

# Norco College - Spring 2022 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

**Subject** (points to Description)  
**Section Notes** (points to empty space above ON-LINE)  
**Section Number** (points to SECT#)  
**Course Number** (points to COURSE#)  
**Shade denotes evening class (after 4:00pm)** (points to 06:00PM-08:50PM)  
**Building-Room** (points to QD-201)

### Table of Contents

#### Credit Classes

Academic Literacy And Reading.....	1
Accounting.....	1
Administration Of Justice.....	2
Anthropology.....	3
Apprentice.....	4
Architecture.....	4
Art.....	4
Art History.....	6
Biology.....	6
Business Administration.....	8
Chemistry.....	9
Chinese.....	10
Communication Studies.....	10
Computer Applications/Office.....	12
Computer Information Systems.....	12
Construction Technology.....	14
Dance.....	15
Drafting.....	15

Early Childhood Education.....	15
Economics.....	17
Electricity.....	17
Electronics.....	17
Engineering.....	19
English.....	20
English As A Second Language.....	25
Ethnic Studies.....	25
French.....	26
Game Development.....	26
Geography.....	26
Guidance.....	27
Health Science.....	28
History.....	28
Humanities.....	29
Interdisciplinary Studies.....	30
Kinesiology.....	30
Library.....	32
Management.....	32
Manufacturing Technology.....	33
Marketing.....	33
Mathematics.....	33
Music.....	36
Music Industry Studies.....	38
Philosophy.....	38
Photography.....	39
Physical Science.....	39
Physics.....	39
Political Science.....	40
Psychology.....	41
Real Estate.....	42
Sociology.....	42
Spanish.....	43
Theater Arts.....	44
Work Experience.....	45

#### Non-Credit Classes

Academic Literacy And Reading.....	46
Accounting.....	46
English As A Second Language.....	46
Interdisciplinary Studies.....	47
Profes. Development Studies.....	47

### Credit Classes

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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#### ACADEMIC LITERACY AND READING

##### ALR-4 Critical Reading as Critical Thinking

Prerequisite: None Advisory: BUS-20 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.

34318	ALR-4	Lecture	3			ON-LINE	M Sloniger	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

34319	ALR-4	Lecture	3			ON-LINE	M Sloniger	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

#### ACCOUNTING

##### 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)

33347	ACC-1A	Lecture	3	M	06:00PM-09:10PM	IT-108	P Worsham	02/14 - 04/09/22
						ON-LINE		02/14 - 04/09/22

The above section is a short term hybrid class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.

33349	ACC-1A	Lecture	3			ON-LINE	D White	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33350	ACC-1A	Lecture	3			ON-LINE	P Worsham	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
33351	ACC-1A	Lecture	3	TTh	09:40AM-11:05AM	IT-109 ON-LINE	D White	02/14 - 04/09/22 02/14 - 04/09/22
The above section is a short term hybrid class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
33352	ACC-1A	Lecture	3			ON-LINE	P Worsham	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34419	ACC-1A	Lecture	3			ON-LINE	P Worsham	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34461	ACC-1A	Lecture	3			ON-LINE	F Itokazu	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
<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)								
33355	ACC-1B	Lecture	3			ON-LINE	D White	04/18 - 06/10/22
The above section is an online class. Internet access is required.								
33356	ACC-1B	Lecture	3	M	06:00PM-09:10PM	IT-108 ON-LINE	P Worsham	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term hybrid class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
33357	ACC-1B	Lecture	3			ON-LINE	D White	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33358	ACC-1B	Lecture	3			ON-LINE	P Worsham	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
33359	ACC-1B	Lecture	3	TTh	09:40AM-11:05AM	IT-109 ON-LINE	D White	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term hybrid class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34462	ACC-1B	Lecture	3			ON-LINE	P Worsham	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
<b>ACC-55 Applied Accounting/Bookkeeping</b>								
Prerequisite: None Description: 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 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.)								
33362	ACC-55	Lecture	3			ON-LINE	N Ildefonso	04/18 - 06/10/22
The above section is short-term a online class. Computer with Internet access required. See www.rccd.edu/de. Please note start and end date.								
<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)								
33363	ACC-62	Lecture	3			ON-LINE	P Worsham	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
<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.)								
33365	ACC-65	Lecture	3			ON-LINE	N Ildefonso	04/18 - 06/11/22
The above section is short-term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the 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)								
34256	ACC-67	Lecture	4			ON-LINE	F Itokazu	04/18 - 06/10/22
The above section is a late start online class. Computer with Internet access required. See www.rccd.edu/de. Please note start and end dates.								

## 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)								
33367	ADJ-1	Lecture	3	MW	11:10AM-12:35PM	STEM-302	S Williams	02/28 - 04/06/22
The above section is a short term class. Please note start and end dates.								
33368	ADJ-1	Lecture	3			ON-LINE	S Williams	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34269	ADJ-1	Lecture	3			ON-LINE	S Williams	02/14 - 06/10/22
The above section is an online class and is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program. Internet access required. See www.rccd.edu/de								
34441	ADJ-1	Lecture	3			ON-LINE	S Williams	02/28 - 04/06/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de								
<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)								
33372	ADJ-2	Lecture	3			ON-LINE	M Miller	02/14 - 06/10/22
The above section is an online class and restricted to Santiago High School students participating in Norco College's Dual Enrollment Program. Internet access is required.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
33374	ADJ-3	Lecture	3			ON-LINE	M Leese	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34258	ADJ-3	Lecture	3	TTh	11:15AM-12:40PM	STEM-302	M Leese	04/19 - 06/09/22
The above section is a short term class. Please note start and end dates.								
34446	ADJ-3	Lecture	3			ON-LINE	M Leese	04/19 - 06/09/22
This above section is a late start online class. Computer with Internet access required. See www.rccd.edu/de 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)								
33375	ADJ-9	Lecture	3			ON-LINE	S Williams	02/14 - 06/10/22
The above section is an online class. Internet access is required.								
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)								
33370	ADJ-12	Lecture	3			ON-LINE	L Walker	04/18 - 06/10/22
		Lab				ON-LINE		04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. Please note start and end dates See www.rccd.edu/de								
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)								
33371	ADJ-13	Lecture	3	T	06:00PM-09:10PM	STEM-302	S Williams	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
The above section is a hybrid class. Internet access is required.								
34238	ADJ-13	Lecture	3			ON-LINE	S Williams	02/14 - 06/10/22
The above section is an online class. Internet access is required.								
34440	ADJ-13	Lecture	3			ON-LINE	S Williams	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
ADJ-14		Advanced Criminal Investigation						
Prerequisite: ADJ-13 Description: Advanced training and skill development in crime scene investigation and in the recording, collection, and preservation of physical and testimonial evidence. Focus in on the understanding and working knowledge of fingerprints, ballistics firearms identification, varieties of trace evidence and a basic introduction to forensic sciences. 54 hours lecture and 12 hours laboratory. (Letter grade only)								
34352	ADJ-14	Lecture	3			ON-LINE	L Doyle	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
This section is an online class. Internet access is required. See www.rccd.edu/de								
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)								
34270	ADJ-19	Lecture	3	MW	11:10AM-12:35PM	STEM-302	M Leese	04/18 - 06/08/22
The above section is a short term class. Please note start and end dates.								
34447	ADJ-19	Lecture	3			ON-LINE	M Leese	04/18 - 06/08/22
This section is a late start online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								

## 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.								
33378	ANT-1	Lecture	3	TTh	02:30PM-03:55PM	HUM-111	A Azevedo	02/14 - 06/10/22
33379	ANT-1	Lecture	3			ON-LINE	A Gray	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33380	ANT-1	Lecture	3			ON-LINE	A Gray	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33382	ANT-1	Lecture	3			ON-LINE	A Gray	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33384	ANT-1	Lecture	3			ON-LINE	A Gray	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34201	ANT-1	Lecture	3			ON-LINE	A Gray	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34384	ANT-1	Lecture	3	TTh	02:30PM-03:55PM	REG-MEET	A Azevedo	02/14 - 06/10/22
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								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
34459	ANT-1	Lecture	3			ON-LINE	A Mejia	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de 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.								
33385	ANT-1L	Lab	1			ON-LINE	A Azevedo	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
33386	ANT-1L	Lab	1			ON-LINE	A Mejia	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34379	ANT-1L	Lab	1			ON-LINE	A Mejia	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de 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.								
33388	ANT-2	Lecture	3			ON-LINE	C Buchanan	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33389	ANT-2	Lecture	3			ON-LINE	C Buchanan	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
<b>ANT-3 Prehistoric Cultures</b>								
Prerequisite: None Description: The development of human society from the earliest evidence of culture to the beginnings of recorded history. The concepts, methods, and data of prehistoric archaeology are used to examine the major transitions in human prehistory, including the origins of culture, agriculture, and early civilization. 54 hours lecture.								
34200	ANT-3	Lecture	3			ON-LINE	C Buchanan	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
<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.								
33393	ANT-6	Lecture	3			ON-LINE	C Buchanan	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
<b>ANT-10 Forensic Anthropology</b>								
Prerequisite: None Description: The application of the methods of physical anthropology, within a medicolegal framework, to the identification of human remains. Focuses on human osteology for the determination of age, sex, ancestry, stature, and unique features. 54 hours lecture.								
34202	ANT-10	Lecture	3	Th	11:10AM-12:35PM	HUM-111 ON-LINE	A Gray	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de IT IS MANADATORY FOR ALL STUDENTS TO MEET FACE TO FACE ON THURSDAY MAY 19TH.								

## 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.)								
34418	APP-450	Lecture	4			ON-LINE	R Wolfer	02/14 - 06/10/22
Online classes are distance education classes with no scheduled meeting 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@norcollege.edu								

## ARCHITECTURE

<b>ARE-36 History of Architecture: Renaissance to Modern</b>								
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.)								
33396	ARE-36	Lecture	3	W	06:30PM-09:40PM	ATEC-119	A Ghiassi	02/14 - 06/10/22

## ART

<b>ART-6 Art Appreciation</b>								
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.)								
33413	ART-6	Lecture	3			ON-LINE	M Chandler	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33414	ART-6	Lecture	3	MW	11:00AM-12:25PM	IT-125	M Chandler	02/14 - 06/10/22
33415	ART-6	Lecture	3			ON-LINE	C Goux	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34253	ART-6	Lecture	3			ON-LINE	L Lavitt	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34267	ART-6	Lecture	3			ON-LINE	M Chandler	02/14 - 04/08/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
34268	ART-6	Lecture	3			ON-LINE	M Chandler	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34422	ART-6	Lecture	3	MW	12:45PM-02:10PM	IT-101	M Chandler	04/18 - 06/10/22
						ON-LINE		04/18 - 06/10/22
The above section is a short term hybrid class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
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.)								
33400	ART-17	Lecture	3	T	02:00PM-02:50PM	ATEC-209	M Lindeman	02/14 - 06/10/22
				Th	02:00PM-03:05PM	ATEC-209		02/14 - 06/10/22
				T	03:00PM-05:15PM	ATEC-209		02/14 - 06/10/22
				Th	03:25PM-05:15PM	ATEC-209		02/14 - 06/10/22
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.)								
33402	ART-18	Lecture	3	T	09:35AM-10:25AM	ATEC-209	M Lindeman	02/14 - 06/10/22
				Th	09:35AM-10:40AM	ATEC-209		02/14 - 06/10/22
				T	10:35AM-12:50PM	ATEC-209		02/14 - 06/10/22
				Th	11:00AM-12:50PM	ATEC-209		02/14 - 06/10/22
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.)								
34255	ART-22	Lecture	3			ON-LINE	M Lindeman	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
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.)								
33405	ART-23	Lecture	3			ON-LINE	T Le	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
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)								
33406	ART-24	Lecture	3	M	06:00PM-06:50PM	ATEC-209	D Campuzano	02/14 - 06/10/22
				W	06:00PM-07:05PM	ATEC-209		02/14 - 06/10/22
				M	07:00PM-09:15PM	ATEC-209		02/14 - 06/10/22
				W	07:25PM-09:15PM	ATEC-209		02/14 - 06/10/22
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.)								
33407	ART-26	Lecture	3	M	07:45AM-08:35AM	ATEC-209	T Le	02/14 - 06/10/22
				W	07:45AM-08:50AM	ATEC-209		02/14 - 06/10/22
				M	08:45AM-11:00AM	ATEC-209		02/14 - 06/10/22
				W	09:10AM-11:00AM	ATEC-209		02/14 - 06/10/22
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.)								
33408	ART-27	Lecture	3	M	07:45AM-08:35AM	ATEC-209	T Le	02/14 - 06/10/22
				W	07:45AM-08:50AM	ATEC-209		02/14 - 06/10/22
				M	08:45AM-11:00AM	ATEC-209		02/14 - 06/10/22
				W	09:10AM-11:00AM	ATEC-209		02/14 - 06/10/22
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)								
33409	ART-28A	Lecture	3	M	07:45AM-08:35AM	ATEC-209	T Le	02/14 - 06/10/22
				W	07:45AM-08:50AM	ATEC-209		02/14 - 06/10/22
				M	08:45AM-11:00AM	ATEC-209		02/14 - 06/10/22
				W	09:10AM-11:00AM	ATEC-209		02/14 - 06/10/22
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.)								
33410	ART-39	Lecture	3	M	04:30PM-05:20PM	ATEC-109	A Johnson	02/14 - 06/10/22
				W	04:30PM-05:35PM	ATEC-109		02/14 - 06/10/22
				M	05:30PM-07:45PM	ATEC-109		02/14 - 06/10/22
				W	05:55PM-07:45PM	ATEC-109		02/14 - 06/10/22



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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.)								
33411	ART-48A	Lecture	3	T	09:35AM-10:25AM	ATEC-209	M Lindeman	02/14 - 06/10/22
		Lab		Th	09:35AM-10:40AM	ATEC-209		02/14 - 06/10/22
		Lab		T	10:35AM-12:50PM	ATEC-209		02/14 - 06/10/22
		Lab		Th	11:00AM-12:50PM	ATEC-209		02/14 - 06/10/22

## ART HISTORY

AHS-2		History of Western Art: Renaissance 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 AHS-2 and AHS-2H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
34252	AHS-2	Lecture	3			ON-LINE	M Chandler	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
AHS-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 AHS-6 and AHS-6H. 54 hours lecture. (Same as ART-6) (Letter Grade, or Pass/No Pass option.)								
34265	AHS-6	Lecture	3			CRHS-ONLN	R Dzikonski	02/14 - 06/10/22
The above section is restricted to Corona High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34266	AHS-6	Lecture	3			LSHS-ONLN	R Dzikonski	02/14 - 06/10/22
The above section is restricted to La Sierra High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
AHS-12		Asian Art History						
Prerequisite: None Description: A survey of the history of Asian art 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.)								
34226	AHS-12	Lecture	3			ON-LINE	L Stone	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

