, Riverside, 951-682-7282. This class also has a required face to face class on Thursday afternoon at Norco College in IT 209. Pursuant to California Law SB792 all students enrolled in this class must have proof of immunization against measles, pertussis (TDap), and tuberculosis (TB), by the first day of the semester. Immunizations and TB tests can be obtained at the Norco College Health Services office, or through your personal health provider. The first day of the practicum for both sections begins at Temple Beth El. Monday/Wednesday students will meet with the instructor at Temple Beth El on the first Wednesday of the semester; Tuesday/Thursday students will meet on the first Tuesday of the semester. Entrance into the Center will not be allowed without a copy of the completed Child Development Course Clearance Checklist, AND students will automatically be dropped from the class. Copies of the clearance form can be obtained at the health clinic on campus or by emailing sarah.burnett@norcocollege.edu. Take this blank form with your evidence of immunization to the Norco Health first day of the practicum. *Completion of lab hours at Temple Beth El subject to change pending COVID related rules from local Health Department or Community Care Licensing.								
<b>EAR-34</b> Infant and Toddler Care and Education Prerequisite: None. Description: Applies current theory and research to the care and education of infants and toddlers in group settings. Examines essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months. 54 hours lecture. (Letter Grade only.)								
33126	EAR-34	Lecture	3			ON-LINE	L Vazquez	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>EAR-40</b> Intro Children With Special Needs 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.)								
33150	EAR-40	Lecture	3			ON-LINE	M Adams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>EAR-42</b> Child, Family, and Community Prerequisite: None. Description: An examination of the developing child in a societal context which focuses on the interrelationships of family, school, and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted. 54 hours lecture. (Letter grade only)								
32266	EAR-42	Lecture	3			ON-LINE	T Oliver	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>EAR-47</b> Childhood Stress and Trauma Prerequisite: None Description: A comprehensive overview of concepts, theories, and issues related to childhood stress and trauma. Emphasis is on the short-and long-term effects that stress and trauma has on the physical, cognitive, language, social, and emotional stages of a child's development. Students will be introduced to child behavior patterns and potential responses to stress and trauma. Students will examine research and innovative methods that support the child's coping skills and healing process. This course is designed to develop an understanding of how children react and adapt to stress and trauma and what parents and early childhood practitioners can do to assist children. 54 hours lecture. (Letter grade)								
32268	EAR-47	Lecture	3	Th	06:00PM-07:30PM	REG-MEET	M Adams	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## ECONOMICS

<b>ECO-4</b> Intro Economics Prerequisite: None. Description: An entry-level, general education course which introduces and surveys basic macroeconomic and microeconomic principles. This course emphasizes the causes and consequences of the business cycle on output, employment, and prices as well as basic supply and demand analysis across different market structures. Analysis further includes the role of the government in the macro-economy and the micro-economy. 54 hours lecture. (Letter grade)								
32269	ECO-4	Lecture	3			ON-LINE	C Rajakone	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ECO-7</b> Principles of Macroeconomics 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.								
32271	ECO-7	Lecture	3			ON-LINE	P Boelman	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32272	ECO-7	Lecture	3			ON-LINE	P Boelman	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33152	ECO-7	Lecture	3			ON-LINE	P Boelman	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ECO-8 Principles of Microeconomics</b>								
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.								
32274	ECO-8	Lecture	3			ON-LINE	P Boelman	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32275	ECO-8	Lecture	3			ON-LINE	P Boelman	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## ELECTRICITY

<b>ELC-71 Residential Electrical Wiring (same As Ele-71)</b>								
Prerequisite: None Description: The course 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. (Letter Grade, or Pass/No Pass option) (Same as ELE-71)								
33287	ELC-71	Lecture	4	MW	08:00AM-09:25AM	REG-MEET	J Vela	02/16 - 06/11/21
		Lab		F	08:00AM-11:10AM	IT-124		02/16 - 06/11/21
		Lab		MW	08:00AM-09:25AM	REG-MEET		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework. Due to the ongoing health crisis, lab time on campus will be reduced and conducted in smaller groups, supplemented with online lab activities and a fully online lecture. Your faculty will have full details on the first day on Canvas. Masks will be required.								
<b>ELC-73 Electric Motors and Transformers (same As Ele-73)</b>								
Prerequisite: None Description: Enables electricians to understand and effectively wire most standard DC motors, servos and steppers, as well as many AC motors, including single and poly-phase units, from fractional horsepower to multi-horsepower, industrial giants. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.) (Same as ELE-73)								
33255	ELC-73	Lecture	4			ON-LINE	J Vela	02/16 - 06/11/21
		Lab		MW	07:35PM-09:00PM	IT-124		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework. Due to the ongoing health crisis, lab time on campus will be reduced and conducted in smaller groups, supplemented with online lab activities and a fully online lecture. Your faculty will have full details on the first day on Canvas. Masks are required.								
<b>ELC-74 Industrial Wiring and Controls (same As Ele-74)</b>								
Prerequisite: None Course Credit Recommendation: Degree Credit 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)								
32277	ELC-74	Lecture	4	MW	02:30PM-03:55PM	REG-MEET	G Graham	02/16 - 06/11/21
		Lab		MW	04:05PM-05:30PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ELC-75 Solid State Devices and Lighting Controls (same As Ele-75)</b>								
Prerequisite: None Course Credit Recommendation: Degree Credit Description: Students will learn about solid state device (electronics), sensors, SCR (silicone control rectifier), transistors, proximity and light sensors used in most industrial and commercial installations. Included will be showing students different types of sensors used for controlling motors, conveyors, and lighting devices. 36 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
33256	ELC-75	Lecture	3			ON-LINE	C Keissieh	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ELC-77 Electrical Theory for Electricians (same As Ele/Man-77)</b>								
(Same as MAN/ELE-77) Prerequisite: None Description: An introduction to electrical theory, Ohm's Law, magnetism, electromagnetism, voltage, resistance, current, inductance, capacitance, reactance, impedance, Watts, Volt-Amps, VARs, current control devices, sensors and actuators phase angle, power-factor, transformers, motors, power distribution systems, and proper usage of electrical test equipment (meters). Student will learn concepts of electrical power, energy, Kirchoff's Laws, along with basic math to solve fundamental electrical problems for both alternating current (A.C.) and direct current (D.C.) circuits. Student will learn basic electrical safety procedures, including the proper use and requirements for personal protective equipment (PPE). 36 hours lecture, 54 hours lab. ( same as ELE/MAN-77)								
33259	ELC-77	Lecture	3	TTh	09:30AM-10:20AM	REG-MEET	G Graham	02/16 - 06/11/21
		Lab		TTh	10:35AM-12:00PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework								

## ELECTRONICS

<b>ELE-10 Survey of Electronics</b>								
Prerequisite: None Description: Basic electronic theory featuring electron-flow, Ohm's, Watt's, and Kirchoff's Laws, analog DC and AC devices, circuits, parameters and equations, diodes, transistors, thyristors, digital logic, integrated circuits, power supplies, amplifiers, oscillators, with laboratory test and measurement equipment. 63 hours lecture and 27 hours laboratory. (Pass/No Pass Letter Grade)								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32278	ELE-10	Lecture Lab	4	MW MW	11:00AM-12:25PM 12:35PM-02:00PM	REG-MEET REG-MEET	G Graham	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ELE-71	Residential Electrical Wiring (same As Elc-71) 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.							
32304	ELE-71	Lecture Lab Lab	4	MW F MW	08:00AM-09:25AM 08:00AM-11:10AM 08:00AM-09:25AM	REG-MEET IT-124 REG-MEET	J Vela	02/16 - 06/11/21 02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework. REG Meet courses are online classes with regular weekly meeting during scheduled days and times Due to the ongoing health crisis, lab time on campus will be reduced and conducted in smaller groups, supplemented with online lab activities and a fully online lecture. Your faculty will have full details on the first day on Canvas. Masks are required.								
ELE-73	Electric Motors and Transformers (same As Elc-73) Prerequisite: None. Description: Enables electricians to understand and effectively wire most standard DC motors, servos and steppers, as well as many AC motors, including single and poly-phase units, from fractional horsepower to multi-horsepower, industrial giants. 54 hours lecture and 54 hours laboratory.							
32305	ELE-73	Lecture Lab	4	MW	07:35PM-09:00PM	ON-LINE IT-124	J Vela	02/16 - 06/11/21 02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								
ELE-74	Industrial Wiring and Controls (same As Elc-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)							
32306	ELE-74	Lecture Lab	4	MW MW	02:30PM-03:55PM 04:05PM-05:30PM	REG-MEET REG-MEET	G Graham	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ELE-75	Solid State Devices Lighting Controls (same As Elc-75) Prerequisite: None. Description: Learn to integrate electronic devices into electrical systems.							
33257	ELE-75	Lecture Lab	3			ON-LINE ON-LINE	C Keissieh	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ELE-77	Electrical Theory for Electricians (same As Elc/Man-77) Prerequisite: None Description: An introduction to electrical theory, Ohm's Law, magnetism, electromagnetism, voltage, resistance, current, inductance, capacitance, reactance, impedance, Watts, Volt-Amps, VARs, current control devices, sensors and actuators phase angle, power-factor, transformers, motors, power distribution systems, and proper usage of electrical test equipment (meters). Student will learn concepts of electrical power, energy, Kirchoff's Laws, along with basic math to solve fundamental electrical problems for both alternating current (A.C.) and direct current (D.C.) circuits. Student will learn basic electrical safety procedures, including the proper use and requirements for personal protective equipment (PPE). 36 hours lecture 54 hours laboratory. (same as ELC/MAN-77)							
32308	ELE-77	Lecture Lab	3	TTh TTh	09:30AM-10:20AM 10:35AM-12:00PM	REG-MEET REG-MEET	G Graham	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework								
ELE-401	Introduction to Electrical Theory, Basic Math Concepts, and the National Electric Code (same As Elc-401) Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Provides an introduction to algebraic and trigonometric concepts and application of their principles to solve basic electrical equations and layout conduit bends. Teaches the student to apply basic electrical theory to predict circuit behavior. Basic conduit bending techniques will be developed. The National Electrical Code will be introduced. 45 hours lecture and 54 hours laboratory. (Same as ELC-401) Letter grade.							
32900	ELE-401	Lecture Lab	3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	REG-MEET REG-MEET	G Montejano	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32901	ELE-401	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	REG-MEET REG-MEET	J Bachtel	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32902	ELE-401	Lecture Lab	3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	REG-MEET REG-MEET	P Brown	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32903	ELE-401	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	REG-MEET REG-MEET	F Rodriguez	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33333	ELE-401	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	REG-MEET REG-MEET	P Conway	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ELE-403 AC Circuit Concepts, Applied Electronics, and National Electric Code Applications (same As Ele-403)</b> Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Electrician AC theory including an exploration of inductance and capacitance and the effect of their combined reactants on AC circuits along with the application of electronic concepts and components. 45 hours lecture and 54 hours laboratory. (Same as ELC-403) Letter grade.								
32904	ELE-403	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	REG-MEET REG-MEET	P Conway	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32905	ELE-403	Lecture Lab	3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	REG-MEET REG-MEET	G Montejano	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32907	ELE-403	Lecture Lab	3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	REG-MEET REG-MEET	J Bachtel	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ELE-405 Electrician Blueprint Reading with Code Applications for National Electrical Code (NEC)</b> Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Electrician studies of blueprints and specifications. Application of the National Electric Code will cover current protection, panel-boards, and lighting systems. 45 hours lecture and 54 hours laboratory. (same as ELC-405) Letter Grade.								
32908	ELE-405	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	REG-MEET REG-MEET	M Felts	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32909	ELE-405	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	REG-MEET REG-MEET	L Vergeront	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33334	ELE-405	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	REG-MEET REG-MEET	P Brown	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ELE-407 Motor Control Principles, Generators and Power Supplies, with National Electric Code (NEC) (same As ELC-407)</b> Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice. Description: Techniques for controlling AC and DC motors; students examine conventional and cutting-edge technologies for power generation. 45 hours lecture and 54 hours laboratory. (Same as ELC-407) Letter grade.								
32910	ELE-407	Lecture Lab	3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	REG-MEET REG-MEET	S Kadella	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32911	ELE-407	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	REG-MEET REG-MEET	L Vergeront	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32912	ELE-407	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	REG-MEET REG-MEET	E Engberson	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ELE-409 Electrician Specialty Systems (same As ELC-409)</b> Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Examines specialty electrical systems commonly found in building construction. Includes fire alarm systems, closed-circuit television (CCTV) systems, telephone systems, cable television (CATV and MATV) systems, local area networks (LANs), fiber optic data systems, heating and air conditioning control systems, and lightning protection systems. 45 hours lecture and 54 hours laboratory.								
32914	ELE-409	Lecture Lab	3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	REG-MEET REG-MEET	E Engberson	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32915	ELE-409	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	REG-MEET REG-MEET	S Kadella	02/16 - 06/11/21 02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ELE-421		Electrical Theory and Practices DC (same As Ele-421)						
Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Study of floor and plot plans, basic blueprint reading and circuit drawing, theory of magnetism, DC and AC generators, motors and transformers, on-the-job safety, first aid, electrical code, telephony and data communications. 45 hours lecture and 54 hours laboratory.								
32918	ELE-421	Lecture	3.5	MW	06:00PM-07:10PM	REG-MEET	P Gomber	02/16 - 06/11/21
		Lab		MW	07:20PM-08:45PM	REG-MEET		02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33342	ELE-421	Lecture	3.5	MW	06:00PM-07:10PM	REG-MEET	L Vergeront	02/16 - 06/11/21
		Lab		MW	07:20PM-08:45PM	REG-MEET		02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ELE-423		Semiconductor Electronics (same As Elc-423)						
Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Study of solid-state electronic theory and components, diodes, transistors, SCR, triacs, diacs, IC amplifiers and op amps. 45 hours lecture and 54 hours laboratory.								
32919	ELE-423	Lecture	3.5	MW	03:00PM-04:10PM	REG-MEET	P Gomber	02/16 - 06/11/21
		Lab		MW	04:20PM-05:45PM	REG-MEET		02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ELE-499		Electrician Apprenticeship Work Experience (same As Elc-499)						
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.								
32921	ELE-499	Lecture	4	S	08:00AM-08:50AM	REG-MEET	J Rowe	02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32922	ELE-499	Lecture	4	S	09:00AM-09:50AM	REG-MEET	J Rowe	02/16 - 06/11/21
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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## ENGINEERING