## BIOLOGY

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)								
33418	BIO-1	Lecture	4	MW	04:15PM-05:40PM	IT-117	A Osorio	02/14 - 06/10/22
		Lab		M	06:00PM-09:10PM	IT-128		02/14 - 06/10/22
33419	BIO-1	Lecture	4			ON-LINE	V Sharma	02/14 - 06/10/22
		Lab		T	06:00PM-09:10PM	IT-128	J Schnakenberg Hyland	02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
33420	BIO-1	Lecture	4	TTh	11:15AM-12:40PM	IT-117	S Garcia	02/14 - 06/10/22
		Lab		T	02:00PM-05:10PM	IT-128		02/14 - 06/10/22
33422	BIO-1	Lecture	4			ON-LINE	V Sharma	02/14 - 06/10/22
		Lab		Th	06:00PM-09:10PM	IT-128	J Schnakenberg Hyland	02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
33423	BIO-1	Lecture	4	TTh	11:15AM-12:40PM	IT-117	S Garcia	02/14 - 06/10/22
		Lab		Th	02:00PM-05:10PM	IT-128		02/14 - 06/10/22
33432	BIO-1	Lecture	4	F	01:00PM-04:20PM	IT-101	O Kim	02/14 - 06/10/22
		Lab		F	09:00AM-12:10PM	IT-128		02/14 - 06/10/22
BIO-4		Human Biology (formerly Bio-17)						
Prerequisite: None Description: A non-major introductory course in biology which offers an integrated study of the basic principles of biology as revealed in the human body. Emphasis is placed on cellular and system organization in relation to specific function and common disorders affecting the body; the interaction between the human body and its environment. Controversial, thought-provoking topics related to modern biology and medical advances involving genetic engineering will be included. This course satisfies district graduation and transfer requirements for a science lecture and laboratory course. 54 hours lecture and 54 hours laboratory.								
33441	BIO-4	Lecture	4	TTh	08:00AM-09:25AM	IT-101	J Drainville	02/14 - 06/10/22
		Lab		T	09:35AM-12:45PM	IT-128		02/14 - 06/10/22
34244	BIO-4	Lecture	4	TTh	08:00AM-09:25AM	IT-101	J Drainville	02/14 - 06/10/22
		Lab		Th	09:35AM-12:45PM	IT-128		02/14 - 06/10/22
BIO-10		Life Science Principles						
Prerequisite: None Description: For non-life science majors. An introduction to the principles of life sciences through the study of basic biological concepts of living organisms involving structure, behavior, evolutionary relationships and the social and environmental implications of life science. No credit at the University of California if taken following BIO-1 or 1H. 54 hours lecture.								
34251	BIO-10	Lecture	3			ON-LINE	G Blanco	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
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.								
33435	BIO-18	Lecture	3			ON-LINE	G Blanco	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33436	BIO-18	Lecture	3			ON-LINE	G Blanco	02/14 - 06/10/22
The above section is restricted to Corona High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33437	BIO-18	Lecture	3			ON-LINE	G Blanco	02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
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.								
33438	BIO-19	Lecture	3			ON-LINE	T Friedrich Finnerm	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
BIO-45	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.								
33442	BIO-45	Lecture	3			ON-LINE	C Breidenbaugh	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
BIO-50A	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.								
33443	BIO-50A	Lecture	4	T	05:15PM-06:05PM IT-109		I McGuire	02/14 - 06/10/22
				Th	05:15PM-06:20PM IT-109			02/14 - 06/10/22
		Lab		TTh	06:30PM-09:40PM ST-207			02/14 - 06/10/22
The above section is a web-enhanced class. Internet access is required.								
33444	BIO-50A	Lecture	4	T	11:30AM-12:20PM ATEC-114		P Campo	02/14 - 06/10/22
				Th	11:30AM-12:35PM ATEC-114			02/14 - 06/10/22
		Lab		TTh	08:00AM-11:10AM ST-207			02/14 - 06/10/22
The above section is a web-enhanced class. Internet access is required.								
33445	BIO-50A	Lecture	4	T	11:30AM-12:20PM ATEC-114		P Campo	02/14 - 06/10/22
				Th	11:30AM-12:35PM ATEC-114			02/14 - 06/10/22
		Lab		TTh	02:00PM-05:10PM ST-207			02/14 - 06/10/22
The above section is a web-enhanced class. Internet access is required.								
34248	BIO-50A	Lecture	4	T	05:15PM-06:05PM IT-117		F Almasarweh	02/14 - 06/10/22
				Th	05:15PM-06:20PM IT-117			02/14 - 06/10/22
		Lab		TTh	06:30PM-09:40PM ST-211			02/14 - 06/10/22
34404	BIO-50A	Lecture	4	M	05:15PM-06:06PM LIBR-108		S Tronti	02/14 - 06/10/22
				W	05:15PM-06:20PM LIBR-108			02/14 - 06/10/22
		Lab		MW	06:30PM-09:40PM ST-211			02/14 - 06/10/22
BIO-50B	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)								
33446	BIO-50B	Lecture	4	T	11:30AM-12:20PM IT-101		J Reyes	02/14 - 06/10/22
				Th	11:30AM-12:35PM IT-101			02/14 - 06/10/22
		Lab		TTh	08:00AM-11:10AM ST-211			02/14 - 06/10/22
The above section is a web-enhanced class. Internet access is required.								
33447	BIO-50B	Lecture	4	T	11:30AM-12:20PM IT-101		J Reyes	02/14 - 06/10/22
				Th	11:30AM-12:35PM IT-101			02/14 - 06/10/22
		Lab		TTh	02:00PM-05:10PM ST-211			02/14 - 06/10/22
33448	BIO-50B	Lecture	4	M	01:00PM-01:50PM ATEC-114		J Drainville	02/14 - 06/10/22
				W	01:00PM-02:05PM ATEC-114			02/14 - 06/10/22
		Lab		MW	09:15AM-12:25PM ST-211			02/14 - 06/10/22
33449	BIO-50B	Lecture	4	M	01:00PM-01:50PM ATEC-114		J Drainville	02/14 - 06/10/22
				W	01:00PM-02:05PM ATEC-114			02/14 - 06/10/22
		Lab		MW	02:30PM-05:40PM ST-211			02/14 - 06/10/22
33450	BIO-50B	Lecture	4	M	12:40PM-01:30PM HUM-102		G Johansen	02/14 - 06/10/22
				W	12:40PM-01:45PM HUM-102			02/14 - 06/10/22
		Lab		MW	01:50PM-05:00PM ST-207			02/14 - 06/10/22
33451	BIO-50B	Lecture	4	M	05:15PM-06:05PM HUM-102		A Tocts	02/14 - 06/10/22
				W	05:15PM-06:20PM HUM-102			02/14 - 06/10/22
		Lab		MW	06:30PM-09:40PM ST-207			02/14 - 06/10/22
33452	BIO-50B	Lecture	4	M	08:00AM-09:05AM ST-207		W Whalen	02/14 - 06/10/22
				W	08:00AM-08:50AM ST-207			02/14 - 06/10/22
		Lab		MW	09:15AM-12:25PM ST-207			02/14 - 06/10/22
The above section is a web-enhanced class. Internet access is required.								
BIO-55	Microbiology (formerly Mic-1)							
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.								
33453	BIO-55	Lecture	4	MW	04:15PM-05:40PM IT-101		B Moore	02/14 - 06/10/22
		Lab		M	06:00PM-09:10PM ST-203			02/14 - 06/10/22
33454	BIO-55	Lecture	4	MW	04:15PM-05:40PM IT-101		B Moore	02/14 - 06/10/22
		Lab		W	06:00PM-09:10PM ST-203			02/14 - 06/10/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33455	BIO-55	Lecture	4	MW	07:30AM-08:55AM	IT-117	M Gutierrez	02/14 - 06/10/22
		Lab		M	09:05AM-12:15PM	ST-203		02/14 - 06/10/22
33456	BIO-55	Lecture	4	MW	07:30AM-08:55AM	IT-117	M Gutierrez	02/14 - 06/10/22
		Lab		W	09:05AM-12:15PM	ST-203		02/14 - 06/10/22
33457	BIO-55	Lecture	4	TTh	06:00PM-07:25PM	IT-101	B Moore	02/14 - 06/10/22
		Lab		Th	02:00PM-05:10PM	ST-203		02/14 - 06/10/22

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

34247	BIO-55	Lecture	4	TTh	06:00PM-07:25PM	IT-101	B Moore	02/14 - 06/10/22
		Lab		T	02:00PM-05:10PM	ST-203		02/14 - 06/10/22

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.

33458	BIO-60	Lecture	5	MW	11:10AM-01:15PM	IT-110	P Campo	02/14 - 06/10/22
		Lab		W	01:50PM-05:00PM	ST-203		02/14 - 06/10/22

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.)

33459	BIO-61	Lecture	5	MW	11:35AM-01:40PM	IT-128	J Reyes	02/14 - 06/10/22
		Lab		W	01:50PM-05:00PM	IT-128		02/14 - 06/10/22

## 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)

33461	BUS-10	Lecture	3	MW	11:15AM-12:40PM	WEQ-W6A	E Doucette	02/14 - 06/10/22
33464	BUS-10	Lecture	3			ON-LINE	E Doucette	02/14 - 06/10/22

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

33465	BUS-10	Lecture	3			ON-LINE	A Smith	02/14 - 04/09/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

33466	BUS-10	Lecture	3			ON-LINE	A Martin	04/18 - 06/10/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

34429	BUS-10	Lecture	3			ON-LINE	E Doucette	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

34442	BUS-10	Lecture	3	M	06:00PM-09:00PM	IT-109	A Martin	04/18 - 06/10/22
						ON-LINE		04/18 - 06/10/22

The above section is a late start hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de) Please note start and end dates.

BUS-18A Business Law I

Prerequisite: None. Description: Covers the fundamental legal principles pertaining to business transactions. Provides and overview of an introduction to the legal process and dispute resolution. Coverage of federal and state court systems and a comprehensive study of contracts under the common law and the Uniform Commercial Code. Additional coverage includes include sources of law, business ethics, constitutional law, tort law, agency, business organizations, and criminal law as applied to business. 54 hours lecture. (Letter grade only)

33469	BUS-18A	Lecture	3			ON-LINE	J Alpay	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

33470	BUS-18A	Lecture	3	W	04:15PM-07:25PM	IT-108	J Alpay	02/14 - 04/09/22
						ON-LINE		02/14 - 04/09/22

The above section is a short term hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

33472	BUS-18A	Lecture	3			ON-LINE	J Alpay	02/14 - 04/09/22
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The above section a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note start and end dates.

33473	BUS-18A	Lecture	3			ON-LINE	G Sonnier	04/18 - 06/10/22
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The above section a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note start and end dates.

BUS-18B Business Law II

Prerequisite: None. Description: An overview of the special applications of law in business as it pertains to commercial paper, creditors' rights, secured transactions, agency and employment, partnerships, corporations, personal and real property, and governmental regulation of business. Students will analyze laws and rules, then apply appropriate concepts to factual scenarios. 54 hours lecture. Letter grade only)

33475	BUS-18B	Lecture	3	W	04:15PM-07:25PM	IT-108	J Alpay	04/18 - 06/10/22
						ON-LINE		04/18 - 06/10/22

The above section is a short term hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

BUS-20 Business Mathematics

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)

33477	BUS-20	Lecture	3			ON-LINE	E Doucette	02/14 - 04/09/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

33478	BUS-20	Lecture	3			ON-LINE	E Doucette	04/18 - 06/10/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
BUS-24	Business Communication							
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.								
33479	BUS-24	Lecture	3	M	06:00PM-09:10PM	IT-125	E Doucette	02/14 - 06/10/22
BUS-30	Entrepreneurship Foundations and Fundamentals							
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.								
33481	BUS-30	Lecture	3			ON-LINE	F Almeida	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note start and end dates.								
34346	BUS-30	Lecture	3			ON-LINE	F Almeida	02/14 - 06/10/22
The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program.								
34347	BUS-30	Lecture	3			ON-LINE	F Almeida	02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
BUS-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. (Letter Grade, or Pass/No Pass option)								
33482	BUS-47	Lecture	3			ON-LINE	A Martin	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note start and end dates.								
BUS-80	Principles of Logistics							
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)								
33483	BUS-80	Lecture	3			ON-LINE	C Pentis	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
BUS-85	Warehouse Management							
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.)								
33484	BUS-85	Lecture	3			ON-LINE	C Pentis	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note start and end dates.								
BUS-86	Transportation and Traffic Management							
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.)								
33485	BUS-86	Lecture	3			ON-LINE	C Pentis	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
BUS-87	Purchasing and Supply Management							
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.)								
33486	BUS-87	Lecture	3			ON-LINE	D Dokter	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								

## CHEMISTRY

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.)								
33491	CHE-1A	Lecture	5	MW	11:00AM-12:25PM	IT-123	W Cui	02/14 - 06/10/22
		Lab		MW	07:30AM-10:40AM	HUM-208		02/14 - 06/10/22
33492	CHE-1A	Lecture	5	MW	07:35AM-09:00AM	IT-110	T Hogenauer	02/14 - 06/10/22
		Lab		MW	11:00AM-02:10PM	HUM-208		02/14 - 06/10/22
33494	CHE-1A	Lecture	5	MW	06:00PM-07:25PM	IT-101	B Ghosh	02/14 - 06/10/22
		Lab		MW	02:30PM-05:40PM	HUM-208		02/14 - 06/10/22
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.)								
33495	CHE-1B	Lecture	5	TTh	11:15AM-12:40PM	IT-110	J Tyler	02/14 - 06/10/22
		Lab		TTh	02:00PM-05:10PM	HUM-208		02/14 - 06/10/22
33496	CHE-1B	Lecture	5	TTh	04:10PM-05:35PM	ATEC-114	Z Zhu	02/14 - 06/10/22
		Lab		TTh	06:00PM-09:10PM	HUM-208		02/14 - 06/10/22
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.)								
33497	CHE-2A	Lecture	4	TTh	02:30PM-03:55PM	IT-117	A Efron	02/14 - 06/10/22
		Lab		T	09:30AM-12:40PM	HUM-204	L Zelaya	02/14 - 06/10/22
33501	CHE-2A	Lecture	4	TTh	11:15AM-12:40PM	IT-123	E Wen	02/14 - 06/10/22
		Lab		T	02:00PM-05:10PM	HUM-204		02/14 - 06/10/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33503	CHE-2A	Lecture	4	Th	06:00PM-09:10PM	ATEC-114	P Kimbrough	02/14 - 06/10/22
		Lab		T	06:00PM-09:10PM	HUM-204		02/14 - 06/10/22
33504	CHE-2A	Lecture	4	Th	06:00PM-09:10PM	ATEC-114	P Kimbrough	02/14 - 06/10/22
		Lab		W	06:00PM-09:10PM	HUM-204	J Tyler	02/14 - 06/10/22
33507	CHE-2A	Lecture	4	MW	07:35AM-09:00AM	IT-101	L Zelaya	02/14 - 06/10/22
		Lab		M	09:15AM-12:25PM	HUM-204	C Lugo	02/14 - 06/10/22
33508	CHE-2A	Lecture	4	MW	07:35AM-09:00AM	IT-101	L Zelaya	02/14 - 06/10/22
		Lab		W	09:15AM-12:25PM	HUM-204	C Lugo	02/14 - 06/10/22

CHE-12A Organic Chemistry I  
Prerequisite: CHE-1B or CHE-1BH Description: A discussion of aliphatic hydrocarbons that focuses on their structure, reactivity, methods of synthesis, physical properties, and reaction mechanisms. Laboratory work emphasizes techniques used to identify, separate, and purify substances. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

33489	CHE-12A	Lecture	5	TTh	02:30PM-03:55PM	STEM-301	C Lugo	02/14 - 06/10/22
		Lab		TTh	09:15AM-12:25PM	HUM-208		02/14 - 06/10/22

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

33490	CHE-12B	Lecture	5	TTh	11:00AM-12:25PM	STEM-301	V Lee	02/14 - 06/10/22
		Lab		F	09:45AM-04:10PM	HUM-208		02/14 - 06/10/22

## 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.)

33509	CHI-1	Lecture	5	MW	02:00PM-04:30PM	LIBR-121	C Dealba-Yount	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22

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

## 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.)

33534	COM-1	Lecture	3	T	09:40AM-11:05AM	IT-210	M Lewis	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22

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

33535	COM-1	Lecture	3	W	02:30PM-03:55PM	IT-209	K Rigby	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22

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

33536	COM-1	Lecture	3			ON-LINE	B Natividad	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

33537	COM-1	Lecture	3			ON-LINE	B Rihan	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

33538	COM-1	Lecture	3			ON-LINE	B Rihan	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

33540	COM-1	Lecture	3	TTh	08:00AM-09:25AM	IT-210	K Rigby	02/14 - 06/10/22
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33541	COM-1	Lecture	3			ON-LINE	K Rigby	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

33542	COM-1	Lecture	3			ON-LINE	E Arvilla	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

33543	COM-1	Lecture	3			ON-LINE	J Vierra	04/18 - 06/10/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

33544	COM-1	Lecture	3			ON-LINE	B Natividad	05/02 - 06/10/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

34181	COM-1	Lecture	3	MW	12:45PM-02:15PM	JFK-106	A Tufano	02/14 - 06/10/22
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The above section is restricted to John F. Kennedy Middle High School students participating in Norco College's Dual Enrollment Program.

COM-1H Honors Public Speaking  
Prerequisite: None Limitation on enrollment: Enrollment in the Honors Program 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 the enhanced exploration of: 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. 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 COM-1 and COM-1H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

34159	COM-1H	Lecture	3	MW	12:45PM-02:10PM	IT-108	E Arvilla	02/14 - 06/10/22
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COM-2 Introduction to Persuasion  
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.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33548	COM-2	Lecture	3			ON-LINE	S Bee	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
COM-3		Argumentation and Debate						
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.)								
33551	COM-3	Lecture	3	MW	09:15AM-10:40AM	IT-108	J Baney	02/14 - 06/10/22
33552	COM-3	Lecture	3	MW	11:10AM-12:35PM	IT-111	K Klager	04/18 - 06/10/22
						ON-LINE		04/18 - 06/10/22
The above section is a short term hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
COM-6		Dynamics of Small Group Communication						
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.)								
33553	COM-6	Lecture	3	T	06:00PM-09:10PM	IT-210	C Gutierrez	02/14 - 06/10/22
COM-7		Oral Interpretation of Literature						
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.)								
33554	COM-7	Lecture	3	T	11:15AM-12:50PM	IT-210	M Lewis	02/28 - 06/10/22
						ON-LINE		02/28 - 06/10/22
The above section is a short term hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
COM-9		Interpersonal Communication						
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.)								
33555	COM-9	Lecture	3			ON-LINE	M Lewis	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33556	COM-9	Lecture	3			ON-LINE	M Lewis	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33557	COM-9	Lecture	3			ON-LINE	M Lewis	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33558	COM-9	Lecture	3			ON-LINE	B Rihan	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33559	COM-9	Lecture	3	Th	11:15AM-12:40PM	IT-109	J Vierra	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33560	COM-9	Lecture	3			ON-LINE	A Olaerts	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33561	COM-9	Lecture	3	MW	09:15AM-10:40AM	IT-210	R Stinson	04/18 - 06/10/22
						ON-LINE		04/18 - 06/10/22
The above section is a short term hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33562	COM-9	Lecture	3	MW	11:10AM-12:35PM	IT-210	R Stinson	04/18 - 06/10/22
						ON-LINE		04/18 - 06/10/22
The above section is a short term hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33563	COM-9	Lecture	3			ON-LINE	A Olaerts	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33564	COM-9	Lecture	3			ON-LINE	G Stinson	02/28 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33565	COM-9	Lecture	3	Th	09:40AM-11:05AM	IT-108	J Vierra	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33566	COM-9	Lecture	3			ON-LINE	A Olaerts	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33567	COM-9	Lecture	3			ON-LINE	R Stinson	05/02 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33568	COM-9	Lecture	3			ON-LINE	M Lewis	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33569	COM-9	Lecture	3			ON-LINE	M Lewis	05/02 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33570	COM-9	Lecture	3	W	06:00PM-09:10PM	IT-210	K Klager	04/18 - 06/10/22
						ON-LINE		04/18 - 06/10/22
The above section is a short term hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33571	COM-9	Lecture	3	Th	04:10PM-05:35PM	LIBR-121	N Aceves	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
The above section is a hyflex section; students can choose to attend class on campus in person or remotely during the scheduled times. The above section will focus on the Chicano experience and is designed for students in the Puente Program. See the instructor and a counselor before enrolling.								
33572	COM-9	Lecture	3	Th	04:10PM-05:35PM	LIBR-121	N Aceves	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
34166	COM-9	Lecture	3	Th	04:10PM-05:35PM	LIBR-121 ON-LINE	N Aceves	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hyflex section; students can choose to attend class on campus in person or remotely during the scheduled times. 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. Internet access is required.								
34167	COM-9	Lecture	3	Th	04:10PM-05:35PM	REG-MEET	N Aceves	02/14 - 06/10/22
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.								
34168	COM-9	Lecture	3	Th	04:10PM-05:35PM	REG-MEET	N Aceves	02/14 - 06/10/22
The above section will focus on the Chicano experience and is designed for students in the Puente Program. See the instructor and a counselor before enrolling.								
34169	COM-9	Lecture	3	Th	04:10PM-05:35PM	REG-MEET	N Aceves	02/14 - 06/10/22
The above section is an online class, designed with special emphasis on African American culture. See the Umoja counselor (sean.davis@norrccollege.edu) prior to enrolling. Internet access is required.								
34287	COM-9	Lecture	3			SANT-ONLN	A Tufano	02/14 - 06/10/22
The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

#### 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)

33545	COM-12	Lecture	3	T	09:40AM-11:05AM	IT-108 ON-LINE	A Olaerts	02/14 - 06/10/22 02/14 - 06/10/22
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The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.

#### 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.)

33547	COM-13	Lecture	3			ON-LINE	A Olaerts	05/02 - 06/10/22
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The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.

#### 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)

33550	COM-20	Lecture	3			ON-LINE	E Arvilla	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

### COMPUTER APPLICATIONS/OFFICE

#### CAT-1A Business Etiquette

Prerequisite: None Description: Practical human relations skills with a primary emphasis on soft skills and expected workplace behaviors. Includes the essentials of appropriate and professional business communications and protocols using email, text, phone, portable devices, video and teleconferencing, and social media in the workplace. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)

33487	CAT-1A	Lecture	1			ON-LINE	C McConnell-Freeman	02/14 - 04/09/22
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The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note start and end dates.

#### CAT-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 CIS-98A)

33488	CAT-98A	Lecture	1.5			ON-LINE	B Fuller	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22

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

### 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.

33515	CIS-1A	Lecture	3	T	09:40AM-11:05AM	ATEC-118 ON-LINE ON-LINE	J Coverdale	02/14 - 06/10/22 02/14 - 06/10/22 02/14 - 06/10/22
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The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de. Half of the lecture time and the designated 18-hour laboratory requirement is completed online.

33517	CIS-1A	Lecture	3			ON-LINE ON-LINE	J Perry	02/14 - 06/10/22 02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.

33519	CIS-1A	Lecture	3			ON-LINE ON-LINE	J Coverdale	02/14 - 06/10/22 02/14 - 06/10/22
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The above section is an online. Computer with Internet access required. See www.rccd.edu/de.

33521	CIS-1A	Lecture	3			ON-LINE ON-LINE	J Coverdale	02/14 - 06/10/22 02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.

33523	CIS-1A	Lecture	3	T	02:30PM-03:55PM	ATEC-118 ON-LINE ON-LINE	J Coverdale	02/14 - 06/10/22 02/14 - 06/10/22 02/14 - 06/10/22
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The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de. Half of the lecture time and the designated 18-hour laboratory requirement is completed online.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
CIS-2		<b>Fundamentals of Systems Analysis</b> 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.)						
33525	CIS-2	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, will be completed online.								
CIS-5		<b>Programming Concepts and Methodology : C++</b> 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. (Same as CSC-5) (Letter grade)						
33526	CIS-5	Lecture Lab	4	T	09:40AM-12:40PM	ON-LINE IT-202	J Perry	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de. The designated 54-hour lecture requirement is completed online.								
33527	CIS-5	Lecture Lab	4			ON-LINE ON-LINE	J Perry	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.								
33528	CIS-5	Lecture Lab	4			ON-LINE ON-LINE	J Perry	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.								
CIS-11		<b>Computer Architecture and Organization: Assembly</b> 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)						
33510	CIS-11	Lecture Lab	3	M W W	08:55AM-11:00AM 08:55AM-10:00AM 10:10AM-11:00AM	ATEC-118 ATEC-118 ATEC-118	A Rainey	02/14 - 06/10/22 02/14 - 06/10/22 02/14 - 06/10/22
Designated laboratory hours are included in the meeting times for this class.								
CIS-17A		<b>Programming Concepts and Methodology : C++</b> 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)						
33511	CIS-17A	Lecture Lab	3	MW M	11:10AM-12:35PM 10:00AM-11:00AM	IT-127 IT-127	J Ruiz	02/14 - 06/10/22 02/14 - 06/10/22
Designated laboratory hours are included in the meeting times for this class.								
33512	CIS-17A	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	02/14 - 06/10/22 02/14 - 06/10/22
Designated laboratory hours are included in the meeting times for this class.								
CIS-18A		<b>Java Programming: Objects</b> 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.)						
33513	CIS-18A	Lecture Lab	3	Th	06:00PM-09:10PM	ATEC-118 ON-LINE	J Ruiz	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de. The designated 18-hour laboratory requirement is completed online.								
CIS-18C		<b>Java Programming: Data Structures</b> 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.)						
33514	CIS-18C	Lecture Lab	3	T	06:00PM-09:10PM	ATEC-118 ON-LINE	J Ruiz	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de. The designated 18-hour laboratory requirement is completed online.								
CIS-78B		<b>Advanced Adobe Photoshop</b> 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) (Same as CAT-78B)						
33530	CIS-78B	Lecture Lab	3	TTh	08:00AM-09:25AM	ATEC-118 ON-LINE	J Clendenning	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a HYBRID online class. Internet access is required.								
CIS-98A		<b>Introduction to Excel</b> 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)						
33533	CIS-98A	Lecture Lab	1.5			ON-LINE ON-LINE	B Fuller	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.								



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

33573	CON-60	Lecture	3			ON-LINE	J Thomas	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

33574	CON-62	Lecture	3			ON-LINE	R Skaggs	02/14 - 06/10/22
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The above section is an online class. Internet access is required.

### 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)

33576	CON-63A	Lecture	3			ON-LINE	J Thomas	02/14 - 06/10/22
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The above section is an online class. Internet access is required.

### 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.

33577	CON-63B	Lecture	3			ON-LINE	J Thomas	02/14 - 06/10/22
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The above section is an online class. Internet access is required.

### 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.

33578	CON-63C	Lecture	3			ON-LINE	J Thomas	02/14 - 06/10/22
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The above section is an online class. Internet access is required.

### 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.

33579	CON-63D	Lecture	3			ON-LINE	J Thomas	02/14 - 06/10/22
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The above section is an online class. Internet access is required.

### 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

33580	CON-64	Lecture	3			ON-LINE	P Link	02/14 - 06/10/22
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The above section is an online class. Internet access is required.

### 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.

33582	CON-67	Lecture	3			ON-LINE	J Thomas	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

34439	CON-67	Lecture	3	W	06:30PM-09:40PM	IT-122	J Thomas	02/14 - 06/10/22
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### 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)

33583	CON-71	Lecture	1.5	M	06:00PM-09:35PM	IT-123	J Thomas	02/14 - 04/04/22
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The above section is a short term class. Internet access is required. Please note the start and end dates.

34436	CON-71	Lecture	1.5			ON-LINE	J Thomas	02/14 - 04/04/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

33584	CON-72	Lecture	1.5	M	06:00PM-09:35PM	IT-123	J Thomas	04/18 - 06/06/22
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The above section is a short term class. Internet access is required. Please note the start and end dates.

34437	CON-72	Lecture	1.5			ON-LINE	J Thomas	04/18 - 06/06/22
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The above section is short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

34281	CON-73	Lecture	3	T	06:30PM-09:40PM	IT-122	J Thomas	02/14 - 06/10/22
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34438	CON-73	Lecture	3			ON-LINE	J Thomas	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

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

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.)						
33585	DAN-6	Lecture	3			ON-LINE	E Goe	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

## DRAFTING

DFT-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 ENE-21. (Letter Grade, or Pass/No Pass option)						
33586	DFT-21	Lecture	3			ON-LINE	F Mirzaei	02/14 - 06/10/22
		Lab		Th	09:30AM-12:40PM	ATEC-109		02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de								

DFT-27	Technical Communications	Prerequisite: None Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture. (Same as ELE/ENE-27)						
33588	DFT-27	Lecture	3	F	08:00AM-10:50AM	STEM-302	A Johnson	02/14 - 06/10/22

DFT-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 ENE-30. (Letter Grade, or Pass/No Pass option)						
33590	DFT-30	Lecture	3	T	02:00PM-03:25PM	IT-125	K Rad	02/14 - 06/10/22
		Lab		T	03:30PM-04:55PM	IT-125		02/14 - 06/10/22
		Lab		Th	02:00PM-05:10PM	IT-125		02/14 - 06/10/22

DFT-42	Solidworks I	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. (Same as ENE-42)						
34147	DFT-42	Lecture	3			ON-LINE	F Mirzaei	02/14 - 06/10/22
		Lab		Th	06:00PM-09:10PM	ATEC-109		02/14 - 06/10/22
The above section is a hybrid class. Internet access is required.								

DFT-42B	Solidworks II	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.)(Same as ENE-42B)						
34296	DFT-42B	Lecture	3			ON-LINE	T Wang	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is an online class. Internet access is required. See www.rccd.edu/de								

## EARLY CHILDHOOD EDUCATION

EAR-19	Observation and Assessment in Early Childhood Education	Prerequisite: None. Advisory: EAR-20 and EAR-24 Description: The appropriate use of a variety of assessment and observation strategies to document child development and behavior. Child observations will be conducted and analyzed. 54 hours lecture. (Letter grade only)						
33597	EAR-19	Lecture	3			ON-LINE	S Burnett	02/14 - 06/10/22
The above section is an online class. Internet access is required.								

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, and the importance of play. Child observations required. 54 hours lecture. (Letter grade only)						
33598	EAR-20	Lecture	3	Th	06:00PM-09:10PM	IT-209	A Neptune	04/21 - 06/09/22
						ON-LINE		04/21 - 06/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								

33599	EAR-20	Lecture	3			ON-LINE	S Sumiati	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33602	EAR-20	Lecture	3			ON-LINE	L Vazquez	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33603	EAR-20	Lecture	3			ON-LINE	M Adams	02/14 - 06/10/22
The above section an online class and restricted to Centennial High School students participating in Norco College's Dual Enrollment Program. Internet access is required.								

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)						
33604	EAR-24	Lecture	3			ON-LINE	L Vazquez	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
34271	EAR-24	Lecture	3			ON-LINE	S Burnett	02/14 - 06/10/22
The above section is an online class. Internet access is required.								
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)								
34274	EAR-25	Lecture	3			ON-LINE	T Oliver	02/14 - 06/10/22
The above section is an online class. Internet access is required.								
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.								
33605	EAR-26	Lecture	3	MW	09:15AM-10:35AM	IT-209	L Vazquez	02/14 - 06/10/22
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.								
33606	EAR-28	Lecture	3			ON-LINE	R Carreon-Bailey	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34272	EAR-28	Lecture	3			ON-LINE	R Carreon-Bailey	02/14 - 06/10/22
The above section is an online class. Internet access is required.								
EAR-30		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)								
33607	EAR-30	Lecture	4	Th	02:30PM-04:35PM	IT-209	S Burnett	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section has lab hours that will be completed ONLINE 22SPR. 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),tuberculosis (TB) and COVID-19, 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 Monday 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@norccollege.edu. Take this blank form with your evidence of immunization to the Norco Health first day of the practicum.								
33608	EAR-30	Lecture	4	Th	02:30PM-04:35PM	IT-209	S Burnett	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section has lab hours that will be completed ONLINE 22SPR This 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),tuberculosis (TB) and COVID-19 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 Monday 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@norccollege.edu. Take this blank form with your evidence of immunization to the Norco Health first day of the practicum.								
34445	EAR-30	Lecture	4	Th	02:30PM-04:35PM	IT-209	S Burnett	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section has lab hours that will be completed ONLINE 22SPR. 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),tuberculosis (TB) and COVID-19, 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 Monday 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@norccollege.edu. Take this blank form with your evidence of immunization to the Norco Health first day of the practicum.								
EAR-42		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)								
33610	EAR-42	Lecture	3	M	11:00AM-12:35PM	IT-209	M Adams	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
The above section is a hybrid class. Internet access is required.								
33611	EAR-42	Lecture	3			ON-LINE	M Adams	02/14 - 06/10/22
The above section is an online class and restricted to Santiago High School students participating in Norco College's Dual Enrollment Program. Internet access is required.								
33612	EAR-42	Lecture	3			ON-LINE	M Adams	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
EAR-46		Curriculum and Strategies for Children with Special Needs						
Prerequisite: None Advisory: EAR-40 Description: Covers curriculum and intervention strategies for working with children with special needs in partnership with their families. Focuses on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. Includes the role of the teacher as a professional working with families, collaboration with interdisciplinary teams, and cultural competence. 54 hours lecture. (Letter grade only)								
34275	EAR-46	Lecture	3			ON-LINE	M Adams	04/18 - 06/10/22
The above section is a late start online class. Computer with Internet access required. See www.rccd.edu/de Please note start and end dates.								

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

### ECO-4 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)

33615	ECO-4	Lecture	3			ON-LINE	C Rajakone	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

### ECO-7 Principles of Macroeconomics

Prerequisite: MAT-52 or qualifying placement level Advisory: MAT-35 Description: Economic theory and analysis as applied to the U.S. economy as a whole. Emphasizes aggregate 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. (Letter grade)

33617	ECO-7	Lecture	3			ON-LINE	P Boelman	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

33618	ECO-7	Lecture	3	TTh	09:40AM-11:05AM	IT-117	P Boelman	02/14 - 06/10/22
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34150	ECO-7	Lecture	3			ON-LINE	P Boelman	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

### ECO-8 Principles of Microeconomics

Prerequisite: MAT-52 or qualifying placement level Advisory: MAT-35 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. (Letter grade)

33620	ECO-8	Lecture	3			ON-LINE	P Boelman	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

33621	ECO-8	Lecture	3	TTh	11:15AM-12:40PM	ATEC-210	P Boelman	02/14 - 06/10/22
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## ELECTRICITY

### ELC-11 Dc Electronics

Prerequisite: None Description: Basic electrical theory including Ohm's Law, the Power Law, the Current and Voltage Laws of Kirchhoff, Direct Current (DC) theory, time constants, multimeter measurements, magnetism, electromagnetism, resistors, capacitors, coils, transient analysis and DC Motors, voltage, current, resistance, power, series, parallel and complex series/parallel circuits. 63 hours lecture and 27 hours laboratory. (Letter grade only)

33622	ELC-11	Lecture	4			ON-LINE	K Rad	02/14 - 06/10/22
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		Lab		T	06:00PM-08:25PM	IT-202		02/14 - 06/10/22
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The above section is a hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### ELC-74 Industrial Wiring and Controls

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) (Same as ELE/MAN-74)

33623	ELC-74	Lecture	4	MW	02:30PM-03:55PM	IT-124	J Vela	02/14 - 06/10/22
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		Lab		MW	04:05PM-05:30PM	IT-124		02/14 - 06/10/22
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### ELC-77 Electrical Theory for Electricians

(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, 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 ELE/MAN-77)

34339	ELC-77	Lecture	3	T	09:40AM-10:30AM	IT-124	M Dowlatbadi	02/14 - 06/10/22
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				Th	09:40AM-10:45AM	IT-124		02/14 - 06/10/22
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		Lab		TTh	10:45AM-12:10PM	IT-124		02/14 - 06/10/22
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## ELECTRONICS

### ELE-11 DC Electronics

Prerequisite: None Description: Basic electrical theory including Ohm's Law, the Power Law, the Current and Voltage Laws of Kirchhoff, Direct Current (DC) theory, time constants, multimeter measurements, magnetism, electromagnetism, resistors, capacitors, coils, transient analysis and DC Motors, voltage, current, resistance, power, series, parallel and complex series/parallel circuits. 63 hours lecture and 27 hours laboratory.(same as ELC-11) (Letter grade)

33625	ELE-11	Lecture	4			ON-LINE	K Rad	02/14 - 06/10/22
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		Lab		T	06:00PM-08:25PM	IT-202		02/14 - 06/10/22
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The above section is a hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### ELE-64 Programmable Logic Controllers Using Allen Bradley Plcs

Prerequisite: None Advisory: ELE-10 or ELE-11 Description: Fundamentals of programmable logic controllers, with an emphasis on introductory programming of PLCs. Problem analysis with solutions that integrate programming formats, auxiliary commands and functions, common programming languages, and popular software programs used with PLCs. Installation, maintenance, troubleshooting and repair are inherent components. 36 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.) (Same as MAN-64)

33649	ELE-64	Lecture	3			ON-LINE	P Van Hulle	02/14 - 06/10/22
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		Lab		M	06:30PM-09:20PM	CACT-2		02/14 - 06/10/22
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The above section is a hybrid class. Internet access is required.