ENE-10	Intro to Engineering							
Prerequisite: None. Description: Explores the branches of engineering, the functions of an engineer, and the industries in which engineers work. Covers the engineering education pathways and explores effective strategies for students to reach their full academic potential. Presents an introduction to the methods and tools of engineering problem solving and design including the interface of the engineer with society and engineering ethics. Develops communication skills pertinent to the engineering profession. 54 hours lecture.(Letter Grade, or Pass/No Pass option.)								
32309	ENE-10	Lecture	3	W	08:30AM-10:35AM	REG-MEET	A Johnson	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ENE-21	Drafting							
Prerequisite: None. Description: Fundamentals of Architectural and Mechanical Engineering drafting including lettering, instruments and their uses, geometric construction, types of projection, freehand drawing, sectioning, dimension, auxiliary views, and pictorial drawing. Recommended for beginners and students with up to one year of drafting in high school. 27 hours lecture and 81 hours laboratory. Same as DFT-21.(Letter Grade, or Pass/No Pass option)								
32310	ENE-21	Lecture	3			ON-LINE	F Mirzaei	02/16 - 06/11/21
		Lab		W	11:00AM-01:00PM	REG-MEET		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. REG Meet courses are online classes with regular weekly meeting during scheduled days and times								
ENE-30	Computer Aided Drafting (CAD)							
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 81 hours laboratory.Same as DFT-30. (Letter Grade, or Pass/No Pass option)								
32312	ENE-30	Lecture	3			ON-LINE	A Nindra	02/16 - 06/11/21
		Lab		MW	02:15PM-03:45PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32314	ENE-30	Lecture	3			ON-LINE	P Van Hulle	02/16 - 06/11/21
		Lab		TTh	06:30PM-08:30PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ENE-35	Statics							
Prerequisite: PHY-4A and MAT-1A Description:A study of force and equilibrium problems; free body diagram techniques, friction problems, second moments and moments of interia, and their application to engineering. Algebraic, vector and classical, and graphical methods of calculation. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
32315	ENE-35	Lecture	3	TTh	02:30PM-03:55PM	REG-MEET	A Johnson	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ENE-39		Engineering Circuit Analysis						
Prerequisite: PHY-4B Corequisite: MAT-2 Description: An introduction to the analysis of electrical circuits. Use of analytical techniques based on the application of circuit laws and network theorems. Analysis of DC and AC circuits containing resistors, capacitors, inductors, dependent sources, operational amplifiers, and/or switches. Natural and forced responses of first and second order RLC circuits; the use of phasors; AC power calculations; power transfer; and energy concepts. 54 hours lecture and 54 hours laboratory.								
33248	ENE-39	Lecture	4	TTh	02:00PM-03:25PM	REG-MEET	A Johnson	02/16 - 06/11/21
		Lab		TTh	03:30PM-04:00PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ENE-42		SolidWorks I						
Prerequisite: None Advisory: PC computer experience recommended Description: Introduces 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 81 hours laboratory. Same as DFT-42. (Letter grade or Pass/No Pass option)								
32316	ENE-42	Lecture	3			ON-LINE	P Van Hulle	02/16 - 06/11/21
		Lab		W	06:00PM-08:00PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ENE-42B		SolidWorks II						
Prerequisite: ENE-42 or prior SolidWorks experience Description: An advanced course in using the three-dimensional parametric solid-modeler SolidWorks. 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 81 hours laboratory. Same as DFT-42B. (Letter Grade, or Pass/No Pass option.)								
33283	ENE-42B	Lecture	3			ON-LINE	S Inceoglu	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ENE-51		Blueprint Reading						
Prerequisite: None Advisory: ENE-21 or MAT-36 Description: A beginning course in the study of blueprints and their interpretation, types of projections, sections, symbols and abbreviations. This course is designed for students interested in engineering blueprint reading for the basic mechanical, electrical and machine trades. 27 hours lecture and 27 hours laboratory. Same as DFT-51. (Letter Grade, or Pass/No Pass option.)								
32318	ENE-51	Lecture	2	T	08:00AM-09:25AM	REG-MEET	M Dowlatabadi	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ENE-52		Geometric Dimensioning and Tolerancing						
Prerequisite: None Description: Presents 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. 54 hours lab. Same as DFT-52. (Letter Grade, or Pass/No Pass option.)								
32319	ENE-52	Lecture	3			ON-LINE	G Cordier	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ENE-62		Math for Automated Systems						
Prerequisite: None Description: Course concepts from arithmetic, algebra, geometry and scientific notation, extended and applied to problems in automation technology from electrical and mechanical engineering, including metal work, welding, and building energy systems. 54 hours lecture.								
32321	ENE-62	Lecture	3	MW	07:35AM-09:00AM	REG-MEET	A Johnson	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ENGLISH</b>								
ENG-1A		English Composition						
Prerequisite: ESL-50 or ENG-50 or ENG-80 or qualifying placement 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) (Letter Grade)								
32323	ENG-1A	Lecture	4			ON-LINE	A Elizalde	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32324	ENG-1A	Lecture	4			ON-LINE	A Elizalde	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32325	ENG-1A	Lecture	4			ON-LINE	A Elizalde	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32326	ENG-1A	Lecture	4			ON-LINE	N Capps	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32327	ENG-1A	Lecture	4			ON-LINE	S Camacho	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG 91-33232. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. For more information please speak with your counselor.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32328	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Capps	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32329	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	L Hernandez	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG 91-32937. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
32330	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	T Comstock	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32331	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	T Comstock	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32332	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Morford	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32333	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	A Moore	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32334	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	A Moore	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32335	ENG-1A	Lecture Lab	4	TTh	09:00AM-10:00AM	REG-MEET ON-LINE	K Johnson-Jimenez	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor (sean.davis@norco college.edu) prior to enrolling. The above section requires concurrent enrollment in ENG 91-33234. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. Concurrent enrollment in GUI-46 32423 is also required.								
32337	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Lovell	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG 91-33238. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
32338	ENG-1A	Lecture Lab	4	MW	06:00PM-07:30PM	REG-MEET ON-LINE	E Robles	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32339	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	S Camacho	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32340	ENG-1A	Lecture Lab	4	MW	03:00PM-04:30PM	REG-MEET ON-LINE	E Robles	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32341	ENG-1A	Lecture Lab	4	MW	09:00AM-10:30AM	REG-MEET ON-LINE	C Young	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG 91-33239. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
32342	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Hill	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG 91-33233. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
32343	ENG-1A	Lecture Lab	4	TTh	12:00PM-01:30PM	REG-MEET ON-LINE	R Hitch	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG 91-33240. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
32344	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	T Wallace	02/16 - 04/09/21 02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32345	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	C Brownell	02/16 - 04/09/21 02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32347	ENG-1A	Lecture Lab	4	MW	12:00PM-01:30PM	REG-MEET ON-LINE	J Gianunzio	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG 91-33243. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
32348	ENG-1A	Lecture Lab	4	TTh	03:00PM-04:30PM	REG-MEET ON-LINE	M Pelle	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG 91-33242. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
32350	ENG-1A	Lecture Lab	4	TTh	12:00PM-01:30PM	REG-MEET ON-LINE	S Hanson	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32351	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Watson	02/16 - 04/09/21 02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32352	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Reed	02/16 - 04/09/21 02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32354	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Meiser	02/16 - 04/09/21 02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32355	ENG-1A	Lecture Lab	4			ERHS-ONLN ERHS-ONLN	S Hicks	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
32356	ENG-1A	Lecture Lab	4			JVHS-ONLN JVHS-ONLN	C Gomez	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
32357	ENG-1A	Lecture Lab	4	MW	12:00PM-01:30PM	REG-MEET ON-LINE	B Alhoch	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33165	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Morford	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33166	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	T Comstock	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33167	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	T Comstock	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33168	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Morford	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33337	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	S Camacho	04/19 - 06/11/21 04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
33340	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	C Gomez	04/19 - 06/11/21 04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
33343	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	C Gomez	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								



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**\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \***

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33344	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	R Mansikka	04/19 - 06/11/21 04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
ENG-1B		Critical Thinking and Writing						
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)								
32359	ENG-1B	Lecture Lab	4	W	12:00PM-01:30PM	REG-MEET ON-LINE	L Nelson	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32360	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	J Dobson	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32361	ENG-1B	Lecture Lab	4	MW	03:00PM-04:30PM	REG-MEET ON-LINE	C Young	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32362	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	C Young	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32363	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	C Young	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32364	ENG-1B	Lecture Lab	4	MW	12:00PM-01:30PM	REG-MEET ON-LINE	L Hernandez	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32365	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	L Hernandez	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32366	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	T Wallace	04/19 - 06/11/21 04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32367	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	C Brownell	04/19 - 06/11/21 04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32368	ENG-1B	Lecture	4			ON-LINE ON-LINE	J Watson	04/19 - 06/11/21 04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32369	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	J Reed	04/19 - 06/11/21 04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32370	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	J Meiser	04/19 - 06/11/21 04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32371	ENG-1B	Lecture Lab	4	M	09:00AM-10:30AM	REG-MEET ON-LINE	S Camacho	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32372	ENG-1B	Lecture Lab	4	TTh	09:00AM-10:30AM	REG-MEET ON-LINE	D Mattson	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32373	ENG-1B	Lecture Lab	4	T	09:00AM-10:30AM	REG-MEET ON-LINE	L Nelson	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32374	ENG-1B	Lecture Lab	4	TTh	06:00PM-07:30PM	REG-MEET ON-LINE	R Mansikka	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32375	ENG-1B	Lecture Lab	4	TTh	03:00PM-04:30PM	REG-MEET ON-LINE	D Mattson	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32377	ENG-1B	Lecture Lab	4	TTh	10:30AM-11:30AM	REG-MEET ON-LINE	K Johnson-Jimenez	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor (sean.davis@norccollege.edu) prior to enrolling.								
32378	ENG-1B	Lecture Lab	4	TTh	09:00AM-10:30AM	REG-MEET ON-LINE	A Elizalde	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. 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-46-32424 is required. See the instructor and a counselor before enrolling.								
32379	ENG-1B	Lecture Lab	4			ERHS-ONLN ERHS-ONLN	N Soriano	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
33177	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	D Turrubiates	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33178	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	R Marsh	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33179	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	M Gonzalez	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section has reading and writing assignments centered on the Men of Color experience and is intended for students in the Men of Color Scholars Program. See the Men of Color Scholar counselor (daniel.grajeda@rccd.edu) prior to enrolling.								
33302	ENG-1B	Lecture Lab	4			JVHS-ONLN JVHS-ONLN	N Soriano	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
<b>ENG-1BH Honors Critical Thinking and Writing</b> 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)								
32925	ENG-1BH	Lecture Lab	4	TTh	03:00PM-04:00PM	REG-MEET ON-LINE	D Reade	02/16 - 06/11/21 02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ENG-4 Writing Tutor Training</b> Prerequisite: ENG-1A or ENG-1AH Description: Designed to prepare students to become peer tutors in the Writing Center. Participants learn specific tutoring techniques and discuss problems, questions, and challenges in tutoring writing. Tutors develop student-centered, non-intrusive tutoring skills that avoid appropriating the text (i.e., becoming a proofreader, editor, or co-author). Topics include theory and practice of tutoring writing, including writing as a process, interpersonal communication techniques, cross-cultural tutoring, group learning, and computer programs applicable to writing instruction. 27 hours lecture and 27 hours laboratory. (TBA option)								
33180	ENG-4	Lecture Lab	2			ON-LINE ON-LINE	N Capps	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ENG-6 British Literature I: Anglo-Saxon through Eighteenth Century</b> Prerequisite: ENG-50 or ENG-80 or eligibility for ENG-1A Advisory: ENG-1B or ENG-1BH Description: A survey of British literature from the eighth century CE to 1800, including a comprehensive exposure to the poetry, drama, and fiction of this era as well as a basic understanding of the cultural, intellectual, and artistic trends it embodies. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)								
33225	ENG-6	Lecture	3			ON-LINE	D Reade	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ENG-15 American Literature II: 1860 to the Present</b> Prerequisite: ENG-50 or ENG-80 or eligibility for ENG-1A Advisory: ENG-1B or ENG-1BH Description: A survey of American literature from 1860 to the present, including a comprehensive exposure to the prose, poetry, fiction, and drama of this era as well as a basic understanding of the cultural, intellectual, and artistic trends it embodies. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
33226	ENG-15	Lecture	3	Th	03:00PM-04:00PM	REG-MEET	L Nelson	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ENG-20 Survey of African American Literature</b> 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.)								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33227	ENG-20	Lecture	3	MW	09:00AM-10:00AM	REG-MEET	K Johnson-Jimenez	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ENG-23 The Bible As Literature</b> Prerequisite: None Advisory: ENG-1B or ENG-1BH and REA-83 Description: A survey of the Hebrew Bible and New Testament with emphasis on literary form, styles, and themes. 54 hours lecture. (Same as HUM-23) (Letter Grade, or Pass/No Pass Option.)								
33200	ENG-23	Lecture	3			ON-LINE	M Bobo	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ENG-44 Poetry from the Twentieth Century to the Present</b> Prerequisite: None Advisory: ENG-1B or ENG-1BH Description: The study of major voices and trends in poetry of the twentieth and twenty-first century, examining the cultural and artistic contexts from which this poetry emerged. Topics include poetic structure and development and thematic elements. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
33185	ENG-44	Lecture	3			ON-LINE	A Moore	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ENG-91 Academic Support for English 1</b> 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.)								
33232	ENG-91	Lecture	2			ON-LINE	S Camacho	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG-1A-32327. ENG 91 is a co-requisite support course designed to offer extra support and class time for students for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
33233	ENG-91	Lecture	2			ON-LINE	J Hill	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG-1A-32342. ENG 91 is a co-requisite support course designed to offer extra support and class time for students for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
33234	ENG-91	Lecture	2			ON-LINE	K Johnson-Jimenez	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG-1A-32335. ENG 91 is a co-requisite support course designed to offer extra support and class time for students for students to complete ENG 1A in a single term. See the Umoja counselor (sean.davis@norccollege.edu) prior to enrolling. Concurrent enrollment in GUI-46 32423 is also required.								
33237	ENG-91	Lecture	2	MW	09:00AM-10:00AM	REG-MEET	L Hernandez	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG-1A-32329. ENG 91 is a co-requisite support course designed to offer extra support and class time for students for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
33238	ENG-91	Lecture	2	W	12:00PM-01:00PM	REG-MEET	J Lovell	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG-1A-32337. ENG 91 is a co-requisite support course designed to offer extra support and class time for students for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
33239	ENG-91	Lecture	2	MW	10:30AM-11:30AM	REG-MEET	C Young	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG-1A-32341. ENG 91 is a co-requisite support course designed to offer extra support and class time for students for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
33240	ENG-91	Lecture	2	TTh	01:30PM-02:30PM	REG-MEET	R Hitch	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG-1A-32343. ENG 91 is a co-requisite support course designed to offer extra support and class time for students for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
33242	ENG-91	Lecture	2	TTh	04:30PM-05:30PM	REG-MEET	M Pelle	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG-1A-32348. ENG 91 is a co-requisite support course designed to offer extra support and class time for students for students to complete ENG 1A in a single term. For more information please speak with your counselor.								
33243	ENG-91	Lecture	2	MW	01:30PM-02:30PM	REG-MEET	J Gianunzio	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section requires concurrent enrollment in ENG-1A-32347. ENG 91 is a co-requisite support course designed to offer extra support and class time for students for students to complete ENG 1A in a single term. For more information please speak with your counselor.								