### ELE-71 Residential Electrical Wiring

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. Pass/No Pass Letter Grade (Same as ELC-71)

33650	ELE-71	Lecture	4	F	08:00AM-11:20AM	ATEC-119	J Vela	02/14 - 06/10/22
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		Lab		F	12:00PM-03:20PM	ATEC-119		02/14 - 06/10/22
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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ELE-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. Pass/No Pass, Letter Grade. (Same as ELC-73)								
33651	ELE-73	Lecture	4	MW	06:00PM-07:25PM	IT-124	J Vela	02/14 - 06/10/22
		Lab		MW	07:35PM-09:00PM	IT-124		02/14 - 06/10/22
ELE-74	Industrial Wiring and Controls							
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) (Same as ELC/MAN-74)								
33652	ELE-74	Lecture	4	MW	02:30PM-03:55PM	IT-124	J Vela	02/14 - 06/10/22
		Lab		MW	04:05PM-05:30PM	IT-124		02/14 - 06/10/22
ELE-76	Low Voltage Wiring/Alternate Energy							
Prerequisite: None. Description: Introduces electricians to the specialized needs and requirements of institutional, educational and government entities, along with overlapping demands of other specialty areas that include access-control, security/safety, flood, fire and gas detection, environmental controls and renewable energy systems, patient-monitoring, nurse-call, closed-circuit television (CCTV), Internet-Intercom and phone systems and remote-monitoring and control applications. 36 hours lecture and 54 hours laboratory. (PSS/No Pass, Letter Grade. (same as ELC-76)								
33653	ELE-76	Lecture	3	S	08:00AM-09:55AM	ATEC-119	K Rad	02/14 - 06/10/22
		Lab		S	10:20AM-01:10PM	ATEC-119		02/14 - 06/10/22
ELE-77	Electrical Theory for Electricians							
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. Pass/ No Pass, Letter grade, (same as ELC/MAN-77)								
33654	ELE-77	Lecture	3	T	09:40AM-10:30AM	IT-124	M Dowlatabadi	02/14 - 06/10/22
				Th	09:40AM-10:45AM	IT-124		02/14 - 06/10/22
		Lab		TTh	10:45AM-12:10PM	IT-124		02/14 - 06/10/22
ELE-401	Introduction to Electrical Theory, Basic Math Concepts, and the National Electric Code							
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.								
33628	ELE-401	Lecture	3.5	MW	06:00PM-07:10PM	JACT-1	L Vergeront	02/14 - 06/10/22
		Lab		MW	07:20PM-08:45PM	JACT-1		02/14 - 06/10/22
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.								
33629	ELE-401	Lecture	3.5	MW	03:00PM-04:10PM	JACT-1	G Montejano	02/14 - 06/10/22
		Lab		MW	04:20PM-05:45PM	JACT-1		02/14 - 06/10/22
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.								
33630	ELE-401	Lecture	3.5	MW	06:00PM-07:10PM	JACT-9	P Conway	02/14 - 06/10/22
		Lab		MW	07:20PM-08:45PM	JACT-9		02/14 - 06/10/22
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.								
33631	ELE-401	Lecture	3.5	TTh	03:00PM-04:10PM	JACT-1	P Brown	02/14 - 06/10/22
		Lab		TTh	04:20PM-05:45PM	JACT-1		02/14 - 06/10/22
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.								
34371	ELE-401	Lecture	3.5	MW	06:00PM-07:10PM	JACT-2	J Bachtel	02/14 - 06/10/22
		Lab		MW	07:20PM-08:45PM	JACT-2		02/14 - 06/10/22
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.								
ELE-403	AC Circuit Concepts, Applied Electronics, and National Electric Code Applications							
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.								
33632	ELE-403	Lecture	3.5	TTh	06:00PM-07:10PM	JACT-6	S Kadella	02/14 - 06/10/22
		Lab		TTh	07:20PM-08:45PM	JACT-6		02/14 - 06/10/22
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.								
33633	ELE-403	Lecture	3.5	TTh	03:00PM-04:10PM	JACT-3	G Montejano	02/14 - 06/10/22
		Lab		TTh	04:20PM-05:45PM	JACT-3		02/14 - 06/10/22
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.								
33634	ELE-403	Lecture	3.5	TTh	06:00PM-07:10PM	JACT-1	J Bachtel	02/14 - 06/10/22
		Lab		TTh	07:20PM-08:45PM	JACT-1		02/14 - 06/10/22
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.								
33635	ELE-403	Lecture	3.5	TTh	03:00PM-04:10PM	JACT-2	P Conway	02/14 - 06/10/22
		Lab		TTh	04:20PM-05:45PM	JACT-2		02/14 - 06/10/22
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.								
34372	ELE-403	Lecture	3.5	TTh	06:00PM-07:10PM	JACT-5	M Felts	02/14 - 06/10/22
		Lab		TTh	07:20PM-08:45PM	JACT-5		02/14 - 06/10/22
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.								
ELE-405	Electrician Blueprint Reading with Code Applications for National Electrical Code (NEC)							
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.								
33636	ELE-405	Lecture	3.5	TTh	06:00PM-07:10PM	JACT-2	E Engberson	02/14 - 06/10/22
		Lab		TTh	07:20PM-08:45PM	JACT-2		02/14 - 06/10/22
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.								



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33637	ELE-405	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-4 JACT-4	L Vergeront	02/14 - 06/10/22 02/14 - 06/10/22
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.								
ELE-407 Motor Control Principles, Generators and Power Supplies, with National Electric Code (NEC) 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.								
33638	ELE-407	Lecture Lab	3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-6 JACT-6	F Rodriguez	02/14 - 06/10/22 02/14 - 06/10/22
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.								
33639	ELE-407	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-6 JACT-6	E Engberson	02/14 - 06/10/22 02/14 - 06/10/22
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.								
34373	ELE-407	Lecture Lab	3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-3 JACT-3	M Felts	02/14 - 06/10/22 02/14 - 06/10/22
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.								
34374	ELE-407	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-5 JACT-5	S Kadella	02/14 - 06/10/22 02/14 - 06/10/22
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.								
ELE-409 Electrician Specialty Systems 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.(Same as ELC-409)								
33640	ELE-409	Lecture Lab	3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-5 JACT-5	F Rodriguez	02/14 - 06/10/22 02/14 - 06/10/22
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.								
33641	ELE-409	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-5 JACT-5	P Brown	02/14 - 06/10/22 02/14 - 06/10/22
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.								
33642	ELE-409	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-2 JACT-2	E Engberson	02/14 - 06/10/22 02/14 - 06/10/22
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.								
ELE-421 Electrical Theory and Practices DC 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. (Pass/ no pass, Letter grade) (Same as ELC-421)								
33644	ELE-421	Lecture Lab	3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-8 JACT-8	P Gomber	02/14 - 06/10/22 02/14 - 06/10/22
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.								
ELE-423 Semiconductor Electronics 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. (Pass/no pass, Letter grade) (Same as ELC-423)								
33645	ELE-423	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-8 JACT-8	P Gomber	02/14 - 06/10/22 02/14 - 06/10/22
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.								
ELE-425 Management/Alarms/Codes/Circuits Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Introduction to management, installation of security and fire alarm systems, the National Electrical Code as it relates to alarm installation and circuits as applied to alarm systems. 45 hours lecture and 54 hours laboratory.Pass/No Pass Letter Grade (Same as ELC-425)								
33646	ELE-425	Lecture Lab	3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-8 JACT-8	P Gomber	02/14 - 06/10/22 02/14 - 06/10/22
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.								
ELE-499 Electrician Apprenticeship Work Experience 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. (Letter grade) (Same as ELC-499)								
33647	ELE-499	Lab	4	S	08:00AM-08:50AM	JACT-1	J Rowe	02/14 - 06/10/22
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.								
33648	ELE-499	Lab	4	S	09:00AM-09:50AM	JACT-1	J Rowe	02/14 - 06/10/22
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.								

## 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.)							
33655	ENE-10	Lecture	3	W	04:00PM-06:50PM	IT-125	A Farmand	02/14 - 06/10/22
34298	ENE-10	Lecture	3	TTh	03:30PM-04:55PM	ERHS-E110	A Farmand	02/14 - 06/10/22

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

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
33656	ENE-21	Lecture	3			ON-LINE	F Mirzaei	02/14 - 06/10/22
		Lab		Th	09:30AM-12:40PM	ATEC-109		02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de								
ENE-27		Technical Communications						
Prerequisite: None Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture. (Letter grade only)								
33657	ENE-27	Lecture	3	F	08:00AM-10:50AM	STEM-302	A Johnson	02/14 - 06/10/22
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)								
33659	ENE-30	Lecture	3	T	02:00PM-03:25PM	IT-125	K Rad	02/14 - 06/10/22
		Lab		T	03:30PM-04:55PM	IT-125		02/14 - 06/10/22
		Lab		Th	02:00PM-05:10PM	IT-125		02/14 - 06/10/22
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 inertia, and their application to engineering. Algebraic, vector and classical, and graphical methods of calculation. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
33661	ENE-35	Lecture	3	TTh	08:00AM-09:25AM	IT-202	A Johnson	02/14 - 06/10/22
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.								
34299	ENE-39	Lecture	4	T	06:00PM-08:50PM	IT-124	S Chng	02/14 - 06/10/22
		Lab		Th	06:00PM-08:50PM	IT-124		02/14 - 06/10/22
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)								
33662	ENE-42	Lecture	3			ON-LINE	F Mirzaei	02/14 - 06/10/22
		Lab		Th	06:00PM-09:10PM	ATEC-109		02/14 - 06/10/22
The above section is a hybrid class. Internet access is required.								
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.)								
34295	ENE-42B	Lecture	3			ON-LINE	T Wang	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is an online class. Internet access is required. See www.rccd.edu/de								
ENE-48		Programming and Problem-Solving in Matlab						
Prerequisite: MAT-1A Description: Using MATLAB to analyze and solve problems relevant to science and engineering. Introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Content is drawn from practical applications in engineering, physics, and mathematics. 36 hours lecture and 54 hours laboratory. (Letter grade)								
34300	ENE-48	Lecture	3	M	06:00PM-06:50PM	IT-127	K Rad	02/14 - 06/10/22
				W	06:00PM-07:05PM	IT-127		02/14 - 06/10/22
		Lab		MW	07:15PM-08:40PM	IT-127		02/14 - 06/10/22
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. Pass/No Pass Letter Grade.								
33667	ENE-62	Lecture	3	MW	07:35AM-09:00AM	IT-125	A Johnson	02/14 - 06/10/22
<b>ENGLISH</b>								
ENG-1A		English Composition						
Prerequisite: ESL-50 or ENG-50 or ENG-80 or qualifying placement Description: Emphasizes skills in critical reading, and writing, including research. Integrated reading and writing assignments respond to various rhetorical situations. Students will produce a minimum of 7500 words of assessed 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)								
33669	ENG-1A	Lecture	4	MW	07:45AM-09:00AM	IT-123	N Morford	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.rccd.edu/de.								
33670	ENG-1A	Lecture	4	MW	11:15AM-12:30PM	IT-208	A Elizalde	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.rccd.edu/de.								
33671	ENG-1A	Lecture	4			ON-LINE	T Comstock	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.								
33672	ENG-1A	Lecture	4	TTh	04:15PM-06:20PM	HUM-102	J Watson	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.rccd.edu/de.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33673	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	L Hernandez	02/14 - 06/10/22 02/14 - 06/10/22
The above online section requires concurrent enrollment in ENG 91-33737. 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. Computer with Internet access required. See www.rccd.edu/de.								
33674	ENG-1A	Lecture  Lab	4	Th	02:00PM-04:05PM	LIBR-121 ON-LINE ON-LINE	K Johnson-Jimenez	02/14 - 06/10/22 02/14 - 06/10/22 02/14 - 06/10/22
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 hybrid section requires concurrent enrollment in ENG 91-33744. 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. Computer with Internet access required. See www.rccd.edu/de.								
33675	ENG-1A	Lecture Lab	4	MW	02:30PM-04:35PM	IT-121 ON-LINE	C Young M Bader	02/14 - 06/10/22 02/14 - 06/10/22
The above hybrid section requires concurrent enrollment in ENG 91-33746. 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. Computer with Internet access required. See www.rccd.edu/de.								
33676	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Capps	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.								
33677	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	A Elizalde	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33678	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	A Elizalde	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33679	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	A Elizalde	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.								
33680	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	M Bader	02/14 - 04/09/22 02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
33681	ENG-1A	Lecture Lab	4	MW	09:05AM-11:10AM	HUM-102 ON-LINE	J Gianunzio	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.rccd.edu/de.								
33682	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Morford	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33683	ENG-1A	Lecture Lab	4	TTh	10:45AM-12:50PM	WEQ-W6B ON-LINE	S Hicks	02/14 - 06/10/22 02/14 - 06/10/22
The above hybrid section requires concurrent enrollment in ENG 91-33741. 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. Computer with Internet access required. See www.rccd.edu/de.								
33684	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	T Comstock	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33685	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	E Sapien	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
33686	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Hill	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
33687	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	D Mattson	02/14 - 06/10/22 02/14 - 06/10/22
The above online section requires concurrent enrollment in ENG 91-33742. 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. Computer with Internet access required. See www.rccd.edu/de.								
33688	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	T Comstock	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.								
33689	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Reed	02/14 - 06/10/22 02/14 - 06/10/22
The above online section requires concurrent enrollment in ENG 91-33743. 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. Computer with Internet access required. See www.rccd.edu/de.								
33690	ENG-1A	Lecture Lab	4	TTh	03:00PM-05:05PM	ERHS-B211 ON-LINE	D Samson	02/14 - 06/10/22 02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.rccd.edu/de.								
33691	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	M Bader	02/14 - 04/09/22 02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33692	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	S Hanson	02/14 - 06/10/22 02/14 - 06/10/22
The above online section requires concurrent enrollment in ENG 91-33738. 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. Computer with Internet access required. See www.rccd.edu/de.								
33693	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Lovell	02/14 - 06/10/22 02/14 - 06/10/22
The above online section requires concurrent enrollment in ENG 91-33739. 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. Computer with Internet access required. See www.rccd.edu/de.								
33694	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	S Camacho	02/14 - 06/10/22 02/14 - 06/10/22
The above online section requires concurrent enrollment in ENG 91-33740. 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. Computer with Internet access required. See www.rccd.edu/de.								
33697	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	M Pelle	02/14 - 04/09/22 02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
33698	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	C Brownell	02/14 - 04/09/22 02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
33699	ENG-1A	Lecture Lab	4			JVHS-ONLN JVHS-ONLN	N Morford	02/14 - 06/10/22 02/14 - 06/10/22
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.								
33703	ENG-1A	Lecture Lab	4	TTh	09:40AM-11:45AM	IT-206 ON-LINE	T Comstock N Capps	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.rccd.edu/de.								
34348	ENG-1A	Lecture Lab	4	Th	02:00PM-04:05PM	REG-MEET ON-LINE	K Johnson-Jimenez	02/14 - 06/10/22 02/14 - 06/10/22
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@norcocollege.edu) prior to enrolling. The above hybrid section requires concurrent enrollment in ENG 91-33744. 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. Computer with Internet access required. See www.rccd.edu/de.								
34425	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	M Bader	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
34426	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Watson	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
34448	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	M Bader	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34453	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	C Brownell	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
<b>ENG-1B Critical Thinking and Writing</b>								
Prerequisite: ENG-1A or ENG-1AH Description: Students will critically read diverse literary texts in order to compose inquiry-driven writing. Students will write a minimum of 7500 words of assessed writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option) (Letter grade)								
33705	ENG-1B	Lecture Lab	4	Th	09:40AM-11:45AM	LIBR-121 ON-LINE ON-LINE	K Johnson-Jimenez	02/14 - 06/10/22 02/14 - 06/10/22 02/14 - 06/10/22
The above hybrid 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@norcocollege.edu) prior to enrolling. Concurrent enrollment in GUI-46 33769 is required. The above section is a hyflex section; students can choose to attend class on campus in person or remotely during the scheduled times. Computer with Internet access required. See www.rccd.edu/de.								
33706	ENG-1B	Lecture Lab	4	Th	09:40AM-11:45AM	IT-121 ON-LINE ON-LINE	S Camacho	02/14 - 06/10/22 02/14 - 06/10/22 02/14 - 06/10/22
The above hybrid 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. The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.rccd.edu/de.								
33707	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	J Dobson	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.								
33708	ENG-1B	Lecture Lab	4	MWF	09:15AM-10:30AM	CACT-1 ON-LINE	S Camacho	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.rccd.edu/de.								
33709	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	N Soriano M Muldoon	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. All hours, including the 18-hour laboratory requirement, are completed online.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33710	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	R Marsh A Moore	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online.								
33711	ENG-1B	Lecture Lab	4	TTh	04:15PM-06:20PM	IT-208 ON-LINE	A Long A Moore	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33712	ENG-1B	Lecture Lab	4	TTh	06:30PM-08:35PM	IT-110 ON-LINE	R Mansikka	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33713	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	T Wallace	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
33714	ENG-1B	Lecture	4			ON-LINE ON-LINE	D Reade	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
33715	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	D Reade	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
33716	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	T Wallace	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
33717	ENG-1B	Lecture Lab	4	TTh	02:00PM-04:05PM	HUM-102 ON-LINE	M Pelle	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33718	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	C Young	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online.								
33719	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	C Young	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online.								
33721	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	L Hernandez	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online.								
33723	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	J Dobson	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33724	ENG-1B	Lecture Lab	4	TTh	08:00AM-10:05AM	IT-110 ON-LINE	R Hitch	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hyflex section; students can choose to attend class on campus in person or remotely during the scheduled times. The above hyflex section will have reading and writing assignments focusing on the Chicano experience and is designed for students in the Puente Program. See the instructor and a counselor before enrolling. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33725	ENG-1B	Lecture Lab	4			ERHS-ONLN ON-LINE	J Gianunzio	02/14 - 06/10/22 02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33727	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	R Marsh	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online.								
34212	ENG-1B	Lecture Lab	4			JVHS-ONLN JVHS-ONLN	J Gianunzio	02/14 - 06/10/22 02/14 - 06/10/22
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online.								
34345	ENG-1B	Lecture Lab	4	Th	09:40AM-11:45AM	REG-MEET ON-LINE	K Johnson-Jimenez	02/14 - 06/10/22 02/14 - 06/10/22
The above online 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 ( <a href="mailto:sean.davis@norcollege.edu">sean.davis@norcollege.edu</a> ) prior to enrolling. Concurrent enrollment in GUI-46 34344 is required. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
34365	ENG-1B	Lecture Lab	4	TTh	08:00AM-10:05AM	IT-110 ON-LINE	R Hitch	02/14 - 06/10/22 02/14 - 06/10/22
The above online section will have reading and writing assignments focusing on the Chicano experience and is designed for students in the Puente Program. See the instructor and a counselor before enrolling. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
34427	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	C Young	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
34428	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	A Long	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ENG-1BH		Honors Critical Thinking and Writing						
Prerequisite: ENG-1A or ENG-1AH Limitation on enrollment: Enrollment in the Honors Program Description: Students will critically read diverse literary texts in order to compose inquiry-driven writing. Students will write a minimum of 7500 words of assessed writing. Classroom instruction integrates 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 1BH. 72 hours lecture and 18 hours laboratory. (TBA option) (Letter grade)								
33728	ENG-1BH	Lecture	4	TTh	09:40AM-11:45AM	IT-111	L Hernandez	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.rccd.edu/de.								
ENG-4		Writing Tutor Training						
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)								
33729	ENG-4	Lecture	2			ON-LINE	N Capps	02/28 - 06/10/22
		Lab				ON-LINE		02/28 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
ENG-8		Introduction to Mythology						
Prerequisite: NONE Advisory: ENG-1B or ENG-1BH and REA-83 Description: A study of Greco-Roman and other mythological traditions. Emphasizes the historical sources and cultural functions of myths and legends in ancient societies and their continuing relevance to modern thought and culture. 54 hours lecture. (Same as HUM-8)								
34216	ENG-8	Lecture	3	TTh	09:40AM-11:05AM	CACT-1	R Mansikka	02/14 - 06/10/22
ENG-14		American Literature I: Pre-Contact through Civil War						
Prerequisite: ENG-50 or ENG-80 or eligibility for ENG-1A Advisory: ENG-1B or ENG-1BH Description: A survey of American literature from the pre-contact period to the Civil War, including a comprehensive exposure to the prose, poetry 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)								
34214	ENG-14	Lecture	3	MW	11:15AM-12:40PM	IT-109	L Hernandez	02/14 - 06/10/22
ENG-20		Survey of African American Literature						
Prerequisite: None Advisory: ENG-1B or ENG-1BH Description: A survey of African American literature from the early oral tradition to the present using the critical lens of ethnic studies. Includes a comprehensive exposure to African American prose, poetry, and fiction and an introduction to the concepts of ethnic studies focused on the social, intellectual, and artistic trends of African American culture and their relationship to contemporary literature. Students who have taken both ENG-21 and ENG-22 may not receive credit for ENG-20 or ETS-20. 54 hours lecture. (Same as ETS-20) (Letter Grade, or Pass/No Pass option.)								
34349	ENG-20	Lecture	3			ON-LINE	K Johnson-Jimenez	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
ENG-41		World Literature II: Seventeenth Century Through the Present						
Prerequisite: ENG-50 or ENG-80 Advisory: ENG-1B or ENG-1BH Description: Significant works of world literature from the Seventeenth Century through the present, including a comprehensive exposure to the poetry, drama, and fiction of these periods as well as a basic understanding of the cultural, intellectual, and artistic trends these works embody. Emphasis on literature in translation. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
34215	ENG-41	Lecture	3			ON-LINE	K Johnson-Jimenez	02/28 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
ENG-44		Poetry from the Twentieth Century to the Present						
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.)								
33731	ENG-44	Lecture	3			ON-LINE	N Capps	02/28 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
ENG-45		Modern Drama						
Prerequisite: None Advisory: ENG-1B or ENG-1BH Description: A survey of drama from (roughly) 1870 to the present, including appraisal of modern theatrical movements, examination of drama function as a form of creative expression, exploration of ideas, societal factors and technology that have influenced modern drama, and investigation into the practice of the playwright and dramaturge. (Letter Grade, or Pass/No Pass option.)								
33732	ENG-45	Lecture	3			ON-LINE	S Camacho	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
ENG-91		Academic Support for English 1						
Prerequisite: None Corequisite: ENG-1A Description: Limited to students concurrently enrolled in a co-requisite English 1A class, English 91 provides students with additional support for English 1A. This 2-unit class offers additional instruction and practice in reading strategies, writing process, sentence craft, meta-cognitive reflection, and strategies for college success and using college resources. 36 hours lecture. (Non-degree credit course. Pass/No Pass only.)								
33737	ENG-91	Lecture	2			ON-LINE	L Hernandez	02/14 - 06/10/22
The above section is an online class and requires concurrent enrollment in ENG-1A-33673. 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. Computer with Internet access required. See www.rccd.edu/de.								
33738	ENG-91	Lecture	2			ON-LINE	S Hanson	02/14 - 06/10/22
The above section is an online class and requires concurrent enrollment in ENG-1A-33692. 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. Computer with Internet access required. See www.rccd.edu/de.								
33739	ENG-91	Lecture	2			ON-LINE	J Lovell	02/14 - 06/10/22
The above section is an online class and requires concurrent enrollment in ENG-1A-33693. 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. Computer with Internet access required. See www.rccd.edu/de.								
33740	ENG-91	Lecture	2			ON-LINE	S Camacho	02/14 - 06/10/22
The above section is an online class and requires concurrent enrollment in ENG-1A-33694. 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. Computer with Internet access required. See www.rccd.edu/de.								
33741	ENG-91	Lecture	2	T	09:30AM-10:20AM	WEQ-W6B	S Hicks	02/14 - 06/10/22
				Th	09:30AM-10:35AM	WEQ-W6B		02/14 - 06/10/22
The above section requires concurrent enrollment in ENG-1A-33683. 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.								
33742	ENG-91	Lecture	2			ON-LINE	D Mattson	02/14 - 06/10/22
The above section is an online class and requires concurrent enrollment in ENG-1A-33687. 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. Computer with Internet access required. See www.rccd.edu/de.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33743	ENG-91	Lecture	2			ON-LINE	J Reed	02/14 - 06/10/22
The above online section requires concurrent enrollment in ENG-1A-33689. 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. Computer with Internet access required. See www.rccd.edu/de.								
33744	ENG-91	Lecture	2			ON-LINE	K Johnson-Jimenez	02/14 - 06/10/22
The above section requires concurrent enrollment in ENG-1A-33674 (HYB section) or ENG-1A-34348 (OL-REG/Meet section). 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. 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@nccollege.edu) prior to enrolling.								
33746	ENG-91	Lecture	2	M	04:45PM-05:35PM	IT-121	C Young	02/14 - 06/10/22
				W	04:45PM-05:50PM	IT-121		02/14 - 06/10/22
The above section requires concurrent enrollment in ENG-1A-33675. 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