## ENGLISH AS A SECOND LANGUAGE

<b>ESL-46 Beginning American College English</b> Prerequisite: None Advisory: Students should be aware that courses are taught in English. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at beginning level to prepare students to enter ESL 47. Students will produce a minimum of 1,250 words of instructor-evaluated writing with an emphasis on academic paragraph writing in response to reading. 90 hours lecture. (Letter Grade or Pass/No Pass Option.)								
33129	ESL-46	Lecture	5	TTh	06:30PM-08:30PM	REG-MEET	L Tougas	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>ESL-47 Low-Intermediate American College English</b> Prerequisite: ESL-46 or ESL-846 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at a low-intermediate level to prepare students to enter ESL 48. Students will produce a minimum of 2,250 words of instructor-evaluated writing with an emphasis on academic paragraph writing in response to reading. 90 hours lecture. (Letter Grade or Pass/No Pass Option.)								
33131	ESL-47	Lecture	5	T	11:00AM-12:30PM	REG-MEET	M Shirinian	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ESL-48		Intermediate American College English						
Prerequisite: ESL-47 or ESL-847 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing reading, and oral language expression in academic American English language at an intermediate level to prepare students to enter ESL 49. Students will produce a minimum of 3,500 instructor-evaluated writing with an emphasis on basic essay writing in response to reading. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) Letter Grade.								
33132	ESL-48	Lecture Lab	5	MW	06:30PM-08:30PM	REG-MEET ON-LINE	D Tougas	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ESL-49		High-Intermediate American College English						
Prerequisite: ESL-48 or ESL-848 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at an intermediate level to prepare students to enter ESL 50. Students will produce a minimum of 6,000 words of instructor-evaluated writing with an emphasis on essay writing in response to reading. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) Letter Grade.								
33133	ESL-49	Lecture Lab	5	M	09:00AM-10:30AM	REG-MEET ON-LINE	M Shirinian	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ESL-50		Advanced American College English						
Prerequisite: ESL-49 or ESL-849 Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at an advanced level to prepare students to enter English 1A. Students will produce a minimum of 7,000 words of instructor-evaluated writing with an emphasis on expository essay writing in response to advanced readings from various sources and a novel. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) Letter Grade.								
33135	ESL-50	Lecture Lab	5	M	11:00AM-12:30PM	REG-MEET ON-LINE	M Shirinian	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ESL-91		Oral Skills I: Beginning Oral Communication						
Prerequisite: None Advisory: Concurrent enrollment in ESL 51 or 52 Description: This course emphasizes beginning conversation, pronunciation, and idiomatic skills along with basic listening comprehension. Conversational and idiomatic skills focus on fluent and appropriate use of common words and functional expressions in life skills areas--shopping, food, clothing, money/banking, car/license, travel, medicine. Pronunciation focuses on the articulation of English vowels and consonants and on the development of basic English patterns of stress and intonation. Listening stresses understanding verbal instructions and questions, common vocabulary and daily functions in an aural context, main ideas and details in monologues and dialogues. 54 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)								
33136	ESL-91	Lecture Lab	3	T	09:00AM-10:30AM	REG-MEET ON-LINE	M Shirinian	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## FRENCH

FRE-1		French 1						
Prerequisite: None. Description: Develops basic skills in listening, reading, speaking, and writing. Emphasis on acquisition of vocabulary, structures, and grammatical patterns necessary for comprehension of native spoken and written French at the beginning level. Includes discussion of French culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)								
32407	FRE-1	Lecture Lab	5	MW	12:00PM-01:00PM	REG-MEET ON-LINE	A Veylit	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
FRE-2		French 2						
Prerequisite: FRE-1 or qualifying placement levels on the French 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 French at the beginning level. 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.)								
32408	FRE-2	Lecture	5	TTh	06:00PM-07:30PM	REG-MEET	A Smith	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## GAME DEVELOPMENT

GAM-2		History of Video Games (formerly Gam-21)						
Prerequisite: None Description: A comprehensive study of the evolution of video games, including their technological and artistic antecedents, with analysis of how video games reflect the beliefs, aspirations and values of the cultures where they flourish. Study includes gameplay experience and analysis of notable game genres, identifying significant artistic and technological innovations. 54 hours lecture. (Letter grade)								
33215	GAM-2	Lecture	3			ON-LINE	J Finley	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33216	GAM-2	Lecture	3			ON-LINE	J Finley	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33217	GAM-2	Lecture	3			ON-LINE	J Finley	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
33218	GAM-2	Lecture	3			ON-LINE	J Finley	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only.								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33330	GAM-2	Lecture	3			ON-LINE	J Finley	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
<b>GAM-3B Advanced Game Design</b> Prerequisite: GAM-3A Description: An advanced exploration of game design emphasizing gameplay tuning, focus group testing, analytics, and user experience. 54 hours lecture.								
33203	GAM-3B	Lecture	3			ON-LINE	C Chance	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>GAM-4B Advanced Game Scripting</b> Prerequisite: CIS-17B or CSC-17B or CSC-18B or CIS-18B or GAM-4A Description: An advanced exploration of Game Scripting concepts. Emphasizes the use of design patterns, optimization, process, and efficiency in the activity of games programming. 54 hours lecture.								
33206	GAM-4B	Lecture	3			ON-LINE	J Ruiz	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>GAM-5B Advanced Concept Art</b> Prerequisite: GAM-5A Description: An advanced course in concept art, focusing on iteration, speed, efficiency, precision, and working within constraints. Emphasizes form, function, narrative, context, and thorough exploration of ideas in a rapid and visual manner. 54 hours lecture.								
33208	GAM-5B	Lecture	3			ON-LINE	R Bourbeau	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>GAM-6B 3D Animation</b> Prerequisite: GAM-6A Description: How to prepare an animation rig accurately and anatomically in a 3D simulation environment. Prepare previously created humanoid and creature 3D models and animate them using professional production techniques. 54 hours lecture.								
33210	GAM-6B	Lecture	3			ON-LINE	T Dunipace	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>GAM-7 Game Studio</b> Prerequisite: NONE Description: Introduction to practical game development techniques emphasizing team skills, project management, scope discipline, and task completion. Focuses on delivering finished projects for the purpose of portfolio or further development. 54 hours lecture. (Letter grade only)								
33212	GAM-7	Lecture	3			ON-LINE	C Chance	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33213	GAM-7	Lecture	3			ON-LINE	T Dunipace	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>GAM-8 Current Topics in Game Development</b> Prerequisite: None Advisory: CIS-78A Description: Curriculum restructure to streamline the program and flatten structure. This course allows for much needed flexibility and adaptability in our programs, allowing us to stay current without needing to constantly restructure our offerings.								
33214	GAM-8	Lecture	3			ON-LINE	J Finley	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## GEOGRAPHY

<b>GEG-1 Physical Geography</b> 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.								
32409	GEG-1	Lecture	3			ON-LINE	R Christov	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32410	GEG-1	Lecture	3			ON-LINE	S Justice	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32411	GEG-1	Lecture	3			ON-LINE	S Justice	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32412	GEG-1	Lecture	3			ON-LINE	E Ogbuchiekwe	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32413	GEG-1	Lecture	3			ON-LINE	E Peprah	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32414	GEG-1	Lecture	3	TTh	08:00AM-09:25AM		S Justice	02/16 - 06/11/21
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.								
33163	GEG-1	Lecture	3			ON-LINE	E Peprah	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>GEG-1L Physical Geography Laboratory</b> 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.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32415	GEG-1L	Lecture	1			ON-LINE	S Justice	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32416	GEG-1L	Lecture	1			ON-LINE	R Christov	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32417	GEG-1L	Lecture	1			ON-LINE	S Justice	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32418	GEG-1L	Lecture	1			ON-LINE	E Ogbuchiekwe	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32419	GEG-1L	Lecture	1	TTh	09:30AM-10:55AM		S Justice	02/16 - 06/11/21
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.								
<b>GEG-2 Human Geography</b> Prerequisite: None. Description: The geographic analysis of the human imprint on the planet. Topics include population, food, language, religion, economic activity, physical environment and political geography.								
32420	GEG-2	Lecture	3			ON-LINE	R Christov	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>GEG-4 Geography of California</b> Prerequisite: None. Description: An introduction to California's physical and cultural diversity as well as the issues facing individual regions and the state.								
33164	GEG-4	Lecture	3			ON-LINE	N Prajapati	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>GEG-5 Weather and Climate</b> Prerequisite: None. Description: The nature and causes of common meteorological phenomena, severe weather occurrences, and climatic patterns. Topics include: atmospheric structure, solar radiation and energy balances, atmospheric moisture, clouds and fog, air pressure, wind, air masses and fronts, cyclones, tornadoes, hurricanes, weather forecasting, climate classification, and climate change. Understanding the human impact on weather and climate is an important thread throughout the course. 54 hours lecture. (Same as PHS-5.) (Letter grade)								
32953	GEG-5	Lecture	3			ON-LINE	E Ogbuchiekwe	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>GUIDANCE</b>								
<b>GUI-45 Introduction to College</b> 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. 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.								
32954	GUI-45	Lecture	1			ON-LINE	C Lopez Ediss	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a short term class. Please note the start and end date.								
<b>GUI-46 Intro Transfer Process</b> Prerequisite: None. Description: Provides an introduction to the transfer process. Includes an in-depth exploration of transfer requirements, admission procedures, requirements for majors, and financial aid opportunities. The information learned will enable students to make informed choices on majors, four-year institutions and in academic planning. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)								
32423	GUI-46	Lecture	1	T	10:30AM-11:20AM	REG-MEET	A Davis	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is designed with special emphasis on African American culture. See the Umoja counselor (sean.davis@norcocollege.edu) prior to enrolling. Internet access is required.								
32424	GUI-46	Lecture	1	T	11:00AM-11:50AM	REG-MEET	A Moreno	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is designed for students in the Puente Program. Please see the instructor and a counselor before enrolling. This class is a web-enhanced class, Internet access is required.								
33244	GUI-46	Lecture	1			ON-LINE	D Grajeda	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is designed for the Men of Color (MOC) Community. Please see the MOC counselor in the Counseling Department prior to enrolling.								
33300	GUI-46	Lecture	1			ON-LINE	B Quintanar	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is short term, please note start and end date.								
<b>GUI-47 Career Exploration and Life Planning</b> 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.								
32425	GUI-47	Lecture	3			ON-LINE	J Moore	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. ss required. See www.opencampus.com.								
32426	GUI-47	Lecture	3			ON-LINE	J Midgett	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32427	GUI-47	Lecture	3			ON-LINE	M Iliscupidez	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This is a short term class please note start and end date.								
32428	GUI-47	Lecture	3			ON-LINE	M Iliscupidez	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This is a short term class please note start and end date.								
32430	GUI-47	Lecture	3			ON-LINE	S Alcala	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32431	GUI-47	Lecture	3			ON-LINE	E Montgomery	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32432	GUI-47	Lecture	3	T	09:00AM-10:25AM	REG-MEET	C Beirne	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is intended for students with disabilities. The course is intended to assist students in the areas of college success strategies, disability management, self-advocacy, and navigating academic adjustments. For additional information, please contact the DRC at (951) 372-7070.								
32433	GUI-47	Lecture	3			ON-LINE	J Frith	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32434	GUI-47	Lecture	3			ON-LINE	A Iglesias	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Corona High School students participating in Norco College's Dual Enrollment Program.								
32435	GUI-47	Lecture	3			ON-LINE	B Serrano Madsen	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
32436	GUI-47	Lecture	3			ON-LINE	D Harshbarger	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to La Sierra High School students participating in Norco College's Dual Enrollment Program.								
32437	GUI-47	Lecture	3			ON-LINE	C Lopez Ediss	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. Internet access is required, See <a href="http://www.opencampus.com">www.opencampus.com</a>								
32438	GUI-47	Lecture	3			ON-LINE	A Iglesias	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program. Internet access is required, See <a href="http://www.opencampus.com">www.opencampus.com</a>								
32439	GUI-47	Lecture	3			ON-LINE	D Harshbarger	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
33087	GUI-47	Lecture	3	W	04:15PM-05:40PM	REG-MEET	A Bailey	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is an online class with special emphasis on African American Culture. Please contact the program coordinator or educational advisor for assistance prior to enrolling. ( <a href="mailto:sean.davis@norcocollege.edu">sean.davis@norcocollege.edu</a> OR <a href="mailto:anita.bailey@norcocollege.edu">anita.bailey@norcocollege.edu</a> )								
33088	GUI-47	Lecture	3	W	04:15PM-05:40PM	REG-MEET	A Bailey	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program								
33089	GUI-47	Lecture	3	W	04:15PM-05:40PM	REG-MEET	A Bailey	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
33331	GUI-47	Lecture	3			ON-LINE	D Harshbarger	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Norco High School students participating in Norco College's Dual Enrollment Program.								
GUI-48 College Success Strat								
Prerequisite: None Description: This comprehensive course integrates personal growth and values, academic study strategies and critical thinking techniques. Students will obtain skills and personal/interpersonal awareness necessary to succeed in college. 54 hours lecture. (Letter grade only)								
33290	GUI-48	Lecture	3			ON-LINE	A Davis	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33335	GUI-48	Lecture	3			ON-LINE	R Chacon	04/19 - 06/11/21
This section is a short term class. Please note the start and end dates. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## HEALTH SCIENCE

HES-1 Health Science (same As Bio-35)

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.

32955	HES-1	Lecture	3			ON-LINE	S Witmer	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32956	HES-1	Lecture	3			ON-LINE	T Wallstrom	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32957	HES-1	Lecture	3			ON-LINE	S Witmer	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32964	HES-1	Lecture	3			ON-LINE	T Wallstrom	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33266	HES-1	Lecture	3			ON-LINE	T Wallstrom	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## HISTORY

HIS-2	History of World Civilizations II Prerequisite: None Advisory: REA-83 and qualification for ENG-1A Description: A survey of the evolution of modern world civilizations from the 16th century emergence of new global political, economic, social, and intellectual patterns, through the era of industrialization and imperialism, to the world wars of the 20th century and the present. 54 hours lecture.							
32455	HIS-2	Lecture	3			ON-LINE	S Kyriakos	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
HIS-6	United States History to 1877 Prerequisite: None Advisory: REA-83 or ENG-50 or ENG-80 or qualification for ENG 1A. 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.							
32458	HIS-6	Lecture	3			ON-LINE	B Baca	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32459	HIS-6	Lecture	3			ON-LINE	T Russell	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32460	HIS-6	Lecture	3			ON-LINE	T Russell	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32461	HIS-6	Lecture	3			ON-LINE	T Russell	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32462	HIS-6	Lecture	3			ON-LINE	B Baca	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32464	HIS-6	Lecture	3			ON-LINE	T Russell	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33144	HIS-6	Lecture	3			ON-LINE	M Hickerson	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
HIS-7	United States History From 1865 Prerequisite: None Advisory: ENG-83 or ENG-50 or ENG-80 or qualification for ENG-1A Description: Political, social and economic development of the United States from 1865 to the present; the evolution of American thought and institution; principles of national, state, and local government. Students may not receive credit for both HIS-7 and HIS-7H. 54 hours lecture.							
32466	HIS-7	Lecture	3			ON-LINE	S Kyriakos	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32467	HIS-7	Lecture	3			ON-LINE	H Vion	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32468	HIS-7	Lecture	3			ON-LINE	S Kyriakos	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32470	HIS-7	Lecture	3			ON-LINE	S Kyriakos	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32472	HIS-7	Lecture	3			ON-LINE	S Kyriakos	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32473	HIS-7	Lecture	3			ON-LINE	D Reina	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32474	HIS-7	Lecture	3			ON-LINE	H Vion	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32475	HIS-7	Lecture	3			ON-LINE	H Vion	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32476	HIS-7	Lecture	3			ON-LINE	D Reina	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32478	HIS-7	Lecture	3			ON-LINE	C Delgadillo	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to CAVA Online High School students participating in Norco College's Dual Enrollment Program.								
32479	HIS-7	Lecture	3			ON-LINE	M Hickerson	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
33156	HIS-7	Lecture	3			ON-LINE	C Delgadillo	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to La Sierra High School students participating in Norco College's Dual Enrollment Program.								
HIS-26		History of California						
Prerequisite: None Description: A survey of the history of California from the pre-Columbian period to the present, with emphasis on the period since statehood in 1850. 54 hours lecture. (Letter grade)								
33127	HIS-26	Lecture	3			ON-LINE	T Russell	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
HIS-31		Introduction to Chicano/a Studies						
Prerequisite: None Description: This course is a survey of regional Chicano/a population historical and cultural roots, and social problems from the Spanish and Mexican colonial period to the present. Included is an examination of the principles of state and local government as well as political, economic and social forces as they relate to contemporary Chicano/a problems. Considers the Constitution of the United States and its relevance to Chicanos as Americas second largest minority group. 54 hours lecture.								
33195	HIS-31	Lecture	3			ON-LINE	D Reina	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33196	HIS-31	Lecture	3	M	01:00PM-02:00PM	REG-MEET	C Delgadillo	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section will focus on the Chicano experience and is designed for students in the Puente Program. Contact the instructor and a counselor before enrolling.								
33197	HIS-31	Lecture	3	M	01:00PM-02:00PM	REG-MEET	C Delgadillo	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a web-enhanced class, designed with special emphasis on African American culture. Contact the Umoja counselor (sean.davis@norcocollege.edu) prior to enrolling.								
33198	HIS-31	Lecture	3	M	01:00PM-02:00PM	REG-MEET	C Delgadillo	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is designed with special emphasis on the Men of Color experience. Contact the Men of Color Counselor (Daniel.grajeda@rccd.edu) prior to enrolling.								
<b>HUMANITIES</b>								
HUM-4		Arts and Ideas: Ancient World Through the Late Medieval Period						
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.								
33201	HUM-4	Lecture	3			ON-LINE	G DeAngelis	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
HUM-5		Arts and Ideas: Renaissance through the Modern Era						
Prerequisite: None Advisory: REA-83 and qualification for English 1A Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, photography, cinema, media, and religion of Western civilization. The cultural achievements of the Renaissance, Enlightenment, Romantic, Modern and post-modern periods are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to contemporary thought Students may not receive credit for both HUM-5 and HUM-5H. 54 hours lecture.								
32486	HUM-5	Lecture	3			ON-LINE	G DeAngelis	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
HUM-5H		Honors Arts and Ideas:The Renaissance through the Modern Era						
Prerequisite: None Advisory: REA-83 and qualification for English 1A Limitation on enrollment: Enrollment in Honors Program Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, photography, cinema, media,and religion of Western civilization. The cultural achievements of the Renaissance, Enlightenment, Romantic, Modern and post-Modern periods 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 skillsanalysis, synthesis, and evaluation. Students may not receive credit for both HUM-5 and HUM-5H. 54 hours lecture.								
33211	HUM-5H	Lecture	3			ON-LINE	A Silva	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
HUM-9		American Voices						
Prerequisite: None Advisory: REA-83 and qualification for ENG-1A Description: An interdisciplinary study of American voices across class, racial, ethnic, religious, and other boundaries. Close reading of American biographies and autobiographies of writers, artists, musicians, and other artists to analyze the evolving character of American identity. 54 hours lecture.								
32489	HUM-9	Lecture	3			ON-LINE	M Bobo	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
HUM-10		World Religions						
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.								
32481	HUM-10	Lecture	3	T	06:00PM-09:00PM	REG-MEET	D Ketcham	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32483	HUM-10	Lecture	3			ON-LINE	M Bobo	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32484	HUM-10	Lecture	3			ON-LINE	M Bobo	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
HUM-11		Religion in America						
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.								
33202	HUM-11	Lecture	3			ON-LINE	M Bobo	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
HUM-23		The Bible As Literature						
Prerequisite: None Advisory: ENG-1B or ENG-1BH and REA-83 Description: A survey of the Hebrew Bible and New Testament with emphasis on literary form, styles, and themes. 54 hours lecture. (Same as ENG-23) (Letter Grade, or Pass/No Pass Option.)								
33199	HUM-23	Lecture	3			ON-LINE	M Bobo	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## INTERDISCIPLINARY STUDIES

ILA-1		Introduction to Tutor Training						
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.)								
32972	ILA-1	Lecture	1	W	05:30PM-07:35PM	REG-MEET	M Sloniger	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ILA-3		Student Resiliency						
Prerequisite: None Description: This participatory course trains students how to attain, foster, and utilize skills that may support academic success in the face of adversity. The course includes theories of resiliency, workshops on strategies for resilience and academic success, problem-solving applications, and network building. 18 hours lecture. (Non-degree credit course)								
32974	ILA-3	Lecture	1			ON-LINE	C Voss	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
32977	ILA-3	Lecture	1			ON-LINE	C Voss	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
32980	ILA-3	Lecture	1			ON-LINE	C Voss	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
32984	ILA-3	Lecture	1			ON-LINE	C Voss	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Corona High School students participating in Norco College's Dual Enrollment Program.								
32986	ILA-3	Lecture	1			ON-LINE	C Voss	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program.								

## JOURNALISM

JOU-7		Mass Communications						
Prerequisite: None. Advisory: ENG-50 or ENG-80 or qualifying placement into ENG-1A. 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. 54 hours lecture.								
33289	JOU-7	Lecture	3			ON-LINE	J Muto	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## KINESIOLOGY

KIN-4		Nutrition						
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.(Letter grade only)								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32997	KIN-4	Lecture	3			ON-LINE	S Witmer	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33000	KIN-4	Lecture	3			ON-LINE	T Wallstrom	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-10	Introduction to Kinesiology							
Prerequisite: None Description: An introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in Kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. 54 hours lecture.								
32990	KIN-10	Lecture	3			ON-LINE	R Aguilar	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32991	KIN-10	Lecture	3			ON-LINE	R Aguilar	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-16	Introduction to Athletic Training							
Prerequisite: None. Description: TBasic concepts of athletic training with emphasis in the prevention and care of athletic injuries. Basic taping techniques will be presented and practiced. 45 hours lecture and 27 hours laboratory. (Letter grade)								
32499	KIN-16	Lecture	3			ON-LINE	J Winn	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-30	First Aid and CPR							
Prerequisite: None. Description: Theory and detailed demonstration of first aid care of the injured by the citizen responder. Students will learn how to assess a victim's condition and incorporate proper treatment. Students who successfully pass all National Safety Council requirements will receive a National Safety Council Advanced First Aid certificate. Students who successfully pass all American Heart Association requirements will receive a Healthcare Professional CPR certificate. 54 hours lecture. A fee of \$24.00 for required certificates will be charged to the student and is not covered by CCPG. (Letter grade only)								
33267	KIN-30	Lecture	3			ON-LINE	S Witmer	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 3/15/21 8:00AM-10:00AM or 3/15/21 10:30AM-12:30PM or 3/15/21 1:00PM-3:00PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
33268	KIN-30	Lecture	3			ON-LINE	S Witmer	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 3/17/21 8:00AM-10:00AM or 3/17/21 10:30AM-12:30PM or 3/17/21 1:00PM-3:00PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
33269	KIN-30	Lecture	3			ON-LINE	J McMains	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 3/16/21 8:00AM-10:00AM or 3/16/21 10:30AM-12:30PM or 3/16/21 1:00PM-3:00PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
KIN-36	Wellness: Lifestyle Choices							
Prerequisite: None. Description: Exploration of major health issues and behaviors in the various dimensions of health. The Dimensions of health and wellness include the social, physical, emotional, occupational, intellectual and spiritual. Emphasis is placed on the individual responsibility for personal health and the promotion of informed, positive health behaviors. Nutrition, physical activity, weight control, mental health, stress management, violence, substance abuse, reproductive health, disease prevention, aging, healthcare and environmental hazards and safety will be discussed. 54 hours lecture. (Letter grade only)								
32996	KIN-36	Lecture	3			ON-LINE	R Aguilar	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-38	Stress Management							
Prerequisite: None. Description: The nature,physiology, and psychology of stress. Students will explore perceptions, attitudes, beliefs, and lifestyle factors that may be pre-cursors 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.								
32505	KIN-38	Lecture	3			ON-LINE	W Elton	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A40	Karate, Beginning							
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.)								
32511	KIN-A40	Lecture	1			ON-LINE	D Namekata	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A41	Karate, Intermediate							
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.)								
33002	KIN-A41	Lecture	1			ON-LINE	D Namekata	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A43	T'ai-chi Ch'uan, Beginning							
Prerequisite: None Description: Covers Beginning and Short Form Yang Style T'ai-chi ch'uan (taijiquan) routines. Beginning T'ai-chi form is a 24 movement routine, to introduce the student to basic walking stances along with hand movements. The Short Form is a 37 movement routine, providing emphasis on balance and fluidity of movement. Students will learn proper posture, relaxation methods, stances, hand and foot motions. Benefits include improved balance, flexibility, coordination, focus, and stress reduction. Supplemental exercises will include stretching methods, ch'i kung (qigong) and Chinese therapeutic exercises. KIN-A40, A41, A43, and A44 are courses related in content and are limited in enrollment according to Title 5, section 55040. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33270	KIN-A43	Lecture	1			ON-LINE	F Stewart	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A44	T'ai-chi Ch'uan, Intermediate							
Prerequisite: KIN-A43 Description: A continuation of Yang Style T'ai-chi Ch'uan. Covers more advanced forms and training methods. Students will learn the Yang Style T'ai-chi Ch'uan (taijiquan) 108 movement Long Form. Students will also learn standing and seated meditations, and supplemental exercises. KIN-A40, A41, A43, and A44 are courses related in content and are limited in enrollment according to Title 5, section 55040. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
33271	KIN-A44	Lecture	1			ON-LINE	F Stewart	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A46	Hatha Yoga, Beginning							
Prerequisite: None. Description: Beginning 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.)								
32514	KIN-A46	Lecture	1			ON-LINE	F Stewart	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32515	KIN-A46	Lecture	1			ON-LINE	L Zank	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A47	Hatha Yoga, Intermediate							
Prerequisite: None Advisory: KIN-A46 Description: 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.)								
33003	KIN-A47	Lecture	1			ON-LINE	L Zank	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33273	KIN-A47	Lecture	1			ON-LINE	F Stewart	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A64	Soccer							
Prerequisite: None Description: This course is designed to introduce students to the rules, basic skills, and offensive/defensive strategy in soccer. Emphasis will be placed on improving individual skills and applying these skills to game situations. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
32517	KIN-A64	Lecture	1	TTh	08:00AM-09:25AM	SOCR-2	B Kuderman	02/16 - 06/11/21
32518	KIN-A64	Lecture	1	TTh	11:15AM-12:40PM	SOCR-2	D Rea	02/16 - 06/11/21
KIN-A75B	Walking for Fitness: Intermediate							
Prerequisite: None Advisory: KIN-A75A Description: This course is designed for students of intermediate fitness levels who would like to enhance and improve their cardiovascular fitness, basic strength and flexibility with more advanced walking strategies. Intermediate walking techniques will be utilized in establishing walking programs designed to promote improvements in cardiorespiratory endurance and body composition. 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.)								
32519	KIN-A75B	Lecture	1			ON-LINE	R Aguilar	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A81A	Physical Fitness, Beginning							
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.)								
32520	KIN-A81A	Lecture	1			ON-LINE	R Aguilar	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33275	KIN-A81A	Lecture	1			ON-LINE	R Aguilar	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A81B	Cardio and Strength Training, Intermedia							
Prerequisite: None. Description: Provides nutritional, cardiovascular, strength, flexibility and assessment concepts to enhance the personalized exercise program. 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. (TBA option)(Letter Grade, or Pass/No Pass option.)								
32521	KIN-A81B	Lecture	1			ON-LINE	R Aguilar	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33276	KIN-A81B	Lecture	1			ON-LINE	R Aguilar	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A81C	Cardio and Strength Training, Advanced							
Prerequisite: KIN-A81B Description: Designed to enhance nutritional, cardiovascular, strength and flexibility concepts in order to create and apply a lifelong individual physical fitness program. KIN A81A and A81B and A81C are courses related in content and are limited 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)								
33274	KIN-A81C	Lecture	1			ON-LINE	R Aguilar	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33277	KIN-A81C	Lecture	1			ON-LINE	R Aguilar	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
KIN-A83	Kickboxing Aerobics							
Prerequisite: None. Description: Basic fitness concepts as well as basic movement skills and exercises with the use of kickboxing in an aerobic format. Students will develop strength, flexibility, endurance, movement memory, balance, coordination and cardiovascular fitness. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
32522	KIN-A83	Lecture	1			ON-LINE	L Zank	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>LIBRARY</b>								
LIB-1	Introduction to Information Literacy							
Prerequisite: None. Description: Presents the fundamentals of the effective use of libraries to find, evaluate, interpret, and organize information online and in print; and to answer research questions and develop new ones. Students will develop an understanding of access to and ethical use of information through the use of retrieval systems. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)								
32528	LIB-1	Lecture	1			ON-LINE	M Castro	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32529	LIB-1	Lecture	1			ON-LINE	S Seifried	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32530	LIB-1	Lecture	1			ON-LINE	B Ramirez	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MANAGEMENT</b>								
MAG-47	Applied Business and Management Ethics							
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. (Same as BUS-47) (Letter Grade, or Pass/No Pass option)								
32531	MAG-47	Lecture	3			ON-LINE	E Doucette	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
MAG-53	Human Relations							
Prerequisite: None. Description: A practical application of basic psychology in building better employer-employee relationships. Examines effective human relation techniques. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
32532	MAG-53	Lecture	3			ON-LINE	A Martin	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
MAG-56	Hrm: Human Resources Management							
Prerequisite: None. Description: Examines the manager's responsibility for implementing human resources applications involving the selection, training, evaluation, motivation and promotion of personnel. Compares and contrasts alternatives leading to innovative and socially responsible solutions to current employee relations issues with the workplace. 54 hours lecture. (Letter Grade)								
32533	MAG-56	Lecture	3			ON-LINE	A Martin	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is a short term class. Please note the start and end dates.								
<b>MANUFACTURING TECHNOLOGY</b>								
MAN-55	Occupational Safety and Health Administration (OSHA) Standards for General Industry							
Prerequisite: None. 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 hour general industry or construction industry training completion card. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)								
32535	MAN-55	Lecture	1			ON-LINE	P Van Hulle	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
MAN-56	CNC Machine Set-Up and Operation							
Prerequisite: None. Description: Fundamental skills related to the setup and operation of CNC (Computer Numerically Control) machine tools. Students will set up and operate CNC machine tools exposing them to CNC controllers and some CNC manual programming. Students will gain hands-on experience with CNC machine tools. 54 hours lecture and 54 hours laboratory. (Letter grade or Pass/No Pass)								
33005	MAN-56	Lecture	4	TTh	06:00PM-07:00PM	REG-MEET	P Van Hulle	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
MAN-60	Hydraulic and Pneumatic Systems							
Prerequisite: None. Advisory: ENE-60 or MAT-52. Description: Basics of hydraulic and pneumatic systems including physical properties of liquids under pressure. Pumps, motors, accumulators, valves and drive cylinders are studied. The design and assembly of both high and low pressure fluid control systems from standard components is experienced. Applications of fluids in robotic and industrial equipment systems are presented. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
33262	MAN-60	Lecture	4	F	05:00PM-07:00PM	REG-MEET	J Vela	03/01 - 06/11/21
		Lab		F	02:00PM-05:00PM	IT-124	C Keissieh	03/01 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
MAN-73		Electric Motors and Transformers						
Prerequisite: None Description: Enables electricians to understand and effectively wire most standard DC motors, servos and steppers, as well as many AC motors, including single and poly-phase units, from fractional horsepower to multi-horsepower, industrial giants. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
32538	MAN-73	Lecture	4			ON-LINE	J Vela	02/16 - 06/11/21
		Lab		MW	07:35PM-09:00PM	IT-124		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework. Due to the ongoing health crisis, lab time on campus will be reduced and conducted in smaller groups, supplemented with online lab activities and a fully online lecture. Your faculty will have full details on the first day on Canvas. Masks are required.								