ESL-46	Beginning American College English							
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.)								
34185	ESL-46	Lecture	5			ON-LINE	L Tougas	02/28 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
ESL-47	Low-Intermediate American College English							
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.)								
34187	ESL-47	Lecture	5			ON-LINE	M Shirinian	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
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.								
34188	ESL-48	Lecture	5	M	06:30PM-08:30PM	IT-211	D Tougas	02/14 - 06/10/22
				W	06:30PM-09:30PM	IT-211		02/14 - 06/10/22
		Lab		M	08:40PM-09:30PM	IT-211		02/14 - 06/10/22
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.								
34195	ESL-49	Lecture	5	MW	09:15AM-10:50AM	IT-211	M Shirinian	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
ESL-50	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)								
34192	ESL-50	Lecture	5			ON-LINE	M Shirinian	02/28 - 06/10/22
		Lab				ON-LINE		02/28 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
ESL-93	Oral Skills III: Advanced Oral Communication							
Prerequisite: None Advisory: ESL-92 and concurrent enrollment in ESL 54, 55 or ENG-50 Description: This course develops advanced conversation, pronunciation, idiomatic and aural comprehension skills. Conversational and idiomatic skills focus on increasingly fluent communication and interaction skills in complex speaking situations and comfortable use of English in a variety of situations, both academic and professional. Pronunciation focuses on improved clarity of speech and on increased control of the stress, intonation and rhythm of English. Listening comprehension stresses understanding complex syntax, register, nuance and tone in conversations on campus and in the workplace. Students will learn how to speak at length on a given topic, both prepared and extemporaneous, and to understand the subtleties of conversational English. 54 hours lecture and 18 hours laboratory. (Degree credit course. Letter grade, or Pass/No Pass option.)								
34194	ESL-93	Lecture	3			ON-LINE	M Shirinian	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

## ETHNIC STUDIES

ETS-20	Survey of African American Literature							
Prerequisite: None Advisory: ENG-1B or ENG-1BH Description: A survey of African American literature from the early oral tradition to the present using the critical lens of ethnic studies. Includes a comprehensive exposure to African American prose, poetry, and fiction and an introduction to the concepts of ethnic studies focused on the social, intellectual, and artistic trends of African American culture and their relationship to contemporary literature. Students who have taken both ENG-21 and ENG-22 may not receive credit for ENG-20 or ETS 20. 54 hours lecture. (Same as ENG-20) (Letter Grade, or Pass/No Pass option.)								
34350	ETS-20	Lecture	3			ON-LINE	K Johnson-Jimenez	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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## 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.)

33753	FRE-1	Lecture	5			ON-LINE	A Nabulsi	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22

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

### 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.)

33754	FRE-2	Lecture	5			ON-LINE	A Smith	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22

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

## GAME DEVELOPMENT

### GAM-1 Business of Video Games

Prerequisite: None Description: An introduction to the field of game development. Students will explore the job market, career paths and business aspects of game development professionals. 54 hours lecture.

34306	GAM-1	Lecture	3			ON-LINE	R Bourbeau	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

### 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)

34302	GAM-2	Lecture	3	TTh	08:00AM-09:25AM	STEM-115	J Coverdale	02/14 - 06/10/22
34303	GAM-2	Lecture	3			ON-LINE	J Finley	02/14 - 06/10/22

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

34304	GAM-2	Lecture	3			ON-LINE	J Finley	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

### GAM-3B Advanced Game Design

Prerequisite: GAM-3A Description: An advanced exploration of game design emphasizing gameplay tuning, focus group testing, analytics, and user experience. 54 hours lecture.

34316	GAM-3B	Lecture	3			ON-LINE	C Chance	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

### GAM-4B Advanced Game Scripting

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.

34308	GAM-4B	Lecture	3			ON-LINE	T Tomey	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

### GAM-5B Advanced Concept Art

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.

34313	GAM-5B	Lecture	3			ON-LINE	J Clendenning	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

### GAM-6B 3D Animation

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.

34314	GAM-6B	Lecture	3			ON-LINE	J Clendenning	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

### GAM-7 Game Studio

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)

34309	GAM-7	Lecture	3	F	08:00AM-11:10AM	STEM-115	J Clendenning	02/14 - 06/10/22
34315	GAM-7	Lecture	3			ON-LINE	J Clendenning	02/14 - 06/10/22

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

### GAM-8 Current Topics in Game Development

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.

34312	GAM-8	Lecture	3			ON-LINE	J Finley	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

## GEOGRAPHY

### GEG-1 Physical Geography

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. (Letter Grade)

33755	GEG-1	Lecture	3	MW	07:35AM-09:00AM	ATEC-205	S Justice	02/14 - 06/10/22
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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33757	GEG-1	Lecture	3	MW	11:10AM-12:35PM	ATEC-114	R Christov	02/14 - 06/10/22
33759	GEG-1	Lecture	3	MW	04:10PM-05:35PM	ATEC-205	E Peprah	02/14 - 06/10/22
34328	GEG-1	Lecture	3			ON-LINE	N Prajapati	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
34369	GEG-1	Lecture	3			ON-LINE	E Ogbuchiekwe	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
<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.								
33761	GEG-1L	Lab	1	MW	11:10AM-12:35PM	ATEC-205	S Justice	02/14 - 06/10/22
33762	GEG-1L	Lab	1	MW	12:45PM-02:10PM	ATEC-205	R Christov	02/14 - 06/10/22
33763	GEG-1L	Lab	1	MW	09:15AM-10:40AM	ATEC-205	S Justice	02/14 - 06/10/22
34370	GEG-1L	Lab	1			ON-LINE	E Ogbuchiekwe	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
34444	GEG-1L	Lab	1			ON-LINE	E Peprah	02/28 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.opencampus.com">www.opencampus.com</a> . Please note the start and end dates.								
<b>GEG-2 Human Geography</b>								
Prerequisite: None. Description: The geographic analysis of the human imprint on the planet. A study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions emphasizing demography, languages, religions, urbanization, landscape modification, political units and nationalism, economic systems and development. Emphasis is given to interrelationships between human activities and the biophysical environment. 54 hours lecture. (Letter Grade)								
33766	GEG-2	Lecture	3			ON-LINE	R Christov	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
<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.								
33768	GUI-45	Lecture	1			ON-LINE	A Kramer	02/14 - 04/09/22
The above section is a short term On Line class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . 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.)								
33769	GUI-46	Lecture	1	Th	08:00AM-08:50AM	LIBR-121	A Davis	02/14 - 06/10/22
This section is designed with special emphasis on African American culture. See the Umoja counselor ( <a href="mailto:sean.davis@norccollege.edu">sean.davis@norccollege.edu</a> ) prior to enrolling. Internet access is required. Concurrent enrollment in ENG-1B 33705 is required.								
33770	GUI-46	Lecture	1	Th	10:15AM-11:05AM	IT-110	M Jurado-Martinez	02/14 - 06/10/22
The above section will focus on the Chicano experience and is designed for students in the Puente Program. Contact the instructor and a counselor before enrolling. This class is a HYFLEX section; students can choose to attend class on campus in person or remotely during the scheduled times.								
34336	GUI-46	Lecture	1			ON-LINE	B Quintanar	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
34337	GUI-46	Lecture	1			ON-LINE	B Quintanar	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
34344	GUI-46	Lecture	1	Th	08:00AM-08:50AM	REG-MEET	A Davis	02/14 - 06/10/22
The above section is designed with special emphasis on African American culture. See the Umoja counselor ( <a href="mailto:sean.davis@norccollege.edu">sean.davis@norccollege.edu</a> ) prior to enrolling. Internet access is required. Concurrent enrollment in ENG-1B-34345 is required.								
34366	GUI-46	Lecture	1	Th	10:15AM-11:05AM	IT-110	M Jurado-Martinez	02/14 - 06/10/22
The above section will focus on the Chicano experience and is designed for students in the Puente Program. Contact the instructor and a counselor before enrolling. This class is a HYFLEX section; students can choose to attend class on campus in person or remotely during the scheduled times.								
<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.								
33774	GUI-47	Lecture	3			ON-LINE	M Iliscupidez	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33776	GUI-47	Lecture	3			ON-LINE	M Iliscupidez	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . Please note the start and end dates.								
33777	GUI-47	Lecture	3	MW	09:15AM-10:40AM	IT-101	J Moore	02/14 - 06/10/22
33778	GUI-47	Lecture	3			ON-LINE	A Moreno	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
33779	GUI-47	Lecture	3			ON-LINE	A Moreno	02/14 - 06/10/22
This above section is an online class. Computer with internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
33780	GUI-47	Lecture	3			CRHS-ONLN	A Thompson	02/14 - 06/10/22
The above section is restricted to Corona High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33781	GUI-47	Lecture	3				A Thompson	02/14 - 06/10/22
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33783	GUI-47	Lecture	3	MW	03:00PM-04:30PM	ERHS-C105	B Serrano Madsen	02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
34282	GUI-47	Lecture	3	TTh	03:00PM-04:30PM	CENT-206	A Thompson	02/14 - 06/10/22
The section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
34283	GUI-47	Lecture	3			ON-LINE	A Thompson	02/14 - 06/10/22
The above section is restricted to High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
34284	GUI-47	Lecture	3			CAVA-ONLN	A Davis	02/14 - 06/10/22
The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only. The section is an online class. Computer internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
34288	GUI-47	Lecture	3	W	04:15PM-05:40PM	REG-MEET ON-LINE	A Bailey	02/14 - 06/10/22 02/14 - 06/10/22
The above section is designed with special emphasis on African American culture. 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.								
34289	GUI-47	Lecture	3	W	04:15PM-05:40PM	REG-MEET ON-LINE	A Bailey	02/14 - 06/10/22 02/14 - 06/10/22
The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program designed with special emphasis on African American culture. Contact the Umoja counselor ( <a href="mailto:sean.davis@norcocollege.edu">sean.davis@norcocollege.edu</a> ) prior to enrolling. 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.								
34290	GUI-47	Lecture	3	W	04:15PM-05:40PM	REG-MEET ON-LINE	A Bailey	02/14 - 06/10/22 02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program This section is designed with special emphasis on African American culture. Contact the Umoja counselor ( <a href="mailto:sean.davis@norcocollege.edu">sean.davis@norcocollege.edu</a> ) prior to enrolling. 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.								
34382	GUI-47	Lecture	3	MW	03:00PM-04:30PM	CENT-206	M Alanis	02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
34405	GUI-47	Lecture	3	M	08:30AM-09:45AM	REG-MEET ON-LINE	C Beirne	02/14 - 06/10/22 02/14 - 06/10/22
This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 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. 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								

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)								
33786	GUI-48	Lecture	3			ON-LINE	R Chacon	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
33787	GUI-48	Lecture	3			ON-LINE	R Chacon	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34331	GUI-48	Lecture	3	TTh	03:00PM-04:25PM	ERHS-E101	C Flores	02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								

## HEALTH SCIENCE

HES-1	Health Science							
Prerequisite: None Description: A general education course that offers a basic study of human health and health care as revealed in the anatomy and physiology of the body, nutrition, exercise, stress management, weight management, protection from degenerative and communicable diseases, personal safety, environmental health, wellness, and professional medical care. Students will explore making responsible decisions regarding all aspects of healthy life style including getting fit, disease prevention and treatments, substances use and abuse, human sexuality, and selection of health providers. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification. 54 hours lecture. Letter Grade. (Same as BIO-35)								
33790	HES-1	Lecture	3	MW	02:30PM-03:55PM	IT-117	T Wallstrom	02/14 - 06/10/22
33791	HES-1	Lecture	3			ON-LINE	V Genian	02/14 - 06/10/22
This is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a>								
33793	HES-1	Lecture	3			ON-LINE	S Witmer	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33794	HES-1	Lecture	3			ON-LINE	T Wallstrom	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33797	HES-1	Lecture	3			ON-LINE	T Wallstrom	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33799	HES-1	Lecture	3			ON-LINE	T Wallstrom	02/14 - 06/10/22
This is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a>								

## HISTORY

HIS-2		World History Since 1500					
Prerequisite: None. Advisory: REA-83. Description: A survey of the evolution of modern world history 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. (Letter grade only)							
33801	HIS-2	Lecture	3		ON-LINE	C Day	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
34156	HIS-2	Lecture	3		ON-LINE	S Kyriakos	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .							
HIS-6		United States History to 1877					
Prerequisite: None Advisory: REA-83 or ENG-50 or ENG-80 or qualification for ENG 1A. Description: Political, social, and economic development of the United States from precolonial background and colonial foundations to 1877; the evolution of American thought and institutions; principles of national, state, and local government. Students may not receive credit for both HIS-6 and and HIS-6H. 54 hours lecture. (Letter grade)							



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33804	HIS-6	Lecture	3			ON-LINE	H Vion	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33805	HIS-6	Lecture	3			ON-LINE	T Russell	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33806	HIS-6	Lecture	3	TTh	08:00AM-09:25AM	HUM-103	B Baca	02/14 - 06/10/22
33807	HIS-6	Lecture	3			ON-LINE	T Russell	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33809	HIS-6	Lecture	3			ON-LINE	D Reina	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33810	HIS-6	Lecture	3	MW	09:15AM-10:40AM	HUM-103	H Vion	02/14 - 06/10/22
<b>HIS-7 United States History From 1865</b>								
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.								
33812	HIS-7	Lecture	3			ON-LINE	S Kyriakos	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33814	HIS-7	Lecture	3			ON-LINE	S Kyriakos	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33815	HIS-7	Lecture	3			ON-LINE	S Kyriakos	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33817	HIS-7	Lecture	3	MW	04:10PM-05:35PM	HUM-103	H Vion	02/14 - 06/10/22
33818	HIS-7	Lecture	3			ON-LINE	D Reina	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33821	HIS-7	Lecture	3			ON-LINE	S Kyriakos	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33822	HIS-7	Lecture	3			ON-LINE	C Delgadillo	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
<b>HIS-7H Honors United States History From 1865 the United States</b>								
Prerequisite: None Advisory: REA-83 and qualification for ENG-1A Limitation on enrollment: Enrollment in the Honors Program 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. 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 HIS-7 and HIS-7H 54 hours lecture.								
33826	HIS-7H	Lecture	3	MW	02:30PM-03:55PM	IT-108	T Russell	02/14 - 06/10/22
<b>HIS-14 African American History I</b>								
Prerequisite: None. Description: A survey of the experience of Americans of African descent in America from the 1600s to 1865. The course begins with the history of African civilizations on the coast of West Africa, moves through the rise of slavery in the Americas, the origins and developments of American ideas about race, and the formation of African American culture(s) and identities. It then culminates with emancipation at the end of the Civil War. Although the history of African Americans is one of struggle and almost constant adversity, it is also one of strength and perseverance. In spite of the challenges, African Americans lived, loved, formed enduring communities, and created a unique culture. Since their involuntary arrival on the shores of North America during the early seventeenth century, Africans and their descendants confronted adversity by means of individual and collective action in numerous ways. The course explores these dimensions of the African American experience, and in so doing, highlights the multifaceted ways African Americans have made their own history while simultaneously shaping and contributing to the history of the United States. 54 hours lecture. (Same as ETS-14) (Letter grade only)								
34160	HIS-14	Lecture	3	MW	11:10AM-12:35PM	HUM-103	T Russell	02/14 - 06/10/22
34210	HIS-14	Lecture	3			LSHS-ONLN	T Knight	02/14 - 06/10/22
The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program.								
<b>HIS-26 History of California</b>								
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)								
33803	HIS-26	Lecture	3	TTh	09:40AM-11:05AM	HUM-103	B Baca	02/14 - 06/10/22
<b>HIS-31 Introduction to Chicana/O/X Studies</b>								
Prerequisite: None. Description: Introduction to the study of the Chicana/o/x people, including their history, identity, and culture. Key moments in the history of the Chicana/o/x population are highlighted from the pre-Columbian and Spanish colonial periods to the present. Emphasis is placed on analyzing the complexity and diversity of the culture and identity of the Chicana/o/x people, with focus on race and ethnicity, class, citizenship, gender, sexuality, and region. 54 hours lecture. (Same as ETS-2) (Letter grade only)								
34161	HIS-31	Lecture	3	TTh	02:30PM-03:55PM	IT-101	C Delgadillo	02/14 - 06/10/22
<b>HUMANITIES</b>								
<b>HUM-4 Arts and Ideas: Ancient World Through the Late Medieval Period</b>								
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.								
34196	HUM-4	Lecture	3			ON-LINE	G DeAngelis	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34414	HUM-4	Lecture	3			ON-LINE	A Silva	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
<b>HUM-5 Arts and Ideas: Renaissance through the Modern Era</b>								
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.								
33832	HUM-5	Lecture	3			ON-LINE	G DeAngelis	04/18 - 06/11/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
HUM-8		Introduction to Mythology						
Prerequisite: None Advisory: ENG-1B or ENG-1BH and REA-83 Description: A study of Greco-Roman and other mythological traditions. Emphasizes the historical sources and cultural functions of myths and legends in ancient societies and their continuing relevance to modern thought and culture. 54 hours lecture. (Same as ENG - 8)								
34278	HUM-8	Lecture	3	TTh	09:40AM-11:05AM	CACT-1	R Mansikka	02/14 - 06/10/22
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.								
33835	HUM-9	Lecture	3			ON-LINE	M Bobo	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
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.								
33827	HUM-10	Lecture	3			ON-LINE	M Bobo	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33829	HUM-10	Lecture	3			ON-LINE	M Bobo	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33830	HUM-10	Lecture	3			ON-LINE	M Bobo	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34421	HUM-10	Lecture	3	MW	09:15AM-10:40AM	ATEC-114	M Bobo	04/18 - 06/10/22
						ON-LINE		04/18 - 06/10/22
The above section is a short term hybrid class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
HUM-18		Death: an Interdisciplinary Perspective						
Prerequisite: None Advisory: REA-83 and qualification for English 1A Description: An interdisciplinary study of death from historical, mythological, religious, philosophical, and biological perspectives. The evolving way in which world cultures have understood the problem of death is studied through works of literature, art, and philosophy. 54 hours lecture.								
33831	HUM-18	Lecture	3	MW	11:10AM-12:35PM	IT-121	M Bobo	02/14 - 06/10/22
HUM-35		Philosophy of Religion						
Prerequisite: None Advisory: PHI-10 or PHI-11 Description: An introduction to the examination of religious claims from a philosophical perspective. Emphasis will be placed upon examining the rational justification for various traditional faith claims, and upon examining the relationship between rationality and faith. The course presumes a basic knowledge of philosophical argumentation. 54 hours lecture. Same as PHI-35								
34198	HUM-35	Lecture	3	MW	12:45PM-02:10PM	WEQ-W6B	J Sentmanat	02/14 - 06/10/22
<b>INTERDISCIPLINARY STUDIES</b>								
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.)								
34320	ILA-1	Lecture	1	TTh	09:45AM-11:00AM	IT-211	M Sloniger	04/19 - 05/26/22
The above section is a short term class. Please note the start and end dates.								
<b>KINESIOLOGY</b>								
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)								
33853	KIN-4	Lecture	3			ON-LINE	T Wallstrom	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33854	KIN-4	Lecture	3	TTh	09:40AM-11:05AM	IT-122	T Wallstrom	02/14 - 06/10/22
33856	KIN-4	Lecture	3			ON-LINE	S Witmer	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
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.								
33844	KIN-10	Lecture	3			ON-LINE	R Aguilar	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33845	KIN-10	Lecture	3			ON-LINE	R Aguilar	02/14 - 06/10/22
This is an online class. Computer with Internet access required. See https://rccd.edu/de								
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 \$25.00 for required certificates will be charged to the student and is not covered by CCPG. (Letter grade only)								
33848	KIN-30	Lecture	3	T	09:40AM-11:05AM	WEQ-W3	S Witmer	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
This section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
33849	KIN-30	Lecture	3	M	09:15AM-10:40AM	WEQ-W3	S Witmer	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
This section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
KIN-35		Foundation for Fitness and Wellness						
Prerequisite: None Description: Prepares students to make informed choices and to take responsibility for those choices in the areas of fitness, nutrition, and stress management. Emphasis is on the application of health and physical fitness principles. Each student will develop a personalized plan for the overall maintenance of their own wellness. 36 hours lecture and 54 hours laboratory. (Letter grade only)								
34236	KIN-35	Lecture	3			ON-LINE	D Bednarczyk	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
This is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a>								
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 physical, emotional, intellectual, social, spiritual, and environmental. Emphasis is placed on individual responsibility for personal health and the location and 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)								
33850	KIN-36	Lecture	3			ON-LINE	R Aguilar	04/18 - 06/10/22
The above section is a short term class. Please note the start and end dates.								
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. (letter grade only)								
33852	KIN-38	Lecture	3			ON-LINE	N Hightower	02/14 - 06/10/22
		Lab		MW	11:15AM-12:40PM	WEQ-W2		02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
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.)								
33858	KIN-A40	Lab	1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	02/14 - 06/10/22
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.)								
33859	KIN-A41	Lab	1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	02/14 - 06/10/22
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.)								
33860	KIN-A46	Lab	1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	02/14 - 06/10/22
33862	KIN-A46	Lab	1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	02/14 - 06/10/22
34398	KIN-A46	Lab	1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	02/14 - 06/10/22
This is a HYFLEX section, students will attend class remotely at the listed times along with students who are attending on campus.								
34402	KIN-A46	Lab	1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	02/14 - 06/10/22
This is a HYFLEX section, students will attend class remotely at the listed times along with students who are attending on campus.								
34423	KIN-A46	Lab	1			ON-LINE	L Zank	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.opencampus.com">www.opencampus.com</a> . Please note the start and end dates.								
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.)								
33863	KIN-A47	Lab	1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	02/14 - 06/10/22
34392	KIN-A47	Lab	1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	02/14 - 06/10/22
This is a HYFLEX section, students will attend class remotely at the listed times along with students who are attending on campus.								
34399	KIN-A47	Lab	1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	02/14 - 06/10/22
34403	KIN-A47	Lab	1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	02/14 - 06/10/22
This is a HYFLEX section, students will attend class remotely at the listed times along with students who are attending on campus.								
34424	KIN-A47	Lab	1			ON-LINE	L Zank	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.opencampus.com">www.opencampus.com</a> . Please note the start and end dates.								
KIN-A64A		Soccer, Beginning						
Prerequisite: None. Description: An introduction to the fundamental skills and lifetime fitness potential of soccer. Emphasis is placed on learning the basic skills, techniques and rules. Individual strategies for competition will be introduced. 54 hours laboratory. (Letter grade only)								
34385	KIN-A64A	Lab	1	TTh	08:00AM-09:25AM	SOCR-2	D Rea	02/14 - 06/10/22
34387	KIN-A64A	Lab	1	MW	04:00PM-05:25PM	SOCR-2	B Kuderman	02/14 - 06/10/22
KIN-A64B		Soccer, Intermediate						
Prerequisite: KIN-A64A Description: Team offensive and defensive soccer strategies will be introduced along with individual soccer skills practiced and increased. Emphasis is placed on spatial awareness and body control necessary for practice and competition along with individual offensive and defensive soccer strategies. KIN-A64A, A64B, and A64C 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 only)								
34386	KIN-A64B	Lab	1	TTh	08:00AM-09:25AM	SOCR-2	D Rea	02/14 - 06/10/22
34388	KIN-A64B	Lab	1	MW	04:00PM-05:25PM	SOCR-2	B Kuderman	02/14 - 06/10/22
KIN-A75A		Walking for Fitness: Beginning						
Prerequisite: None Description: This course is designed for all students with an emphasis on cardiovascular fitness, setting personal fitness goals and understanding the physiological benefits of a walking program. Walking programs will be established to improve cardiorespiratory endurance. KIN-A75A, A75B and A77 are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information see section VIII regarding course repetition. 54 hours laboratory. (Letter grade or Pass/No Pass option.)								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
34390	KIN-A75A	Lab	1			ON-LINE	R Aguilar	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .								
34395	KIN-A75A	Lab	1	TTh	08:00AM-09:25AM	WEQ-W8	R Aguilar	02/14 - 06/10/22
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.)								
33866	KIN-A75B	Lab	1	TTh	08:00AM-09:25AM	WEQ-W8	R Aguilar	02/14 - 06/10/22
34394	KIN-A75B	Lab	1			ON-LINE	R Aguilar	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .								
KIN-A81A	Cardio and Strength Training, Beginning							
Prerequisite: None Description: 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.)								
34235	KIN-A81A	Lab	1	MW	11:15AM-12:40PM	WEQ-W8	R Aguilar	02/14 - 06/10/22
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.)								
34383	KIN-A81B	Lab	1	MW	11:15AM-12:40PM	WEQ-W8	R Aguilar	02/14 - 06/10/22
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.)								
33869	KIN-A83	Lab	1	MW	09:40AM-11:05AM	WEQ-W2	L Zank	02/14 - 06/10/22
34389	KIN-A83	Lab	1	MW	09:40AM-11:05AM	WEQ-W2	L Zank	02/14 - 06/10/22
This is a HYFLEX section, students will attend class remotely at the listed times along with students who are attending on campus.								
KIN-A90A	Weight Training - Beginning							
Prerequisite: None. Description: Weight training course designed to teach students the basic exercises for the development of the major muscles. Emphasis is placed on muscular strength, endurance and flexibility. 54 hours laboratory. (Letter grade only)								
33871	KIN-A90A	Lab	1	TTh	12:45PM-02:10PM	WEQ-W8	R Aguilar	02/14 - 06/10/22
KIN-V95	Out-Of-Season Sport Conditioning							
Prerequisite: None Limitation on enrollment: Retention based on successful tryout Description: This course is designed to teach advanced conditioning principles for the design and implementation of our out-of-season training programs in preparation for varsity sport competition. Subsequent enrollment in additional semesters will provide the student an opportunity for added skill competency development. May be taken a total of four times. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
33872	KIN-V95	Lab	1	MW	02:30PM-03:50PM	SOCR-2	B Kuderman	02/14 - 06/10/22
33873	KIN-V95	Lab	1	TTh	09:40AM-11:05AM	SOCR-2	D Rea	02/14 - 06/10/22
<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.)								
33875	LIB-1	Lecture	1	W	11:05AM-12:20PM	IT-106	S Seifried	04/18 - 06/10/22
						ON-LINE		04/18 - 06/10/22
The above section is a short term hybrid class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
33876	LIB-1	Lecture	1			ON-LINE	M Castro	02/14 - 04/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
<b>MANAGEMENT</b>								
MAG-44	Principles of Management							
Prerequisite: None Description: For those who are in management, preparing for a potential promotion or interested in the management process. Includes the primary functions of planning, organizing,controlling, and leading as well as related skills such as team development, motivation and communication techniques, and quality management. Also, social responsibility and a global perspective are emphasized. 54 hours lecture. (Letter Gra de, or Pass/No Pass option.)								
34354	MAG-44	Lecture	3			ON-LINE	D White	04/18 - 06/10/22
This section is a short term online class. Internet acces is required. See www.rccd.edu/de Please note start and end dates.								
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)								
33878	MAG-47	Lecture	3			ON-LINE	A Martin	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Pleae note start and end dates.								
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.)								
33879	MAG-53	Lecture	3			ON-LINE	E Doucette	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
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)								
33880	MAG-56	Lecture	3			ON-LINE	E Doucette	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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## MANUFACTURING TECHNOLOGY

### MAN-36 General Machine Shop and Theory of Machining

Prerequisite: None Description: An introduction to the basic setup and operating of the lathe, mill, saw, drill press, and grinder. Safety, blueprint reading, measurement, shop math, tool grinding, bench work and layout, cutting concepts, and speed and feed calculations are also included. Emphasis will be on the fundamentals of bench work and layout related to the National Institute of Metalworking Skills (NIMS) standards. 54 hours lecture and 54 hours laboratory. (Letter grade or Pass/No Pass)

33881	MAN-36	Lecture	4	T	06:30PM-09:30PM	CACT-2	P Van Hulle	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22

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

### MAN-55 Occupational Safety and Health Administration (OSHA) Standards for General Industry

Prerequisite: None Description: Covers OSHA policies, procedures, and standards, as well as safety for general industry and health principles. Topics include scope and application of the OSHA general industry standards. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide. Upon successful course completion, the student will receive either an OSHA 10 hour general industry or construction industry training completion card. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)

33882	MAN-55	Lecture	1			ON-LINE	P Van Hulle	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

### 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)

33883	MAN-56	Lecture	4			ON-LINE	P Van Hulle	02/14 - 06/10/22
		Lab		W	06:30PM-09:30PM	CACT-2		02/14 - 06/10/22

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

### MAN-64 Programmable Logic Controllers

Prerequisite: None Advisory: ELE-10 or ELE-11 Description: Fundamentals of programmable logic controllers, with an emphasis on introductory programming of PLCs. Problem analysis with solutions that integrate programming formats, auxiliary commands and functions, common programming languages, and popular software programs used with PLCs. Installation, maintenance, troubleshooting and repair are inherent components. 36 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)(Same as ELE-64)

33884	MAN-64	Lecture	3			ON-LINE	P Van Hulle	02/14 - 06/10/22
		Lab		M	06:30PM-09:20PM	CACT-2		02/14 - 06/10/22

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

### 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.)

33885	MAN-73	Lecture	4	MW	06:00PM-07:25PM	IT-124	J Vela	02/14 - 06/10/22
		Lab		MW	07:35PM-09:00PM	IT-124		02/14 - 06/10/22

### MAN-74 Industrial Wiring and Controls

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) (Same as ELC/ELE-74)

33886	MAN-74	Lecture	4	MW	02:30PM-03:55PM	IT-124	J Vela	02/14 - 06/10/22
		Lab		MW	04:05PM-05:30PM	IT-124		02/14 - 06/10/22

### MAN-77 Electrical Theory for Electricians

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. Pass/No Pass, Letter Grade. (same as ELC/ELE-77)

33887	MAN-77	Lecture	3	T	09:40AM-10:30AM	IT-124	M Dowlatbadi	02/14 - 06/10/22
				Th	09:40AM-10:45AM	IT-124		02/14 - 06/10/22
		Lab		TTh	10:45AM-12:10PM	IT-124		02/14 - 06/10/22

## 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)

33981	MKT-20	Lecture	3	W	06:00PM-09:10PM	IT-109	E Doucette	04/18 - 06/10/22
						ON-LINE		04/18 - 06/10/22

The above section is a short term hybrid class. Internet access is required. Please note start and end dates.