MAN-74		Industrial Wiring and Controls (same As EIC/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)								
32539	MAN-74	Lecture	4	MW	02:30PM-03:55PM	REG-MEET	G Graham	02/16 - 06/11/21
		Lab		MW	04:05PM-05:30PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

MAN-77		Electrical Theory for Electricians						
(Same as ELC/ELE-77) Prerequisite: None Description: An introduction to electrical theory, Ohm's Law, magnetism, electromagnetism, voltage, resistance, current, inductance, capacitance, reactance, impedance, Watts, Volt-Amps, VARs, current control devices, sensors and actuators phase angle, power-factor, transformers, motors, power distribution systems, and proper usage of electrical test equipment (meters). Student will learn concepts of electrical power, energy, Kirchhoff's Laws, along with basic math to solve fundamental electrical problems for both alternating current (A.C.) and direct current (D.C.) circuits. Student will learn basic electrical safety procedures, including the proper use and requirements for personal protective equipment (PPE). 36 hours lecture, 54 hours lab. ( same as ELC/ELE-77)								
32540	MAN-77	Lecture	3	TTh	09:30AM-10:20AM	REG-MEET	G Graham	02/16 - 06/11/21
		Lab		TTh	10:35AM-12:00PM	REG-MEET		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## MARKETING

MKT-20		Principles of Marketing						
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.(Letter grade)								
32634	MKT-20	Lecture	3			ON-LINE	E Doucette	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note start and end dates.								

## MATHEMATICS

MAT-1A		Calculus I						
Prerequisite: MAT-10 or MAT-23 or qualifying placement level. Description: Functions, limits, continuity, techniques and applications of differentiation, the Fundamental Theorem of Calculus, and basic integration. 72 hours lecture and 18 hours laboratory. (Letter Grade or Pass/No Pass option)								
33022	MAT-1A	Lecture	4			ON-LINE	B Johnson	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33023	MAT-1A	Lecture	4			ON-LINE	J Frewing	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33024	MAT-1A	Lecture	4			ON-LINE	J Frewing	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33025	MAT-1A	Lecture	4			ON-LINE	J Frewing	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

MAT-1B		Calculus II						
Prerequisite: MAT-1A Description: Techniques of integration, applications of integration, improper integrals, parametric equations, polar coordinates, infinite sequences and series. 72 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
33026	MAT-1B	Lecture	4			ON-LINE	E Chung	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33027	MAT-1B	Lecture	4	TTh	09:00AM-11:00AM	REG-MEET	B Lopez Segoviano	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33028	MAT-1B	Lecture	4	TTh	03:00PM-05:00PM	REG-MEET	B Lopez Segoviano	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33029	MAT-1B	Lecture Lab	4			ON-LINE ON-LINE	J Mulari R Delgado	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33030	MAT-1B	Lecture Lab	4	TTh	03:00PM-05:00PM	REG-MEET ON-LINE	J Burke	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
33032	MAT-1B	Lecture Lab	4	MTW	07:15AM-08:30AM	REG-MEET ON-LINE	P Ramirez	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
33125	MAT-1B	Lecture Lab	4	TTh	03:00PM-05:00PM	REG-MEET ON-LINE	J Burke	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to Corona High School students participating in Norco College's Dual Enrollment Program.								
<b>MAT-1C</b> <b>Calculus III</b> 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. 18 hours lab.								
33033	MAT-1C	Lecture Lab	4			ON-LINE ON-LINE	J Mulari	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33034	MAT-1C	Lecture Lab	4			ON-LINE ON-LINE	J Mulari	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MAT-2</b> <b>Differential Equations</b> 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.)								
33035	MAT-2	Lecture	4			ON-LINE	S Borissova	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33036	MAT-2	Lecture	4			ON-LINE	S Borissova	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33037	MAT-2	Lecture	4			ON-LINE	S Borissova	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MAT-3</b> <b>Linear Algebra</b> Prerequisite: MAT-1B Description: 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 transformations 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.)								
33041	MAT-3	Lecture	3			ON-LINE	J Mulari	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33042	MAT-3	Lecture	3			ON-LINE	J Mulari	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MAT-5</b> <b>Calculus for Business and Life Science</b> 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.)								
33043	MAT-5	Lecture	4			ON-LINE	S Park	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33044	MAT-5	Lecture	4			ON-LINE	S Park	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33045	MAT-5	Lecture	4			ON-LINE	S Park	02/16 - 06/11/21
Enrollment in the above class requires first enrolling in MAT-105-33011. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MAT-10</b> <b>Precalculus</b> Prerequisite: MAT-36 or qualifying placement level Description: Preparation for calculus: Polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates, sequences, and series. Students cannot receive credit for MAT 10 if they have already received credit for MAT 23. 90 hours lecture. (Letter Grade or Pass/No Pass option)								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33006	MAT-10	Lecture	5			ON-LINE	J DeGuzman	02/16 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
33007	MAT-10	Lecture	5			ON-LINE	J DeGuzman	02/16 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
33008	MAT-10	Lecture	5			ON-LINE	J DeGuzman	02/16 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
33009	MAT-10	Lecture	5			ON-LINE	J Warsinski	02/16 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
<b>MAT-11 College Algebra</b>								
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)								
32547	MAT-11	Lecture	4			ON-LINE	A Walid	02/16 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32548	MAT-11	Lecture	4	MW	10:30AM-11:30AM	REG-MEET	E Hwang	02/16 - 06/11/21
		REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
<b>MAT-12 Statistics</b>								
Prerequisite: MAT-35 or MAT-37 or MAT-43 or qualifying placement level. Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)								
32556	MAT-12	Lecture	4	TTh	10:30AM-11:30AM	OCC-MEET	A Robles	02/16 - 06/11/21
		OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32557	MAT-12	Lecture	4			ON-LINE	B Johnson	02/16 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32558	MAT-12	Lecture	4			ON-LINE	B Johnson	02/16 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32559	MAT-12	Lecture	4			ON-LINE	B Johnson	02/16 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32560	MAT-12	Lecture	4	W	12:00PM-02:00PM	REG-MEET	C Hutchings	02/16 - 06/11/21
		REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32567	MAT-12	Lecture	4	TTh	09:00AM-10:00AM	OCC-MEET	A Robles	02/16 - 06/11/21
		OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32568	MAT-12	Lecture	4			ON-LINE	B Nguyen	02/16 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32569	MAT-12	Lecture	4			ON-LINE	Y Lam	02/16 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32573	MAT-12	Lecture	4	TTh	03:00PM-04:00PM	OCC-MEET	A Robles	02/16 - 06/11/21
		Enrollment in the above class requires first enrolling in MAT-112-33012. OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32574	MAT-12	Lecture	4	M	09:00AM-11:00AM	REG-MEET	K Baccari	02/16 - 06/11/21
		Enrollment in the above class requires first enrolling in MAT-112-33013. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32575	MAT-12	Lecture	4			ON-LINE	J Warsinski	02/16 - 06/11/21
		Enrollment in the above class requires first enrolling in MAT-112-33014. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32576	MAT-12	Lecture	4	Th	09:00AM-11:00AM	REG-MEET	C Hutchings	02/16 - 06/11/21
		Enrollment in the above class requires first enrolling in MAT-112-33015. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
32577	MAT-12	Lecture	4			ON-LINE	T Malouf	02/16 - 06/11/21
		Enrollment in the above class requires first enrolling in MAT-112-33016. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies						
32578	MAT-12	Lecture	4	TTh	06:00PM-07:30PM	REG-MEET	C Hutchings	02/16 - 06/11/21
		REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						
33346	MAT-12	Lecture	4			ON-LINE	K Gilman	04/19 - 06/11/21
		Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>MAT-12H Honors Statistics</b>								
Prerequisite: MAT-35 or MAT-37 or MAT-43 or qualifying placement level Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 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 MAT-12 and MAT-12H. 72 hours lecture. (Letter Grade or Pass / No Pass option.)								
33119	MAT-12H	Lecture	4	W	09:00AM-11:00AM	REG-MEET	C Hutchings	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MAT-25 Mathematics for the Liberal Arts Student</b>								
Prerequisite: MAT-35 or MAT-42 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, geometry, probability, statistics, and problem solving. You may cover 2 of the following topics: dimensional analysis, geometry, mathematics of different bases, or development of numerical systems from ancient cultures. 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.								
33120	MAT-25	Lecture	3	MW	09:00AM-10:00AM	REG-MEET	J Margo	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33121	MAT-25	Lecture	3			ON-LINE	O Olaluwoye	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33122	MAT-25	Lecture	3	TTh	03:00PM-04:00PM	REG-MEET	E Shonoda	02/16 - 06/11/21
Enrolling in the above course will require enrolling in MAT-125-33018. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MAT-35 Intermediate Algebra</b>								
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)								
32604	MAT-35	Lecture	5			ON-LINE	E Chung	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32606	MAT-35	Lecture	5			ON-LINE	E Chung	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32607	MAT-35	Lecture	5			ON-LINE	E Chung	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32608	MAT-35	Lecture	5			ON-LINE	J DeGuzman	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32609	MAT-35	Lecture	5			ON-LINE	J DeGuzman	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32610	MAT-35	Lecture	5			ON-LINE	B Johnson	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MAT-36 Trigonometry</b>								
Prerequisite: MAT-35 OR Appropriate placement. Description: The study of trigonometric functions, their inverses and their graphs; identities and proofs related to trigonometric expressions; solving trigonometric equations; solving right triangles; solving oblique triangles using the law of sines and cosines; polar coordinates; complex numbers; introduction to vectors and elements of geometry important to the foundation of trigonometry. 72 hours lecture. (Letter Grade or Pass/No Pass option)								
32613	MAT-36	Lecture	4	MW	09:00AM-11:00AM	REG-MEET	B Lopez Segoviano	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32614	MAT-36	Lecture	4	MW	12:00PM-02:00PM	REG-MEET	E Chung	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32615	MAT-36	Lecture	4			ON-LINE	B Lopez Segoviano	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32616	MAT-36	Lecture	4			ON-LINE	L Ting	02/16 - 06/11/21
Enrollment in the above class requires first enrolling in MAT-136-33021. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MAT-105 Corequisite Support for Math 5</b>								
Prerequisite: Appropriate Placement Corequisite: MAT-5 Description: A concurrent co-requisite course containing geometry and algebra concepts designed to support students in Calculus for Business and Life Science. Topics include a review of skills developed in geometry and intermediate algebra: area and volume, factoring, graphing, operations on rational and radical expressions, linear, exponential and logarithmic expressions and equations, functions including composition and inverses, and an in-depth focus on linear and quadratic functions. Topics are taught strategically throughout the semester to provide a "just in time" instruction of skills needed to master concepts in MAT 5 as they arise in that course. A diverse approach to problem solving processes and enhancement of study strategies will prepare the student for later university courses. 36 hours lecture. (Pass/No Pass.)								
33011	MAT-105	Lecture	2			ON-LINE	S Park	02/16 - 06/11/21
Enrollment in the above class requires first enrolling in MAT-5-33045. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MAT-112 Corequisite Support for Math 12</b>								
Prerequisite: Appropriate Placement Corequisite: MAT-12 Description: A concurrent corequisite course containing arithmetic and algebraic concepts designed to support students in Statistics. Topics include a review of skills developed in algebra: order of operations, scientific notation, conversion between fractions, decimals, and percents, solving linear								

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equations, and using the symbols, notation, and vocabulary of algebra. Topics are taught strategically throughout the semester to provide a "just in time" instruction of skills needed to master concepts in MAT-12 as they arise in that course. A diverse approach to problem solving processes and enhancement of study strategies will prepare the student for later university courses. 36 hours lecture. (Pass/No Pass)								
33012	MAT-112	Lecture	2	W	03:00PM-04:30PM	OCC-MEET	A Robles	02/16 - 06/11/21
Enrolling in the above course will require enrolling in MAT-12-32573. OCC Meet courses are online classes with occasional meetings during scheduled days and times. Students will occasionally attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33013	MAT-112	Lecture	2	W	09:00AM-10:30AM	REG-MEET	K Baccari	02/16 - 06/11/21
Enrollment in the above class requires first enrolling in MAT-12-32574. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33014	MAT-112	Lecture	2			ON-LINE	J Warsinski	02/16 - 06/11/21
Enrollment in the above class requires first enrolling in MAT-12-34010. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33015	MAT-112	Lecture	2	T	09:00AM-10:30AM	REG-MEET	C Hutchings	02/16 - 06/11/21
Enrollment in the above class requires first enrolling in MAT-12-32576. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33016	MAT-112	Lecture	2			ON-LINE	T Malouf	02/16 - 06/11/21
Enrollment in the above class requires first enrolling in MAT-12-32577. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

MAT-125	Corequisite Support for Mat-25					
Corequisite: MAT-25 Prerequisite: Appropriate Placement Description: A concurrent corequisite course containing algebra concepts designed to support the students taking MAT-25 (Mathematics for Liberal Arts Students). Topics include a review of skills from an elementary and intermediate algebra course: Rounding integer values, translating phrases into mathematical expressions, solving problems using percent and decimals, evaluating expressions containing exponents, solving linear equations, applying the four basic operations to real numbers, graphing and writing linear equations using slope and y-intercept, and simplifying expressions using order of operations. Topics are taught strategically throughout the semester to provide "just in time" instruction of skills needed to master concepts in MAT 25 as they arise in that course. A diverse approach to problem solving processes and enhancement of study strategies will prepare the student for later university courses. 36 hours lecture. (Pass/No pass)						
33018	MAT-125	Lecture	2	ON-LINE	E Shonoda	02/16 - 06/11/21
Enrollment in the above class requires first enrolling in MAT-25-32600. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						

MAT-136		Corequisite Support for Mat-36				
Prerequisite: Appropriate Placement Corequisite: MAT-36 Description: A concurrent corequisite course containing algebra concepts designed to support students in Trigonometry. Topics include a review of skills developed in intermediate algebra: factoring, graphing linear and quadratic functions, operations on rational and radical expressions, linear and quadratic expressions and equations, and an in-depth focus on operations on functions, including composition and inverses. Topics are taught strategically throughout the semester to provide a "just in time" instruction of skills needed to master concepts in MAT-36 as they arise in that course. A diverse approach to problem solving processes and enhancement of study strategies will prepare the student for later university courses. 36 hours lecture. (Pass/No Pass.)						
33021	MAT-136	Lecture	2		ON-LINE	L Ting 02/16 - 06/11/21
Enrolling in the above course will require enrolling in MAT-36-32616. Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.						

## MUSIC

MUS-3	Fundamentals of Music							
Prerequisite: None Advisory: MUS-32A or Concurrent enrollment in an appropriate level piano class. Description: Through guided music notation and analysis, Fundamentals of Music incorporates the following concepts: Rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; diatonic chords; basic cadential formulas and phrase structure; dominant seventh; figured bass symbols; and non-harmonic tones. Development of skills in handwritten notation is expected. Laboratory includes sight singing and ear training activities that incorporate melodic, harmonic, and rhythmic dictation. Keyboard activities require the playing of major and minor scales, modes, triads, and seventh chords. 54 hours lecture and 54 hours laboratory. (TBA option)								
32646	MUS-3	Lecture	4	TTh	09:00AM-10:00AM	REG-MEET	Z Shehata	02/16 - 06/11/21
		Lab		TTh	10:00AM-11:00AM	REG-MEET		02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

MUS-4	Music Theory I						
Prerequisite: MUS-3 or the equivalent Advisory: MUS-32B or Concurrent enrollment in an appropriate level piano class. Description: Through guided composition and analysis, Music Theory I incorporates the following concepts: Rhythm and meter; basic properties of sound; intervals; diatonic scales, triads, and seventh chords; basic cadential formulas and phrase structures; figured bass; non-harmonic tones; first-species counterpoint; and voice leading involving 4-part chorale writing. Development of skills in handwritten music notation is expected. Laboratory includes sight singing and ear training activities that incorporate melodic, harmonic, and rhythmic dictation. Keyboard activities require the playing of chord progressions, modes, and scales in all major and minor keys. 54 hours lecture and 54 hours laboratory. (TBA option)							
32658	MUS-4	Lecture	4	MF	08:00AM-09:00AM	K Kamerin	02/16 - 06/11/21
		Lab		W	08:00AM-11:10AM ST-111		02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework. REG Meet courses are online classes with regular weekly meeting during scheduled days and times.							