34357	MKT-20	Lecture	3	W	06:00PM-09:10PM	REG-MEET	E Doucette	04/18 - 06/10/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

## 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)

33931	MAT-1A	Lecture	4	M	06:30PM-08:00PM	WEQ-W4	A Thomas	02/14 - 06/10/22
				W	06:30PM-09:00PM	WEQ-W4		02/14 - 06/10/22
		Lab		M	08:05PM-09:10PM	WEQ-W4		02/14 - 06/10/22
33932	MAT-1A	Lecture	4	T	09:40AM-12:10PM	WEQ-W5	J Frewing	02/14 - 06/10/22
				Th	09:40AM-11:10AM	WEQ-W5		02/14 - 06/10/22
		Lab		Th	11:15AM-12:10PM	WEQ-W5		02/14 - 06/10/22



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33933	MAT-1A	Lecture	4	T	02:00PM-04:30PM	WEQ-W5	J Frewing	02/14 - 06/10/22
		Lab		Th	02:00PM-03:30PM	WEQ-W5		02/14 - 06/10/22
		Lab		Th	03:35PM-04:30PM	WEQ-W5		02/14 - 06/10/22
<b>MAT-1B</b> 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.)								
33935	MAT-1B	Lecture	4	T	02:10PM-04:40PM	IT-109	B Lopez Segoviano	02/14 - 06/10/22
				Th	02:10PM-03:40PM	IT-109		02/14 - 06/10/22
		Lab		Th	03:45PM-04:40PM	IT-109		02/14 - 06/10/22
33936	MAT-1B	Lecture	4	T	09:40AM-12:10PM	WEQ-W6A	B Lopez Segoviano	02/14 - 06/10/22
				Th	09:40AM-11:10AM	WEQ-W6A		02/14 - 06/10/22
		Lab		Th	11:15AM-12:10PM	WEQ-W6A		02/14 - 06/10/22
33937	MAT-1B	Lecture	4	M	05:40PM-07:10PM	WEQ-W6A	B Johnson	02/14 - 06/10/22
				W	05:40PM-08:10PM	WEQ-W6A		02/14 - 06/10/22
		Lab		M	07:15PM-08:20PM	WEQ-W6A		02/14 - 06/10/22
33938	MAT-1B	Lecture	4	M	02:45PM-04:15PM	WEQ-W6A	B Johnson	02/14 - 06/10/22
				W	02:45PM-05:15PM	WEQ-W6A		02/14 - 06/10/22
		Lab		M	04:20PM-05:15PM	WEQ-W6A		02/14 - 06/10/22
33939	MAT-1B	Lecture	4	M	03:00PM-05:30PM	ERHS-C211	T Young	02/14 - 06/10/22
				W	03:00PM-04:25PM	ERHS-C211		02/14 - 06/10/22
		Lab		W	04:30PM-05:30PM	ERHS-C211		02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
33940	MAT-1B	Lecture	4	MTW	07:00AM-08:15AM	JVHS-A-9	P Ramirez	02/14 - 06/10/22
		Lab		F	07:00AM-08:05AM	JVHS-A-9		02/14 - 06/10/22
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
<b>MAT-1C</b> Calculus III 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.								
33941	MAT-1C	Lecture	4	T	02:10PM-04:40PM	STEM-201	J Tousignant	02/14 - 06/10/22
				Th	02:10PM-03:40PM	STEM-201		02/14 - 06/10/22
		Lab		Th	03:45PM-04:40PM	STEM-201		02/14 - 06/10/22
33942	MAT-1C	Lecture	4	MWF	01:00PM-02:15PM	STEM-302	J Mulari	02/14 - 06/10/22
		Lab		F	02:20PM-03:25PM	STEM-302		02/14 - 06/10/22
<b>MAT-2</b> Differential Equations 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.)								
33943	MAT-2	Lecture	4	TTh	09:40AM-11:45AM	ATEC-204	B Johnson	02/14 - 06/10/22
33945	MAT-2	Lecture	4	TTh	05:40PM-07:45PM	WEQ-W5	S Borissova	02/14 - 06/10/22
<b>MAT-3</b> Linear Algebra 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.)								
33950	MAT-3	Lecture	3	MW	02:30PM-03:55PM	IT-109	J Mulari	02/14 - 06/10/22
<b>MAT-5</b> Calculus for Business and Life Science 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.)								
33964	MAT-5	Lecture	4	TTh	02:00PM-04:05PM	LIBR-108	S Park	02/14 - 06/10/22
33965	MAT-5	Lecture	4			ON-LINE	S Park	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33966	MAT-5	Lecture	4	MW	11:30AM-12:45PM	LIBR-108	J Frewing	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
Enrollment in the above class requires first enrolling in MAT-105-33893.. The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
<b>MAT-10</b> Precalculus 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-9 or MAT-23. 90 hours lecture. (Letter Grade or Pass/No Pass option)								
33889	MAT-10	Lecture	5	TTh	06:00PM-08:30PM	ATEC-210	J DeGuzman	02/14 - 06/10/22
33891	MAT-10	Lecture	5	MWF	01:00PM-02:35PM	IT-111	S Warsinski	02/14 - 06/10/22
33892	MAT-10	Lecture	5	TTh	02:00PM-04:30PM	ATEC-210	J DeGuzman	02/14 - 06/10/22
<b>MAT-11</b> College Algebra Prerequisite: MAT-35 or qualifying placement level Description: This course is intended for students majoring in Liberal Arts and Humanities. The topics covered in this course include polynomial, radical, rational, absolute value, exponential and logarithmic functions; systems of equations; polynomial equations; permutations and combinations; analytic geometry; and linear programming. 72 hours lecture. (Letter Grade or Pass/No Pass option)								
33895	MAT-11	Lecture	4	MW	02:45PM-04:00PM	WEQ-W5	J DeGuzman	02/14 - 06/10/22
						ON-LINE		02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
33896	MAT-11	Lecture	4			ON-LINE	J DeGuzman	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
34430	MAT-11	Lecture	4			ON-LINE	J DeGuzman	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
<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.)								
33903	MAT-12	Lecture	4			ON-LINE	S Park	02/14 - 06/10/22
This is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a>								
33908	MAT-12	Lecture	4			ON-LINE	J DeGuzman	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33911	MAT-12	Lecture	4			ON-LINE	A Robles	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33912	MAT-12	Lecture	4	F	08:00AM-10:15AM	IT-209 ON-LINE	S Warsinski	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33916	MAT-12	Lecture	4			ON-LINE	A Robles	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33917	MAT-12	Lecture	4	TTh	07:00PM-09:05PM	WEQ-W4	L Nguyen	02/14 - 06/10/22
33918	MAT-12	Lecture	4			ON-LINE	B Lopez Segoviano	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 04/04 to 04/09 and another day between 06/03 and 06/10.								
33919	MAT-12	Lecture	4	MW	03:00PM-05:05PM	ERHS-C112	K Baccari	02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. The above section is a web-enhanced class. Internet access is required.								
33921	MAT-12	Lecture	4	MW	12:25PM-01:40PM	ATEC-211 ON-LINE	C Hutchings	02/14 - 06/10/22 02/14 - 06/10/22
Enrollment in the above class requires first enrolling in MAT-112-33898. The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33922	MAT-12	Lecture	4	MW	03:45PM-05:50PM	ATEC-211	C Hutchings	02/14 - 06/10/22
Enrollment in the above class requires first enrolling in MAT-112-33899.								
33923	MAT-12	Lecture	4	T	10:20AM-12:40PM	LIBR-108 ON-LINE	A Robles	02/14 - 06/10/22 02/14 - 06/10/22
Enrollment in the above class requires first enrolling in MAT-112-33900. The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33927	MAT-12	Lecture	4			ON-LINE	B Lopez Segoviano	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 04/04 to 04/09 and another day between 06/03 and 06/10.								
<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.								
33946	MAT-25	Lecture	3			ON-LINE	C Hutchings	02/14 - 06/10/22
33947	MAT-25	Lecture	3	TTh	10:55AM-12:20PM	ATEC-211	C Hutchings	02/14 - 06/10/22
Enrollment in the above class requires first enrolling in MAT-125-33928.								
<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)								
33953	MAT-35	Lecture	5	TTh	02:00PM-03:25PM	WEQ-W6A ON-LINE	A Baccari	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33954	MAT-35	Lecture	5			ON-LINE	E Chung	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33955	MAT-35	Lecture	5			ON-LINE	E Chung	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33958	MAT-35	Lecture	5			ON-LINE	B Johnson	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
<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)								
33960	MAT-36	Lecture	4			ON-LINE	S Park	02/14 - 06/10/22
This is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a>								
33961	MAT-36	Lecture	4			ON-LINE	E Chung	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33962	MAT-36	Lecture	4	MW	01:00PM-02:25PM	LIBR-108 ON-LINE	S Park	02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
33963	MAT-36	Lecture	4	TTh	03:15PM-05:20PM	ATEC-211	E Chung	02/14 - 06/10/22
Enrollment in the above class requires first enrolling in MAT-136-33930.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>MAT-105</b> Corequisite Support for Math 5 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.)								
33893	MAT-105	Lecture	2	MW	10:15AM-11:25AM	LIBR-108	J Frewing	02/14 - 06/10/22
Enrolling in the above course will require enrolling in MAT-5-33966.								
<b>MAT-112</b> Corequisite Support for Math 12 Prerequisite: Qualifying 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 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)								
33898	MAT-112	Lecture	2	MW	11:10AM-12:20PM	ATEC-211	C Hutchings	02/14 - 06/10/22
Enrollment in the above class requires first enrolling in MAT-12-33921.								
33899	MAT-112	Lecture	2	MW	02:30PM-03:40PM	ATEC-211	C Hutchings	02/14 - 06/10/22
Enrollment in the above class requires first enrolling in MAT-12-33922.								
33900	MAT-112	Lecture	2	Th	10:20AM-12:40PM	LIBR-108	A Robles	02/14 - 06/10/22
Enrollment in the above class requires first enrolling in MAT-12-33923.								
<b>MAT-125</b> Corequisite Support for Mat-25 All students qualify to take MAT-125 through qualifying placement. 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)								
33928	MAT-125	Lecture	2	TTh	09:40AM-10:50AM	ATEC-211	C Hutchings	02/14 - 06/10/22
Enrollment in the above class requires first enrolling in MAT-25-33947.								
<b>MAT-136</b> 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.)								
33930	MAT-136	Lecture	2	TTh	02:00PM-03:10PM	ATEC-211	E Chung	02/14 - 06/10/22
Enrolling in the above course will require enrolling in MAT-36-33963.								
<b>MUSIC</b>								
<b>MUS-3</b> 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)								
33993	MUS-3	Lecture	4	TTh	09:40AM-11:05AM	HUM-101	Z Shehata	02/14 - 06/10/22
		Lab		TTh	11:15AM-12:40PM	HUM-101		02/14 - 06/10/22
<b>MUS-19</b> 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)								
33982	MUS-19	Lecture	3			ON-LINE	I Zubizarreta	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33983	MUS-19	Lecture	3			ON-LINE	K Kamerin	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33985	MUS-19	Lecture	3			ON-LINE	S Son	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
33986	MUS-19	Lecture	3	MW	08:00AM-09:25AM	JFK-106	T Walton	02/14 - 06/10/22
The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.								
33987	MUS-19	Lecture	3	TTh	08:00AM-09:25AM	JFK-106	E Kim	02/14 - 06/10/22
The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.								
33988	MUS-19	Lecture	3	MW	09:35AM-11:00AM	JFK-106	N Estes	02/14 - 06/10/22
The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.								
34241	MUS-19	Lecture	3	TTh	09:35AM-11:00AM	JFK-106	M Hawkes	02/14 - 06/10/22
The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.								
<b>MUS-23</b> History of Rock and Roll Prerequisite: None Description: A comprehensive study of rock and roll music from its origins to the present with an emphasis on the historical, musical, and sociological influences. Includes listening to music and identifying stylistic trends and influential artists. 54 hours lecture. (Letter grade only)								
33989	MUS-23	Lecture	3			ON-LINE	K Kamerin	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
33991	MUS-23	Lecture	3			ON-LINE	N Pirozzi	02/14 - 06/10/22
The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
34242	MUS-23	Lecture	3	TTh	03:00PM-04:30PM	ERHS-E102	C Kelly	02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
<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)								
33992	MUS-25	Lecture	3			ON-LINE	T Walton	02/14 - 06/10/22
<b>MUS-32A Class Piano I</b>								
Prerequisite: None Description: This beginning course focuses on developing the skills needed for performing on piano, including reading from music notation, rhythm study, technique, expression, improvisation, harmonization, transposition, repertoire and style study. 54 hours laboratory. (Letter grade only)								
33995	MUS-32A	Lab	1	MW	12:45PM-02:10PM	HUM-101	N Pirozzi	02/14 - 06/10/22
<b>MUS-32B Class Piano II</b>								
Prerequisite: MUS-32A or the equivalent Description: Continuation of the skills studied in MUS 32A with a focus on techniques needed for performing on piano, including playing select major and parallel minor scales, reading music on the grand staff, tapping rhythms, harmonizing melodies using simple accompaniments, transposing, and simple score reading. 54 hours laboratory. (Letter grade only)								
33996	MUS-32B	Lab	1	MW	12:45PM-02:10PM	HUM-101	N Pirozzi	02/14 - 06/10/22
<b>MUS-32C Class Piano III</b>								
Prerequisite: MUS-32B or the equivalent Description: Continuation of the skills studied in MUS 32B with a focus on keyboard techniques required for playing major and minor scales, diatonic chord progressions, harmonizing melodies, transposing, accompanying, score reading, reading chord symbols, sight reading, and performance of intermediate-level piano learning pieces. 54 hours laboratory. (Letter grade only)								
33998	MUS-32C	Lab	1	MW	12:45PM-02:10PM	HUM-101	N Pirozzi	02/14 - 06/10/22
<b>MUS-32D Class Piano IV</b>								
Prerequisite: MUS-32C or the equivalent Description: Culmination of keyboard skills previously studied with a focus on increasing keyboard facility for playing major and minor scales and arpeggios, diatonic chord progressions, harmonizing melodies, modulating, transposing, accompanying, simple score reading, sight reading and performance of piano pieces from the standard classical piano teaching literature. 54 hours laboratory. (Letter grade only)								
34000	MUS-32D	Lab	1	MW	12:45PM-02:10PM	HUM-101	N Pirozzi	02/14 - 06/10/22
<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)								
34003	MUS-38	Lab	2				K Kamerin	02/14 - 06/10/22
This course offers private study in voice, piano, guitar, bass, or drums. The first meeting is Thursday, February 17th, 1:00 pm-1:50 pm in THTR101. An audition is required. All lesson times will be arranged with your private instructor. In addition to 6 hours of concert attendance with reports, students must log approximately 6.5 hours per week in the Norco Music Practice Facilities. For more information, contact Professor Kamerin at kim.kamerin@norccollege.edu or 951-738-7703.								
<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.								
34004	MUS-39	Lab	3				K Kamerin	02/14 - 06/10/22
This course offers private study in voice, piano, guitar, bass, or drums. The first meeting is Thursday, February 17th, 1:00 pm-1:50 pm in THTR101. An audition is required. All lesson times will be arranged with your private instructor. In addition to 6 hours of concert attendance with reports, students must log approximately 9.5 hours per week in the Norco Music Practice Facilities. For more information, contact Professor Kamerin at kim.kamerin@norccollege.edu or 951-738-7703.								
<b>MUS-70 Guitar Lab Ensemble</b>								
Prerequisite: MUS-37 Limitation on enrollment: Audition on or before first class meeting Description: Study and performance of beginning and intermediate literature for guitar ensemble. May be taken a total of four times. 54 hours laboratory.								
34009	MUS-70	Lab	1	MW	06:15PM-07:30PM	THTR-204	B Palispis	02/14 - 06/10/22
The above section is a web-enhanced class. Internet access is required.								
<b>MUS-P70 Guitar Lab Ensemble II</b>								
Prerequisite: None Limitation on enrollment: Audition on or before the first class meeting Description: Advanced guitar ensemble instruction for students who are proficient performers. Ensemble dedicated to the study, rehearsal, and performance of advanced literature written or transcribed for classical guitar ensemble. Different literature will be studied each semester. Participation in public performances required. May be taken a total of four times. 54 hours laboratory.								
34017	MUS-P70	Lab	1	MW	06:15PM-07:30PM	THTR-204	B Palispis	02/14 - 06/10/22
<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)								
34011	MUS-78	Lab	2				K Kamerin	02/14 - 06/10/22
This course offers private study in voice, piano, guitar, bass, or drums. The first meeting is Thursday, February 17th, 1:00 pm-1:50 pm in THTR101. An audition is required. All lesson times will be arranged with your private instructor. In addition to 6 hours of concert attendance with reports, students must log approximately 6.5 hours per week in the Norco Music Practice Facilities. For more information, contact Professor Kamerin at kim.kamerin@norccollege.edu or 951-738-7703.								
<b>MUS-79 Applied Music II</b>								
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.								
34012	MUS-79	Lab	3				K Kamerin	02/14 - 06/10/22
This course offers private study in voice, piano, guitar, bass, or drums. The first meeting is Thursday, February 17th, 1:00 pm-1:50 pm in THTR101. An audition is required. All lesson times will be arranged with your private instructor. In addition to 6 hours of concert attendance with reports, students must log approximately 9.5 hours per week in the Norco Music Practice Facilities. For more information, contact Professor Kamerin at kim.kamerin@norccollege.edu or 951-738-7703.								
<b>MUS-89 Music of Multicultural America</b>								
Prerequisite: None. Description: A comparative and integrative study of the multicultural musical styles of the United States. Includes the musics of Native Americans, European Americans, African Americans, Chicano/Latino Americans, and Asian Americans, from their historical roots to the present. Analysis of musical traditions from a technical and a								