MUS-6	Music Theory III							
Prerequisite: MUS-5 or the equivalent Advisory: MUS-32D or Concurrent enrollment in an appropriate level piano class. Description: Continued study and application of techniques acquired during Music Theory II. In addition, through writing and analysis, Music Theory III includes Common Practice period and 20th Century techniques such as: Borrowed chords and modal mixture; chromatic mediants; Neapolitan and augmented sixth chords; 9th, 11th and 13th chords; extended tertian harmony; polyharmony; quartal and secundal harmony; pandiatonicism; serialism; and aleatoric music. Laboratory includes post-Romantic and post-tonal sight singing and ear training activities that incorporate melodic, harmonic and rhythmic dictation. Keyboard activities require the playing of post-Romantic and post-tonal materials. 54 hours lecture and 54 hours laboratory. (TBA option)								
32661	MUS-6	Lecture	4	MF	09:00AM-10:00AM	REG-MEET	K Kamerin	02/16 - 06/11/21
		Lab		W	08:00AM-11:10AM			02/16 - 06/11/21
Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework. REG Meet courses are online classes with regular weekly meeting during scheduled days and times								

MUS-19	Music Appreciation
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. (Letter grade)	

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32635	MUS-19	Lecture	3			ON-LINE	S Son	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32636	MUS-19	Lecture	3			ON-LINE	E Holt	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32638	MUS-19	Lecture	3			ON-LINE	I Zubizarreta	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32639	MUS-19	Lecture	3			ON-LINE	M Hawkes	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.								
32640	MUS-19	Lecture	3			ON-LINE	N Estes	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program. The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.								
32641	MUS-19	Lecture	3			ON-LINE	E Kim	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.								
<b>MUS-19H Honors Music Appreciation</b>								
Prerequisite: None Limitation on enrollment: Enrollment in the Honors program Description: A broad survey of music in the Western world, including terminology for describing musical elements, forms, and styles. This Honors course is 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. It 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 MUS-19 and MUS-19H. 54 hours lecture. (Letter grade)								
33265	MUS-19H	Lecture	3	Th	02:00PM-03:30PM	REG-MEET	S Son	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MUS-23 History of Rock and Roll</b>								
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.								
32642	MUS-23	Lecture	3			ON-LINE	N Pirozzi	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MUS-25 Jazz Appreciation</b>								
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. (Letter Grade)								
33060	MUS-25	Lecture	3			ON-LINE	T Walton	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MUS-38 Beginning Applied Music I</b>								
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. Course includes individual lessons, supervised practice, individual performance, and jury evaluations. Not designed for beginning students. May be taken a total of four times. 108 hours laboratory. (TBA option)								
32656	MUS-38	Lecture	2				K Kamerin	02/16 - 06/11/21
This course offers (12) 45-minute private lessons in voice, piano, guitar, bass, or drums. An audition is required. Add codes for the class will be distributed after auditions are complete. There is a mandatory meeting on Thursday, February 18th, 1:00 pm - 1:45 pm on Zoom for information and audition sign-ups. (Zoom link: <a href="https://cccconfer.zoom.us/j/97360284135">https://cccconfer.zoom.us/j/97360284135</a> ). If you cannot come to the meeting, you must contact Professor Kamerin ( <a href="mailto:kim.kamerin@norcocollege.edu">kim.kamerin@norcocollege.edu</a> ) on or before Tuesday, February 23rd, to schedule an audition. Instructors will arrange lesson times after the audition process. In addition to 6 hours of concert attendance with reports, students must practice 7 hours per week and maintain accurate practice logs. This course includes required recitals during the semester and a juried performance examination at the end of the term. For more information, contact Kim Kamerin at <a href="mailto:kim.kamerin@norcocollege.edu">kim.kamerin@norcocollege.edu</a> , 951-268-0446 (Google Voice), or 951-738-7703 (Office).								
<b>MUS-39 Applied Music I</b>								
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.								
32657	MUS-39	Lecture	3				K Kamerin	02/16 - 06/11/21
This course offers (12) 60-minute private lessons in voice, piano, guitar, bass, or drums. An audition is required and students must participate in an ensemble to take this class. Add codes for the class will be distributed after auditions are complete. There is a mandatory meeting on Thursday, February 18th, 1:00 pm - 1:45 pm on Zoom for information and audition sign-ups. (Zoom link: <a href="https://cccconfer.zoom.us/j/97360284135">https://cccconfer.zoom.us/j/97360284135</a> ). If you cannot come to the meeting, you must contact Professor Kamerin ( <a href="mailto:kim.kamerin@norcocollege.edu">kim.kamerin@norcocollege.edu</a> ) on or before Tuesday, February 23rd, to schedule an audition. Instructors will arrange lesson times after the audition process. In addition to 6 hours of concert attendance with reports, students must practice 10 # hours per week and maintain accurate practice logs. This course includes required recitals during the semester and a juried performance examination at the end of the term. For more information, contact Kim Kamerin at <a href="mailto:kim.kamerin@norcocollege.edu">kim.kamerin@norcocollege.edu</a> , 951-268-0446 (Google Voice), or 951-738-7703 (Office).								
<b>MUS-41 Chamber Singers</b>								
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)								
32659	MUS-41	Lecture	2	MWF	11:15AM-12:35PM	CSS-217	K Kamerin	02/16 - 06/11/21
Face to Face classes are in person and on-campus classes with weekly scheduled meeting days and times. Students will complete the semester on campus unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled.								
<b>MUS-78 Beginning Applied Music II</b>								
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)								

**\* MOST 21SPR CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \***  
**\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \***

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
32664	MUS-78	Lecture	2				K Kamerin	02/16 - 06/11/21
This course offers (12) 45-minute private lessons in voice, piano, guitar, bass, or drums. An audition is required. Add codes for the class will be distributed after auditions are complete. There is a mandatory meeting on Thursday, February 18th, 1:00 pm - 1:45 pm on Zoom for information and audition sign-ups. (Zoom link: <a href="https://cccconfer.zoom.us/j/97360284135">https://cccconfer.zoom.us/j/97360284135</a> ). If you cannot come to the meeting, you must contact Professor Kamerin ( <a href="mailto:kim.kamerin@norccollege.edu">kim.kamerin@norccollege.edu</a> ) on or before Tuesday, February 23rd, to schedule an audition. Instructors will arrange lesson times after the audition process. In addition to 6 hours of concert attendance with reports, students must practice 7 hours per week and maintain accurate practice logs. This course includes required recitals during the semester and a juried performance examination at the end of the term. For more information, contact Kim Kamerin at <a href="mailto:kim.kamerin@norccollege.edu">kim.kamerin@norccollege.edu</a> , 951-268-0446 (Google Voice), or 951-738-7703 (Office).								
MUS-79	Applied Music II							
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.								
32665	MUS-79	Lecture	3				K Kamerin	02/16 - 06/11/21
This course offers (12) 60-minute private lessons in voice, piano, guitar, bass, or drums. An audition is required and students must participate in an ensemble to take this class. Add codes for the class will be distributed after auditions are complete. There is a mandatory meeting on Thursday, February 18th, 1:00 pm - 1:45 pm on Zoom for information and audition sign-ups. (Zoom link: <a href="https://cccconfer.zoom.us/j/97360284135">https://cccconfer.zoom.us/j/97360284135</a> ). If you cannot come to the meeting, you must contact Professor Kamerin ( <a href="mailto:kim.kamerin@norccollege.edu">kim.kamerin@norccollege.edu</a> ) on or before Tuesday, February 23rd, to schedule an audition. Instructors will arrange lesson times after the audition process. In addition to 6 hours of concert attendance with reports, students must practice 10 # hours per week and maintain accurate practice logs. This course includes required recitals during the semester and a juried performance examination at the end of the term. For more information, contact Kim Kamerin at <a href="mailto:kim.kamerin@norccollege.edu">kim.kamerin@norccollege.edu</a> , 951-268-0446 (Google Voice), or 951-738-7703 (Office).								
MUS-81	Consort Singers							
Prerequisite: None Limitation on enrollment (e.g. Performance tryout or audition): Audition on or before the first class meeting. Description: Study, rehearsal, and public performance of literature written for vocal ensemble, with an emphasis on the development of skills needed to be a professional musician and section leader 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)								
32666	MUS-81	Lecture	2	MWF	11:15AM-12:35PM	CSS-217	K Kamerin	02/16 - 06/11/21
Face to Face classes are in person and on-campus classes with weekly scheduled meeting days and times. Students will complete the semester on campus unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled.								
MUS-89	Music of Multicultural America							
Prerequisite: None. Description: A comparative and integrative study of the multicultural musical styles of the United States.								
33061	MUS-89	Lecture	3			ON-LINE	I Zubizarreta	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
MUS-93	The Business of Music							
Prerequisite: None. Description: An overview of the business side of performing, recording and publishing music.								
33063	MUS-93	Lecture	3	Th	04:00PM-05:00PM	REG-MEET	S Orozco	02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>MUSIC INDUSTRY STUDIES</b>								
MIS-1A	Beginning Performance Techniques For Studio Recording							
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.								
33050	MIS-1A	Lecture	2	F	01:00PM-05:00PM	THTR-204		02/16 - 06/11/21
		Lab		W	01:00PM-03:00PM	THTR-204	B Kerr	02/16 - 06/11/21
Face to Face classes are in person and on-campus classes with weekly scheduled meeting days and times. Students will complete the semester on campus unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled.								
MIS-1B	Intermediate Performance Techniques For Studio Recording							
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.								
33052	MIS-1B	Lecture	2	F	01:00PM-05:00PM	THTR-204		02/16 - 06/11/21
		Lab		W	01:00PM-03:00PM	THTR-204	B Kerr	02/16 - 06/11/21
Face to Face classes are in person and on-campus classes with weekly scheduled meeting days and times. Students will complete the semester on campus unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled.								
MIS-1C	Advanced Performance Techniques For Studio Recording							
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.								
33054	MIS-1C	Lecture	2	F	01:00PM-05:00PM	THTR-204		02/16 - 06/11/21
		Lab		W	01:00PM-03:00PM	THTR-204	B Kerr	02/16 - 06/11/21
Face to Face classes are in person and on-campus classes with weekly scheduled meeting days and times. Students will complete the semester on campus unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled.								
MIS-2	Songwriting							
Prerequisite: MUS-3 Description: Introduction to popular songwriting techniques. Topics covered include chord structure, form, rhythm, melody, harmony, lyrics, chord progressions, preparing lead sheets and arranging. This course is ideal for vocalists and instrumentalists. 18 hours lecture and 54 hours laboratory.								
33056	MIS-2	Lecture	2	M	01:00PM-03:00PM	REG-MEET	B Kerr	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
MIS-3	Digital Audio Production 1							
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.								



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33057	MIS-3	Lecture Lab	4			ON-LINE	B Kerr	02/16 - 06/11/21
				MW	03:05PM-04:30PM	IT-106		02/16 - 06/11/21

Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.

MIS-12		Live Sound Reinforcement						
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.								
33286	MIS-12	Lecture Lab	3			ON-LINE	A Eastwood	02/16 - 04/09/21
				TTh	09:30AM-12:40PM	THTR-204		02/16 - 04/09/21

Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.

MIS-13		Recording Studio Workshop I						
Prerequisite: MIS-3 and MIS-12 Description: This applied workshop course is a survey of the fundamental principles and practices of audio recording. Topics include sound and hearing, acoustics, the components of various recording systems and signal flow. It provides practical experience with audio hardware, software and recording techniques. Students will engage in digital audio workstation set up (DAWs) and operation, and will run studio and live sessions from set up to tear down. 36 hours lecture and 54 hours laboratory.								
33049	MIS-13	Lecture Lab	3			ON-LINE	B Kerr	04/19 - 06/11/21
				TTh	09:30AM-12:40PM	IT-106		04/19 - 06/11/21

Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.

## PHILOSOPHY

PHI-10		Introduction to Philosophy						
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.								
32671	PHI-10	Lecture	3			ON-LINE	J Sentmanat	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32672	PHI-10	Lecture	3	MW	10:30AM-11:55AM	REG-MEET	J Sentmanat	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32673	PHI-10	Lecture	3			ON-LINE	M Murphey	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32675	PHI-10	Lecture	3			ON-LINE	J Sentmanat	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PHI-11		Critical Thinking						
Prerequisite: None Advisory: REA-82 Description: Presents critical thinking as a skill to be used for better understanding, evaluating, and constructing arguments. Focus 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.								
32677	PHI-11	Lecture	3	MW	09:00AM-10:25AM	REG-MEET	J Gill	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32678	PHI-11	Lecture	3			ON-LINE	J Gill	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PHI-12		Introduction to Ethics						
Prerequisite: None Description: A survey of the three major subcategories of ethical theory: metaethics, normative ethics and applied ethics. 54 hours lecture.								
32679	PHI-12	Lecture	3	TTh	09:00AM-10:25AM	REG-MEET	J Sentmanat	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PHI-33		Introduction to Social and Political Philosophy						
Prerequisite: None Advisory: PHI-10 or PHI-11 Description: An introduction to issues in social and political philosophy. Discusses both the development of political philosophy in response to varying historical problems and the application of political philosophy to contemporary issues; topics studied include ancient Greek, social contract, communism, and modern political philosophy. 54 hours lecture.								
33065	PHI-33	Lecture	3	TTh	11:00AM-12:25PM	REG-MEET	J Sentmanat	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## PHOTOGRAPHY

PHO-20		Introduction to Digital Photography						
Prerequisite: None Description: Theory and practice in the basic techniques of producing digital photographs with technical and artistic merit. Acquire competency in the use of cameras with an emphasis on understanding the relationship of shutter, aperture and focal length. Software utilized may include Adobe Photoshop, Adobe Lightroom and others. Students are required to supply their own digital single lens reflex (SLR) camera with manual controls. 36 hours lecture and 54 hours laboratory.								
32681	PHO-20	Lecture Lab	3	W	09:00AM-10:00AM	REG-MEET	B May	02/16 - 06/11/21
						ON-LINE		02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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## PHYSICAL SCIENCE

PHS-1 Introduction to Physical Science

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.

33066	PHS-1	Lecture	3	TTh	09:00AM-10:25AM	REG-MEET	D Bouzidi	02/16 - 06/11/21
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REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

## PHYSICS

PHY-2A General Physics I

Prerequisite: None Corequisite: MAT-1A Description: Meets the requirements for students majoring in biological science, including pre-medical and pre-dental students. This course examines: properties of matter; study of kinematics and mechanics, including Newtons laws, energy, momentum, and rotational motion; fluid mechanics; gravitation; study of oscillatory motion; study of wave motion, including sound waves. 54 hours lecture and 54 hours laboratory. (Letter grade)

33070	PHY-2A	Lecture	4	MW	09:00AM-10:25AM	REG-MEET	O Tripathi	02/16 - 06/11/21
		Lab		Th	11:30AM-02:40PM	REG-MEET	F Motta	02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 04/19/21 9:00AM-11:30AM or 04/21/21 9:00AM-11:30AM and 06/07/21 9:00AM-1:30PM or 06/09/21 9:00AM-1:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.

33311	PHY-2A	Lecture	4	MW	06:00PM-07:25PM	REG-MEET	J Spalding	02/16 - 06/11/21
		Lab		Th	06:00PM-09:10PM	REG-MEET		02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

33345	PHY-2A	Lecture	4	MW	04:00PM-05:25PM	REG-MEET	J Spalding	03/29 - 06/11/21
		Lab		Th	06:00PM-09:10PM	REG-MEET	D Seidel	03/29 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

PHY-4A Mechanics

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. (Letter grade)

33071	PHY-4A	Lecture	4	TTh	03:00PM-04:10PM	REG-MEET	F Motta	02/16 - 06/11/21
		Lab		T	06:00PM-09:10PM	REG-MEET		02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 04/20/21 3:00PM-5:30PM or 04/22/21 3:00PM-5:30PM and 06/08/21 3:00PM-7:30PM or 6/10/21 3:00PM-7:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.

33072	PHY-4A	Lecture	4	MW	09:00AM-10:25AM	REG-MEET	D Seidel	02/16 - 06/11/21
		Lab		W	11:30AM-02:40PM	REG-MEET		02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 04/19/21 1:00PM-3:30PM or 04/21/21 1:00PM-3:30PM and 06/07/21 9:00AM-1:30PM or 06/09/21 9:00AM-1:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.

33073	PHY-4A	Lecture	4	MW	12:00PM-01:15PM	REG-MEET	O Tripathi	02/16 - 06/11/21
		Lab		W	02:00PM-05:10PM	REG-MEET		02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 04/19/21 5:00PM-7:30PM or 04/21/21 5:00PM-7:30PM and 06/07/21 2:30PM-7:30PM or 06/09/21 2:30PM-7:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.

33074	PHY-4A	Lecture	4			ON-LINE	A Roy	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person final exams on the Norco College campus scheduled on: 6/7/21 9:00AM-1:30PM or 6/9/21 9:00AM-1:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.

33174	PHY-4A	Lecture	4			ON-LINE	A Roy	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person final exams on the Norco College campus scheduled on: 6/8/21 9:00AM-1:30PM or 6/10/21 9:00AM-1:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.

PHY-4B Electricity and Magnetism

Prerequisite: PHY-4A Corequisite: MAT-1B Description: Study of electric fields, voltage, current, magnetic fields, electromagnetic induction, alternating currents and electromagnetic waves. 54 hours lecture and 54 hours laboratory. (Letter grade)

33075	PHY-4B	Lecture	4	MW	12:00PM-01:15PM	REG-MEET	D Bouzidi	02/16 - 06/11/21
		Lab		W	02:00PM-05:10PM	REG-MEET		02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 04/19/21 1:00PM-3:30PM or 04/21/21 1:00PM-3:30PM and 06/07/21 2:30PM-7:30PM or 06/09/21 2:30PM-7:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.

33076	PHY-4B	Lecture	4			ON-LINE	A Roy	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person final exams on the Norco College campus scheduled on: 6/8/21 2:30PM-7:00PM or 6/10/21 2:30PM-7:00PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.

**\* MOST 21SPR CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \***  
**\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \***

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33332	PHY-4B	Lecture Lab	4	TTh Th	10:30AM-11:55AM 05:00PM-08:10PM	REG-MEET REG-MEET	D Bouzidi	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 04/20/21 11:30AM-1:00PM or 04/22/21 11:30AM -1:00PM and 06/08/21 9:00AM-11:30AM or 06/10/21 9:00AM -11:30AM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
<b>PHY-4C Heat, Light and Waves</b> 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; introduction to special relativity and modern physics. 54 hours lecture and 54 hours laboratory. (Lette grade)								
33194	PHY-4C	Lecture Lab	4			ON-LINE ON-LINE	A Roy	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person final exams on the Norco College campus scheduled on: 6/7/21 3:00PM-7:30PM or 6/9/21 3:00PM-7:30PM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
33310	PHY-4C	Lecture Lab	4	MW M	09:00AM-10:25AM 02:00PM-05:10PM	REG-MEET REG-MEET	D Bouzidi	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This class requires in-person exams on the Norco College campus scheduled on: 04/19/21 9:00AM-10:30AM or 04/21/21 9:00AM-10:30 and 06/07/21 9:00AM-11:30AM or 06/9/21 9:00AM-11:30AM. Masks and social distancing practices must be observed. Your instructor will provide further details in the course syllabus.								
<b>PHY-10 Introduction to General Physics</b> 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.								
33169	PHY-10	Lecture	3	TTh	03:00PM-04:25PM	REG-MEET	D Bouzidi	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## POLITICAL SCIENCE

<b>POL-1 American Politics</b> 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.								
32693	POL-1	Lecture	3			ON-LINE	J Hunt	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32694	POL-1	Lecture	3			ON-LINE	J Hunt	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								
32695	POL-1	Lecture	3			ON-LINE	S Popiden	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32696	POL-1	Lecture	3			ON-LINE	S Popiden	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32697	POL-1	Lecture	3			ON-LINE	S Popiden	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32698	POL-1	Lecture	3			ON-LINE	R Brown	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32700	POL-1	Lecture	3			ON-LINE	R Brown	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32702	POL-1	Lecture	3			ON-LINE	E Walker	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32703	POL-1	Lecture	3			ON-LINE	C Moffatt	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32705	POL-1	Lecture	3			ON-LINE	J Buckner	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32706	POL-1	Lecture	3			ON-LINE	R Khoury	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33111	POL-1	Lecture	3			ON-LINE	S Popiden	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33115	POL-1	Lecture	3			ON-LINE	J Hunt	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a web-enhanced class, designed with special emphasis on African American culture. See the Umoja counselor (sean.davis@norcocollege.edu) prior to enrolling.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33116	POL-1	Lecture	3			ON-LINE	J Hunt	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section will focus on the Chicano experience and is designed for students in the Puente Program. See the instructor and a counselor before enrolling.								
33297	POL-1	Lecture	3			ON-LINE	J Hunt	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is designed with special emphasis on the Men of Color experience. Contact the Men of Color Counselor (Daniel.grajeda@rccd.edu) prior to enrolling.								

**POL-1H Honors American Politics**

Prerequisite: None Advisory: Enrollment in the Honors Program Description: An introduction to the principles, institutions and critical issues of American politics, with emphasis placed on the national government. Specifically, the course offers an enhanced exploration of the philosophic and ideological sources of the American political system and its political culture, political parties and electoral system as well as political interest groups, mass movements, public policy, the media, the judicial system, and California state and local government. The honors course offers an enriched educational experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher-order critical thinking skills. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture. (Letter grade)

33284	POL-1H	Lecture	3			ON-LINE	S Popiden	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

**POL-2 Comparative Politics**

Prerequisite: None Advisory: REA-83 and Qualification of English 1A Description: A comparative study of selected European, Asian, African, Latin American, and Middle Eastern political systems. Concerned with broadening and deepening the students understanding of the nature and variety of political systems. Course topics will include a study of institutions, issues, and policies of various countries. Students may not receive credit for both POL-2 and POL-2H. 54 hours lecture.

32710	POL-2	Lecture	3			ON-LINE	C Jun	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

**POL-11 Political Theory**

Prerequisite: None Advisory: REA-83 and qualification for English 1A Description: This course will examine the major contributions of political thinkers from Socrates to the present. Political concepts such as democracy, the rule of law, justice, natural rights, sovereignty, citizenship, power, the state, revolution, liberty, reason, materialism, toleration, and the place of religion in society and politics are traced from their origins, through their development and changing patterns, to show how they influence political thinking and institutions today. 54 hours lecture.

32708	POL-11	Lecture	3			ON-LINE	E Walker	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

**PSYCHOLOGY**

**PSY-1 General Psychology**

Prerequisite: None. Description: Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.

32711	PSY-1	Lecture	3			ON-LINE	A Deane	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								

32712	PSY-1	Lecture	3			ON-LINE	N Jimenez Hernandez	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								

32713	PSY-1	Lecture	3			ON-LINE	N Jimenez Hernandez	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								

32714	PSY-1	Lecture	3			ON-LINE	J Heumann	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.								

32715	PSY-1	Lecture	3			ON-LINE	R Sulman	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

32718	PSY-1	Lecture	3			ON-LINE	B Adams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

32719	PSY-1	Lecture	3			ON-LINE	A Deane	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

32720	PSY-1	Lecture	3			ON-LINE	A Deane	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

33157	PSY-1	Lecture	3			ON-LINE	R Sulman	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								

**PSY-1H Honors General Psychology**

Prerequisite: None. Limitation on enrollment: Enrollment in the Honors Program. Description: Historical and philosophical antecedents of contemporary psychology; the scientific study of behavior and mental processes as systemized in learning, motivation, emotion, personality, intelligence, and thought. 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 PSY-1 and PSY-1H. 54 hours lecture. (Letter grade only)

33077	PSY-1H	Lecture	3			ON-LINE	J Heumann	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

**PSY-2 Biological Psychology**

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,



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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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.								
32724	PSY-2	Lecture	3			ON-LINE	L Adams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32725	PSY-2	Lecture	3			ON-LINE	L Adams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32726	PSY-2	Lecture	3			ON-LINE	L Adams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>PSY-8 Introduction to Social Psychology</b>								
Prerequisite: None. Description: The study of individual human behavior in relation to the social environment.								
33081	PSY-8	Lecture	3			ON-LINE	L Adams	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>PSY-9 Developmental Psychology</b>								
Prerequisite: None. Description: Examines the prevailing theories and research of developmental psychology and the stages of human development from conception to death.								
32736	PSY-9	Lecture	3			ON-LINE	K Zamiska	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
32738	PSY-9	Lecture	3			ON-LINE	V Agars	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
32739	PSY-9	Lecture	3			ON-LINE	V Agars	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
32740	PSY-9	Lecture	3			ON-LINE	N Jimenez Hernandez	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32741	PSY-9	Lecture	3			ON-LINE	J Hicks	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32744	PSY-9	Lecture	3			ON-LINE	W Holmquist	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32745	PSY-9	Lecture	3			ON-LINE	G Curasi	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33161	PSY-9	Lecture	3			ON-LINE	G Curasi	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
33162	PSY-9	Lecture	3			ON-LINE	G Curasi	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
<b>PSY-33 Theories of Personality</b>								
Prerequisite: None. Description: A survey and assessment of the basic concepts, theories, science, and principles of the prevailing theories of personality.								
33220	PSY-33	Lecture	3			ON-LINE	J Trujillo	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>PSY-35 Abnormal Psychology</b>								
Prerequisite: None. Description: Survey of historical and contemporary approaches to diagnosing, understanding, and treating major forms of psychological disorder, including: anxieties, fears, obsessions, psychoses, sexual and personality disorders, disorders of childhood and adolescence. 54 hours lecture. (Letter grade only)								
32727	PSY-35	Lecture	3			ON-LINE	H Alvarado	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
32728	PSY-35	Lecture	3			ON-LINE	H Alvarado	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>PSY-48 Statistics for the Behavioral Sciences</b>								
Prerequisite: MAT-35, MAT-37 or MAT-42 or qualifying placement level Description: Introduction to basic statistical methods and analyses commonly used in behavioral science research. Topics cover both inferential and descriptive statistics including correlations, regression analysis, chi-squares, t-tests, analysis of variance, and an introduction to factorial designs. This course covers the logic of hypothesis testing and emphasizes conceptualization of material and interpreting findings for use in behavioral science research above computation. This course trains students to use a statistical software package used by behavioral science researchers and prepares them to proficiently consume published research in the behavioral sciences. 54 hours lecture.								
33078	PSY-48	Lecture	3			ON-LINE	N Jimenez Hernandez	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
33159	PSY-48	Lecture	3			ON-LINE	N Jimenez Hernandez	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
PSY-50		Research Methods in Psychology						
Prerequisite: PSY-1 and PSY-48 or MAT-12 or MAT-12H Description: 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.								
33079	PSY-50	Lecture	4			ON-LINE	K Zamiska	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33080	PSY-50	Lecture	4			ON-LINE	K Zamiska	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33160	PSY-50	Lecture	4			ON-LINE	K Zamiska	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33338	PSY-50	Lecture	4			ON-LINE	K Zamiska	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## READING ( ACADEMIC LITERACY )

REA-4		Critical Reading as Critical Thinking						
Prerequisite: None Description: 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.								
32746	REA-4	Lecture	3			ON-LINE	M Sloniger	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
33181	REA-4	Lecture	3			ON-LINE	M Sloniger	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

## REAL ESTATE

RLE-80		Real Estate Principles						
Prerequisite: None. Description: Comprehensive analysis of basic laws, principles,terminology and current practices of California real estate.								
32747	RLE-80	Lecture	3			ON-LINE	L Namazi	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
32748	RLE-80	Lecture	3			ON-LINE	L Namazi	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
RLE-81		Real Estate Practices						
Prerequisite: None Description: Covers basic laws and principles of California real estate, terminology and daily operations in a real estate brokerage. Includes listing, prospecting, conveyance, financing, sales techniques, escrow and ethics. Applies toward state's educational requirements for the brokers examination. 54 hours lecture.								
32750	RLE-81	Lecture	3			ON-LINE	J Gonzalez	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
RLE-82		Legal Aspects of Real Estate						
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.								
32751	RLE-82	Lecture	3			ON-LINE	J Alpay	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This is a short term class, please note start and end date.								
32752	RLE-82	Lecture	3			ON-LINE	J Alpay	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
RLE-83		Real Estate Finance						
Prerequisite: None Description: Analysis of real estate financing, including lending policies and problems in financing transactions in residential, apartment, commercial, and special purpose properties. Methods of financing properties emphasized. 54 hours lecture.								
32754	RLE-83	Lecture	3			ON-LINE	L Namazi	04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								
RLE-85		Real Estate Economics						
Prerequisite: None Description: Trends and factors affecting the value of real estate; the nature and classification of land economics; the development of property, construction and subdivision, economic values and real estate evaluation; real estate cycles and business fluctuations, residential market trends, real and special purpose property trends. 54 hours lecture.								
32755	RLE-85	Lecture	3			ON-LINE	C Pentis	02/16 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end date.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>SOCIOLOGY</b>								
SOC-1		Introduction to Sociology						
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								
32757	SOC-1	Lecture	3	Th	06:00PM-09:00PM	REG-MEET	J Hill	02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32758	SOC-1	Lecture	3			ON-LINE	J Hill	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32759	SOC-1	Lecture	3			ON-LINE	J Hill	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32760	SOC-1	Lecture	3			ON-LINE	J Hill	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32762	SOC-1	Lecture	3			ON-LINE	F Vu	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32763	SOC-1	Lecture	3			ON-LINE	M McKail	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32767	SOC-1	Lecture	3			ON-LINE	M Ysais	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
SOC-2		American Social Problems						
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. (Letter grade)								
32775	SOC-2	Lecture	3			ON-LINE	A Perry	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
SOC-3		Social Inequality						
Prerequisite: None Description: This course introduces students to the extent of inequality in its various forms in American society, the consequences of inequality for individual life chances and for society as a whole, the theoretical explanations given for the existence of inequality, and to the persistence of inequality and poverty. 54 hours lecture. (Letter grade only)								
32778	SOC-3	Lecture	3			ON-LINE	B Rodriguez	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
SOC-10		Race And Ethnic Relations						
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. Students may not receive credit for both SOC-10 and 10H. 54 hours lecture. (Letter grade only)								
33155	SOC-10	Lecture	3			ON-LINE	F Vu	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to the CNUSD High School students participating in Norco College's Dual Enrollment Program.								
33304	SOC-10	Lecture	3			ON-LINE	F Vu	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
SOC-12		Marriage and Family Relations						
Prerequisite: None Advisory: SOC-1 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 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. (Letter grade)								
32773	SOC-12	Lecture	3			ON-LINE	A Perry	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
SOC-15		Introduction to Women's Studies						
Prerequisite: None. Description: An introduction to the origins, purpose, subject matter, and methods of Women's Studies and to feminist perspectives on a range of social issues affecting women of diverse backgrounds. Study of gender and its intersections with race, class, sexuality, dis/ability, age, religion, and other systems of difference. 54 hours lecture.								
33148	SOC-15	Lecture	3			ON-LINE	M Ysais	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
SOC-20		Introduction to Criminology						
Prerequisite: None. Description:An introduction to the fundamentals of Criminology; including surveys of the theories of crime, statistical procedures and research methodology, types of crime, criminal etiology, the origins and features of criminal law, the police, courts, and corrections. An analysis of the interrelations between social organization, the perceptions of social harm, and the dynamics of social control. 54 hours lecture. (Letter grade only)								
32777	SOC-20	Lecture	3			ON-LINE	M McKail	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

**\* MOST 21SPR CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \***  
**\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \***

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>SPANISH</b>								
<b>SPA-1 Spanish 1</b>								
Prerequisite: NoneAdvisory: Completion of placement test to assess level of proficiency in Spanish. Description: Develops basic skills in listening, reading, speaking and writing. Emphasis on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. Includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)								
32779	SPA-1	Lecture Lab	5	TTh	09:00AM-10:30AM	REG-MEET ON-LINE	N Guillen	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32781	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	I Vejar	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32782	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	D Hitchcock	04/19 - 06/11/21 04/19 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32783	SPA-1	Lecture Lab	5	MW	11:00AM-12:00PM	REG-MEET ON-LINE	A Covarrubias	02/16 - 04/09/21 02/16 - 04/09/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								
32784	SPA-1	Lecture Lab	5	TTh	06:00PM-07:30PM	REG-MEET ON-LINE	A Vargas Barragan	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32785	SPA-1	Lecture Lab	5	MW	03:00PM-04:30PM	REG-MEET ON-LINE	A Lomeli Gomez	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32786	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	L Rosales	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>SPA-2 Spanish 2</b>								
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.)								
32787	SPA-2	Lecture Lab	5	TTh	02:00PM-03:30PM	REG-MEET ON-LINE	A Covarrubias	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
32788	SPA-2	Lecture Lab	5			ON-LINE ON-LINE	A Covarrubias	02/16 - 06/11/21 02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework								
<b>SPA-3 Spanish 3</b>								
Prerequisite: SPA-2 or SPA-2H or SPA-3 or SPA-3N, 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. 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.)								
32789	SPA-3	Lecture Lab	5	TTh	06:00PM-07:30PM	REG-MEET ON-LINE	D Hitchcock	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>SPA-4 Spanish 4</b>								
Prerequisite: SPA-3 or SPA-3N, qualifying placement level on the Spanish assessment test or the equivalent Description: Further development of intermediate skills in listening, reading, speaking and writing. A review of the vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written Spanish at the intermediate level. Enhancement of basic Spanish language skills through the reading of authentic literary and factual texts. 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.)								
32790	SPA-4	Lecture Lab	5	TTh	09:00AM-10:00AM	REG-MEET ON-LINE	D Hitchcock	02/16 - 06/11/21 02/16 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>SPA-8 Intermediate Conversation</b>								
Prerequisite: SPA-2 or SPA-2H or SPA-3 or SPA-3N or SPA-4 Description: Intermediate-level vocabulary building and improvement of speaking proficiency in the context of Hispanic culture, daily life, and topics of current interest. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
32791	SPA-8	Lecture	3	TTh	10:30AM-11:30AM	REG-MEET	D Hitchcock	04/19 - 06/11/21
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short-term class. Please note the start and end dates.								



**\* MOST 21SPR CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \***  
**\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \***

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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## THEATER ARTS

THE-3 Introduction to the Theater

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.

32792	THE-3	Lecture	3			ON-LINE	W Stevens	02/16 - 04/09/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.

32794	THE-3	Lecture	3			ON-LINE	W Stevens	04/19 - 06/11/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.

32795	THE-3	Lecture	3			ON-LINE	W Stevens	04/19 - 06/11/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. This section is a short term class. Please note the start and end dates.

## WORK EXPERIENCE

WKX-200 General Work Experience

Prerequisite: None Advisory: Students should have paid or voluntary employment Description: Work Experience is designed to coordinate the student's on-the-job training with workplace skills designed to assist the student in developing successful professional skills. Each student will establish measurable learning objectives appropriate for their job and discipline. Students may earn up to four (4) units each semester, for a maximum of 16 units of work experience total. 60 hours of volunteer work or 75 hours of paid work during the semester are required for each unit. No more than 20 hours per week, out of the 60 or 75 requirement, may be applied toward the work requirement. The course consists of an 18 hours of orientation/professional skills development and 60 hours of volunteer work experience per unit with a maximum of 240 for four units per semester OR 75 hours of paid work experience per unit, with a maximum of 300 for four units per semester. (Pass/No Pass or Letter Grade).

32797	WKX-200	Lecture	1			ON-LINE	E Doucette	02/16 - 06/11/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is an online class restricted to apprenticeship program students. Computer with Internet access required (see [www.opencampus.com](http://www.opencampus.com)). In addition to the online lecture, students are required to attend an on-campus orientation the first week of the semester. Enrolled students will be contacted to schedule the orientation before the start of the term. Students must also log hours at an approved worksite and attend one in-person meeting with the instructor.

## Non-Credit Classes

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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### ENGLISH AS A SECOND LANGUAGE

ESL-846 Beginning American College English

Prerequisite: None Advisory: Students should be aware that course is taught in English. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at beginning level to prepare students to enter ESL-847. Students will produce a minimum of 1,250 words of instructor-evaluated writing with an emphasis on academic paragraph writing in response to reading. 90 hours lecture. (Letter grade or Pass/No Pass Option)

33138	ESL-846	Lecture	0	TTh	06:30PM-08:30PM	REG-MEET	L Tougas	02/16 - 06/11/21
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REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

ESL-847 Low-Intermediate American College English

Prerequisite: ESL-846 or ESL-46 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at a low-intermediate level to prepare students to enter ESL 848. Students will produce a minimum of 2,250 words of instructor-evaluated writing with an emphasis on academic paragraph writing in response to reading. 90 hours lecture. (Letter grade or Pass/No Pass Option)

33140	ESL-847	Lecture	0	T	11:00AM-12:30PM	REG-MEET	M Shirinian	02/16 - 06/11/21
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REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

ESL-848 Intermediate American College English

Prerequisite: ESL-847 or ESL-47 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing reading, and oral language expression in academic American English language at an intermediate level to prepare students to enter ESL 49. Students will produce a minimum of 3,500 instructor-evaluated writing with an emphasis on basic essay writing in response to reading. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) Letter Grade.

33141	ESL-848	Lecture	0	MW	06:30PM-08:30PM	REG-MEET	D Tougas	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

ESL-849 High-Intermediate American College English

Prerequisite: ESL-48 or ESL-848 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at an intermediate level to prepare students to enter ESL 50. Students will produce a minimum of 6,000 words of instructor-evaluated writing with an emphasis on essay writing in response to reading. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) Letter Grade.

33142	ESL-849	Lecture	0	M	09:00AM-10:30AM	REG-MEET	M Shirinian	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

ESL-850 Advanced American College English

Prerequisite: ESL-49 or ESL-849 or qualifying placement Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at an advanced level to prepare students to enter English 1A. Students will produce a minimum of 7,000 words of instructor-evaluated writing with an emphasis on expository essay writing in response to advanced readings from various sources and a novel. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter grade only)

33143	ESL-850	Lecture	0	M	11:00AM-12:30PM	REG-MEET	M Shirinian	02/16 - 06/11/21
		Lab				ON-LINE		02/16 - 06/11/21

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

### ENTREPRENEURSHIP

ENP-801 Facebook for Business

Prerequisite: None Description: Facebook is the most popular social network and a powerful tool for growing and promoting your business. Create effective profiles, pages, groups, and ads. Establish goals and learn how and what to post to achieve them. Build relationships with current and new customers. Increase traffic to your website. Measure the success of your Facebook marketing. 10 hours lecture. (Pass/No Pass option only)

33312	ENP-801	Lecture	0			ON-LINE	R Wolfer	02/16 - 03/08/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

ENP-802 Pinterest and Instagram for Business

Prerequisite: None Description: Students learn to market and expand a brand using Pinterest and Instagram. Provides the basics and beyond of these platforms, including how to product high level content and effectively use the sites in a marketing strategy to develop a loyal, enthusiastic customer base for their brand. 10 hours lecture. (Pass/No Pass option only.)

33313	ENP-802	Lecture	0			ON-LINE	R Wolfer	03/08 - 03/29/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

ENP-803 Youtube for Business

Prerequisite: None Description: Students learn to use YouTube to broadcast user and business-generated videos. Topics include creating a custom channel and building a following by uploading and sharing videos that communicate a brand and engage an audience. Students learn to view, upload, and share videos; create playlists and optimize videos for search engines; and add annotations, notes, and links. Uploading and editing film for YouTube is also covered. 10 hours lecture. (Pass/No Pass only)

33314	ENP-803	Lecture	0			ON-LINE	R Wolfer	03/29 - 04/26/21
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

ENP-804 Twitter for Business

Prerequisite: None Description: Students learn to set up a Twitter Business presence to leverage the power of real-time marketing, optimize and manage an account, and find and follow influencers and leads. Includes engaging with prospects using tweets, RTs, DMs, follows, mentions, and hashtags. Students use tools to monitor feeds and schedule tweets, in addition to tracking the impact and measure the results of promoted tweets. 10 hours lecture. (Pass/No Pass only)

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33315	ENP-804	Lecture	0			ON-LINE	R Wolfer	04/26 - 05/17/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
ENP-805		LinkedIn for Business						
Prerequisite: None Description: LinkedIn is the world's most popular business-oriented social media networking platform. Students learn to use LinkedIn to develop business through relationship marketing. Topics include optimizing a company profile, developing content that engages a target audience, building a professional brand, marketing a company, showcasing credentials, getting business advice, reconnecting with former colleagues, and connecting with businesses around the globe. 10 hours lecture. (Pass/No Pass only)								
33316	ENP-805	Lecture	0			ON-LINE	R Wolfer	05/17 - 06/04/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>INTERDISCIPLINARY STUDIES</b>								
ILA-800		Supervised Tutoring						
Prerequisite: None Corequisite: Student must be enrolled in at least one other non-tutoring course. Description: This self-paced, open-entry/open-exit non-credit course provides supervised tutoring, assistance with study skills, and guidance in completing basic skills or college-level course assignments. Students receive individualized tutoring and/or small group instruction outside of class time in a discipline-specific lab. Designed to help students achieve outcomes related to specific courses and/or to improve learning and study skills in specific related subjects. Content varies according to the course for which tutoring is sought. Up to 216 hours laboratory. (TBA option) (Non-degree, non-credit course.)								
33308	ILA-800	Lecture	0			ON-LINE	M Sloniger	02/16 - 06/11/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
<b>PROFES. DEVELOPMENT STUDIES</b>								
PDS-801		Leadership Skills						
Prerequisite: None Description: Take your leadership from good to great by exploring and applying the top ten skills that every leader must have. 12 hours lecture. (Pass/No Pass only)								
33317	PDS-801	Lecture	0			ON-LINE	R Wolfer	02/16 - 03/15/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PDS-802		Supervisory Skills						
Prerequisite: None Description: Learn the key tools for effective management and supervision. Course covers delegation, feedback, communicating with employees, motivation, and management styles. 12 hours lecture. (Pass/No Pass only)								
33318	PDS-802	Lecture	0			ON-LINE	R Wolfer	03/11 - 04/10/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PDS-803		Increasing Productivity						
Prerequisite: None Description: Personal productivity results from a combination of factors which all impact each other. Explore, dissect and analyze these factors to develop an individualized plan optimizing your effectiveness in both your professional and personal lives. Focus on personal empowerment and growth while weaving neuroscience theory to help you anchor the learning and understand brain function better. 12 hours lecture. (Pass/No Pass only)								
33319	PDS-803	Lecture	0			ON-LINE	V Mixson	02/16 - 03/15/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PDS-804		Motivating Yourself and Others						
Prerequisite: None Description: Individuals and leaders explore the key ingredients for strengthening workplace commitment, engagement, and career satisfaction. Apply alternative reward and recognition strategies to increase engagement in the workplace. 12 hours lecture. (Pass/No Pass only)								
33320	PDS-804	Lecture	0			ON-LINE	V Mixson	02/16 - 03/15/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PDS-806		The Art of Negotiating and Collaborating						
Prerequisite: None Description: Participants apply collaboration tools for building high-trust synergistic relationships, analyze the conflict cycle and practice skills to diffuse conflict at each stage for mutual benefit. Assess one's strengths and utilize tools to facilitate and adapt to others styles. Skills include re-framing, neutralizing language, discovering of interests, and leveraging innovative solutions through a collaborative negotiation process. 12 hours lecture. (Pass/No Pass only)								
33321	PDS-806	Lecture	0			ON-LINE	F Almeida	03/15 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PDS-807		Personality Styles and Difficult Relationships						
Prerequisite: None Description: Exploration of participants' own behaviors and personality styles, while learning to adapt one's behavior to be effective with other personality styles in a variety of work situations. Emphasis is placed on dealing with difficult relationships and communicating in a way that matches the needs of all involved to achieve relationship satisfaction and organizational objectives. 12 hours lecture. (Pass/No Pass only)								
33322	PDS-807	Lecture	0			ON-LINE	F Almeida	04/19 - 05/17/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PDS-808		Critical Thinking, Problem Solving and Decision Making						
Prerequisite: None Description: In today's workplace, it is everyone's job to solve problems and make decisions. Analytical thinking, decision making and problem solving involve breaking things down into their component parts, applying deductive reasoning and then applying judgment and insight. Learn hands-on techniques to generate breakthrough ideas, make decisions, and solve your most pressing problems. All by asking the right questions, challenging assumptions, and seeing others' viewpoints with clarity. 12 hours lecture. (Pass/No Pass only)								
33323	PDS-808	Lecture	0			ON-LINE	R Wolfer	04/19 - 05/17/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								

**\* MOST 21SPR CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \***  
**\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \***

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
PDS-809		Business Writing in a Technological World						
Prerequisite: None Description: Participants will develop effective and professional business writing skills using business tone, organization and formatting, word choice and persuasion. Matching the delivery channel (email, letter, memo, or text) to the message type and situation will be covered, as well as the best methods to deliver bad news. 12 hours lecture. (Pass/No Pass only)								
33324	PDS-809	Lecture	0			ON-LINE	A Riker	02/16 - 03/15/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PDS-810		Time Management						
Prerequisite: None Description: Participants explore time management strategies and tools for effectively managing expanding workloads, shifting priorities and increasing demands. Practice prioritizing "important" versus "urgent" activities. Emphasis on analyzing current use of time; identifying organizational goals, roles and priorities; discovering gaps to achieving goals; and applying time management tools to the gaps to complete important priorities first. 12 hours lecture. (Pass/No Pass only)								
33325	PDS-810	Lecture	0			ON-LINE	R Wolfer	03/15 - 04/09/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PDS-812		Workplace Communication Strategies						
Prerequisite: None Description: Participants assess and optimize current workplace communication skills. Differentiate content, emotions, perceptions, and intentions in a communication exchange. Build an advanced communication toolkit to forward your career. Illustrate clear and congruent verbal and nonverbal messages tailored to the personalities involved, the desired outcomes, and the context. 12 hours lecture. (Pass/No Pass only)								
33326	PDS-812	Lecture	0			ON-LINE	R Wolfer	04/19 - 05/17/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								
PDS-813		Best Practices in Customer Service						
Prerequisite: None Description: Apply practical strategies to retain a valuable customer base, diffuse difficult situations, and earn repeat business. Topics include: The anatomy of a complaint, regulating verbal and nonverbal responses, active listening skills, creative problem solving, customer perceptions and expectations, adapting to different conflict styles, and steps to defuse angry customers. 12 hours lecture. (Pass/No Pass only)								
33327	PDS-813	Lecture	0			ON-LINE	F Almeida	02/16 - 03/15/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.								