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
cultural perspective; and sequential development of listening and descriptive skills through a variety of media including films, recordings, and computer-assisted instruction. 54 hours lecture. Letter Grade.								
34014	MUS-89	Lecture	3			ON-LINE	I Zubizarreta	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

MUS-93		The Business of Music						
Prerequisite: None. Description: An overview of the business side of performing, recording, and publishing music. Study of contracts, trademarks, copyrights, and marketing including the roles of personal managers, business managers, attorneys, and agents. Overview of songwriting, publishing, recordings, and royalties. Basics of touring, merchandising, and local arrangements. 54 hours lecture. Letter grade.								
34016	MUS-93	Lecture	3	MW	12:45PM-02:10PM	IT-109	S Orozco	02/14 - 06/10/22

## MUSIC INDUSTRY STUDIES

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.								
33971	MIS-1A	Lab	2	F	01:00PM-05:30PM	THTR-204		02/14 - 06/10/22
		Lab		W	02:30PM-04:20PM	THTR-204	B Kerr	02/14 - 06/10/22

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.								
33973	MIS-1B	Lab	2	F	01:00PM-05:30PM	THTR-204		02/14 - 06/10/22
		Lab		W	02:30PM-04:20PM	THTR-204	B Kerr	02/14 - 06/10/22

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.								
33975	MIS-1C	Lab	2	F	01:00PM-05:30PM	THTR-204		02/14 - 06/10/22
		Lab		W	02:30PM-04:20PM	THTR-204	B Kerr	02/14 - 06/10/22

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.								
33977	MIS-2	Lecture	2	T	02:00PM-03:05PM	HUM-101	B Kerr	02/14 - 06/10/22
		Lab		T	03:15PM-04:20PM	HUM-101		02/14 - 06/10/22
		Lab		Th	02:00PM-04:10PM	HUM-101		02/14 - 06/10/22

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.								
33978	MIS-3	Lecture	4			ON-LINE	M Snyder	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22

The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

MIS-4		Digital Audio Production 2						
Prerequisite: MIS-3 Description: This intermediate course continues exploration and application of the elements and techniques of electronic music production. Topics include synthesis, sampling, MIDI sequencing and advanced audio production. Students will create original compositions using electronic music techniques. Students taking this course will complete the official AVID coursework for Pro Tools 201 and 210 and will have the opportunity to obtain AVID Pro Tools Operator Certification. 54 hours lecture and 54 hours laboratory.								
33979	MIS-4	Lecture	4	TTh	06:30PM-07:55PM	IT-106	S Orozco	02/14 - 06/10/22
		Lab		TTh	08:05PM-09:30PM	IT-106		02/14 - 06/10/22

MIS-7	Introduction To Music Technology						
Prerequisite: None Description: This introductory course examines the terminology, equipment, techniques, and concepts related to music technology. The course will survey the principles and practices of audio, MIDI synthesis, notation, and audio recording utilizing hardware and software platforms. 36 hours lecture and 54 hours laboratory.							
33980	MIS-7	Lecture	3		ON-LINE	M Snyder	02/14 - 06/10/22
		Lab			ON-LINE		02/14 - 06/10/22

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.								
33970	MIS-13	Lecture	3	T	09:30AM-10:20AM	IT-106	B Kerr	02/14 - 06/10/22
				Th	09:30AM-10:35AM	IT-106		02/14 - 06/10/22
		Lab		TTh	10:45AM-12:10PM	IT-106		02/14 - 06/10/22

## 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.								
34018	PHI-10	Lecture	3			ON-LINE	J Sentmanat	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								

34021	PHI-10	Lecture	3			ON-LINE	J Sentmanat	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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.								
34023	PHI-11	Lecture	3			ON-LINE	M Murphey	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

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.								
34026	PHI-12	Lecture	3			ON-LINE	J Sentmanat	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								

PHI-35		Philosophy of Religion						
Prerequisite: None Advisory: PHI-10 or PHI-11 Description: An introduction to the examination of religious claims from a philosophical perspective. Emphasis will be placed upon examining the rational justification for various traditional faith claims, and upon examining the relationship between rationality and faith. The course presumes a basic knowledge of philosophical argumentation. 54 hours lecture.								
34197	PHI-35	Lecture	3	MW	12:45PM-02:10PM	WEQ-W6B	J Sentmanat	02/14 - 06/10/22

## 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 a digital camera 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. (Letter grade only)								
34028	PHO-20	Lecture	3			ON-LINE	L Lavitt	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								

## 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.								
34029	PHS-1	Lecture	3	TTh	08:00AM-09:25AM	ATEC-205	A Roy	02/14 - 06/10/22

## 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 Newton's 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)								
34033	PHY-2A	Lecture	4	TTh	11:15AM-12:40PM	IT-108	L Owens	02/14 - 06/10/22
		Lab		Th	02:00PM-05:10PM	HUM-201		02/14 - 06/10/22

PHY-2B		General Physics II						
Prerequisite: PHY-2A Description: Meets the requirements for students majoring in biological science, including pre-medical and pre-dental students. This course includes: study of thermodynamics, including temperature, methods of heat transfer, calorimetry, ideal gas law, laws of thermodynamics, entropy, and heat engines; study of electricity and magnetism, including electric field and potential, Gauss Law, current, Ohm's Law, capacitance and inductance, Faraday's Law; study of optics, including electromagnetic waves, reflection, refraction, interference, and diffraction; study of modern physics, including the photoelectric effect, de Broglie wavelength, quantum numbers, and radioactive decay. 54 hours lecture and 54 hours laboratory. (Letter grade or Pass/No Pass option)								
34279	PHY-2B	Lecture	4	TTh	08:00AM-09:25AM	HUM-102	L Owens	02/14 - 06/10/22
		Lab		T	02:00PM-05:10PM	HUM-201		02/14 - 06/10/22

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)								
34034	PHY-4A	Lecture	4	MW	09:15AM-10:40AM	IT-110	A Roy	02/14 - 06/10/22
		Lab		W	01:00PM-04:10PM	HUM-201		02/14 - 06/10/22
34036	PHY-4A	Lecture	4	F	09:00AM-12:10PM	IT-117	O Tripathi	02/14 - 06/10/22
		Lab		F	01:00PM-04:10PM	HUM-201		02/14 - 06/10/22
34037	PHY-4A	Lecture	4	MW	04:10PM-05:35PM	IT-206	A Roy	02/14 - 06/10/22
		Lab		T	09:40AM-12:50PM	HUM-201		02/14 - 06/10/22

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)								
34038	PHY-4B	Lecture	4	MW	11:10AM-12:35PM	STEM-201	L Owens	02/14 - 06/10/22
		Lab		M	01:00PM-04:10PM	HUM-201		02/14 - 06/10/22
34039	PHY-4B	Lecture	4	MW	04:10PM-05:35PM	STEM-201	D Seidel	02/14 - 06/10/22
		Lab		M	06:00PM-09:10PM	HUM-201		02/14 - 06/10/22
34375	PHY-4B	Lecture	4	MW	04:15PM-05:40PM	IT-208	A Moussaoui	02/14 - 06/10/22
		Lab		W	06:00PM-09:10PM	HUM-201		02/14 - 06/10/22

PHY-4C		Heat, Light and Waves						
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. (Letter grade)								
34280	PHY-4C	Lecture	4	TTh	08:00AM-09:25AM	HUM-201	K Yamaguchi	02/14 - 06/10/22
		Lab		Th	09:40AM-12:50PM	HUM-201		02/14 - 06/10/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
PHY-10		Introduction to General Physics						
Prerequisite: None. Description: A non-science major physics course covering mechanics, properties of matter, heat, sound, light, electricity and magnetism, and nuclear physics. 54 hours lecture. (Letter grade only)								
34032	PHY-10	Lecture	3			ON-LINE	O Tripathi	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

## POLITICAL SCIENCE

POL-1		American Politics						
Prerequisite: None. Description: An introduction to the principles, structures, processes, and culture that inform American politics. Specific focus is placed on the development of the Constitution, the government it engenders, the development of the American polity, the formation of policy, and the connections between the national government and California's government. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture. (Letter grade only)								
34040	POL-1	Lecture	3	MW	11:10AM-12:35PM	IT-122	S Popiden	02/14 - 06/10/22
34041	POL-1	Lecture	3			ON-LINE	S Popiden	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34043	POL-1	Lecture	3			ON-LINE	S Popiden	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34044	POL-1	Lecture	3			ON-LINE	S Popiden	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34045	POL-1	Lecture	3			ON-LINE	A Yanez	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34047	POL-1	Lecture	3			ON-LINE	A Yanez	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34050	POL-1	Lecture	3			ON-LINE	J Hunt	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34051	POL-1	Lecture	3			ON-LINE	A Yanez	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34053	POL-1	Lecture	3			ON-LINE	M Shadia	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34330	POL-1	Lecture	3			CAVA-ONLN	E Walker	02/14 - 06/10/22
The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only. The section is an online class. Computer internet access required. See www.rccd.edu/de								
34376	POL-1	Lecture	3			ON-LINE	S Popiden	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
34377	POL-1	Lecture	3			ON-LINE	S Popiden	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
34416	POL-1	Lecture	3	MW	11:25AM-12:25PM	HUM-102	R Brown	04/18 - 06/10/22
ON-LINE								
The above section is a short term hybrid class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								

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)								
34209	POL-1H	Lecture	3	MW	12:45PM-02:10PM	IT-208	A Yanez	02/14 - 06/10/22
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 student's understanding of the nature and variety of political systems. Course topics will include a study of varying institutions, political cultures, identities, issues and policies of case study countries. Students may not receive credit for both POL-2 and POL-2H. 54 hours lecture. (Letter grade only)								
34057	POL-2	Lecture	3	TTh	02:30PM-03:55PM	IT-122	E Walker	02/14 - 06/10/22
POL-11		Political Theory						
Prerequisite: None 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. (Letter grade only)								
34055	POL-11	Lecture	3	TTh	11:15AM-12:40PM	IT-122	A Yanez	02/14 - 06/10/22
POL-13		Introduction American Foreign Policy						
Prerequisite: None Advisory: Qualification for ENG-1A Description: The goal of this course is to provide students with comprehensive and critical coverage of U.S. foreign policy since W.W.II. Through a coherent chronological narrative, the course traces the evolution of U.S. foreign policy from its assumption of world leadership during and after World War II to its present concerns with sprouting democracies, a militarized policy, and global economic and political interdependence. 54 hours lecture.								
34056	POL-13	Lecture	3			ON-LINE	C Jun	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

POL-21		Latinx Politics						
Prerequisite: None. Description: An examination of United States structures of political, social, and economic power from the history and experiences of the Latinx population. Students will survey demographic research on the diversity of Latinx identity and political behavior in in the U.S. as well as the institutional relationship that Latinx groups have established and challenge within the U.S. political system. Students will also analyze the political relationship Latinx groups have with the U.S. Constitution and civil society organizations. 54 hours lecture. (Letter grade only)								
34203	POL-21	Lecture	3			ON-LINE	P Flor	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34432	POL-21	Lecture	3			ON-LINE	J Hunt	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
POL-23		Race, Ethnicity and Politics in America						
Prerequisite: None. Description: An examination of United States institutions of social, political and economic power from the history and experiences of minoritized populations such as African Americans, Latinas/os, Native Americans, Women, Asian Americans, and Immigrants. Students will analyze the U.S. Constitution as well the legislative, executive and judicial branches of governance with regard to citizenship, pluralism, and civil rights and liberties. Other emphases will be on diverse forms of political participation and how it influences U.S. institutions at the local, state and federal levels in movements towards achieving social justice. 54 hours lecture. (Letter grade only)								
34204	POL-23	Lecture	3			ON-LINE	P Flor	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34205	POL-23	Lecture	3			ON-LINE	P Flor	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34206	POL-23	Lecture	3			ON-LINE	J Hunt	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

## PSYCHOLOGY

PSY-1		General Psychology						
Prerequisite: None. 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. 54 hours lecture. Letter grade								
34059	PSY-1	Lecture	3	MW	12:45PM-02:10PM	IT-122	R Sulman	02/14 - 06/10/22
34060	PSY-1	Lecture	3			ON-LINE	R Webb	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34061	PSY-1	Lecture	3			ON-LINE	T Caddell	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34064	PSY-1	Lecture	3			ON-LINE	W Holmquist	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34065	PSY-1	Lecture	3			ON-LINE	B Adams	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34067	PSY-1	Lecture	3	TTh	09:40AM-11:05AM	STEM-302	G Curasi	02/14 - 06/10/22
34068	PSY-1	Lecture	3			ON-LINE	T Caddell	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34335	PSY-1	Lecture	3	T	12:15PM-01:40PM	JVHS-A-19	C Rios Rios	02/14 - 06/10/22
				Th	12:45PM-02:10PM	JVHS-A-19		02/14 - 06/10/22
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
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, 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.								
34071	PSY-2	Lecture	3			ON-LINE	L Adams	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34072	PSY-2	Lecture	3			ON-LINE	L Adams	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34073	PSY-2	Lecture	3			ON-LINE	L Adams	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
PSY-8		Social Psychology						
Prerequisite: None. Description: An introduction to the study of individual human behavior in relation to the social environment. It includes emphasized topics such as aggression, prejudice, interpersonal attraction, attitude change, gender roles, and social cognition. Letter grade.								
34079	PSY-8	Lecture	3	TTh	11:15AM-12:40PM	STEM-201	G Curasi	02/14 - 06/10/22
34081	PSY-8	Lecture	3	MW	03:00PM-04:25PM	ERHS-C201	R Sulman	02/14 - 06/10/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
34411	PSY-8	Lecture	3			ON-LINE	G Curasi	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
PSY-9		Developmental Psychology						
Prerequisite: None Description: Examines the prevailing theories and research of developmental psychology and the stages of human development from conception to death. 54 Lecture hours, Letter grade.								
34083	PSY-9	Lecture	3			ON-LINE	K Zamiska	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34085	PSY-9	Lecture	3	MW	11:15AM-12:40PM	IT-202	G Curasi	02/14 - 06/10/22
34088	PSY-9	Lecture	3			ON-LINE	V Agars	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34089	PSY-9	Lecture	3			ON-LINE	V Agars	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34090	PSY-9	Lecture	3			ON-LINE	J Hicks	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34334	PSY-9	Lecture	3			ON-LINE	R Webb	02/14 - 06/10/22
The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program.								
PSY-35		Abnormal Psychology						
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)								
34074	PSY-35	Lecture	3	TTh	02:30PM-03:55PM	IT-202	J Heumann	02/14 - 06/10/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
PSY-48		Statistics for the Behavioral Sciences						
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.								
34351	PSY-48	Lecture	3			ON-LINE	L Adams	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34431	PSY-48	Lecture	3			ON-LINE	L Adams	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
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.								
34077	PSY-50	Lecture	4			ON-LINE	K Zamiska	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34078	PSY-50	Lecture	4	MW	12:45PM-02:35PM	IT-202	K Zamiska	02/14 - 06/10/22
		Lab		M	11:00AM-12:25PM	IT-106		02/14 - 06/10/22
34230	PSY-50	Lecture	4			ON-LINE	K Zamiska	02/14 - 06/10/22
		Lab		Th	06:00PM-07:35PM	IT-125		02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
34368	PSY-50	Lecture	4			ON-LINE	K Zamiska	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

## REAL ESTATE

RLE-80		Real Estate Principles						
Prerequisite: None. Description: The real estate principles course covers basic laws and principles of California real estate; fundamentals, terminology, concepts, current practices and current market trends in real estate. Assists those preparing for the real estate sales person and broker license examination. 54 hours lecture. Letter grade.								
34094	RLE-80	Lecture	3			ON-LINE	L Namazi	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34095	RLE-80	Lecture	3			ON-LINE	L Namazi	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
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, advertising, financing, sales techniques, escrow and ethics. Applies toward state's educational requirements for the brokers examination. 54 hours lecture.								
34096	RLE-81	Lecture	3			ON-LINE	L Namazi	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34097	RLE-81	Lecture	3			ON-LINE	J Gonzalez	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
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.								
34098	RLE-82	Lecture	3			ON-LINE	J Alpay	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34099	RLE-82	Lecture	3			ON-LINE	J Alpay	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
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.								
34100	RLE-83	Lecture	3			ON-LINE	S Doll	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34101	RLE-83	Lecture	3			ON-LINE	S Doll	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
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.								
34102	RLE-85	Lecture	3			ON-LINE	S Doll	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								

## SOCIOLOGY

SOC-1		Introduction to Sociology						
Prerequisite: None. Advisory: ENG-50 or ENG-80 or qualifying placement. Description: An introduction to the basic concepts relating to the study of society. 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. (Letter grade only)								
34104	SOC-1	Lecture	3			ON-LINE	J Hill	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
34105	SOC-1	Lecture	3			ON-LINE	J Hill	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34106	SOC-1	Lecture	3	MW	09:15AM-10:40AM	IT-109	F Vu	02/14 - 06/10/22
34109	SOC-1	Lecture	3			ON-LINE	J Hill	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34111	SOC-1	Lecture	3			ON-LINE	J Hill	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34113	SOC-1	Lecture	3			ON-LINE	J Hill	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34117	SOC-1	Lecture	3	MW	12:15PM-01:40PM	JVHS-A-19	I Jraisat	02/14 - 06/10/22
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
<b>SOC-2 American Social Problems</b>								
Prerequisite: None Description: Identification and analysis of major social issues confronting contemporary 21st century America; emphasizing, among other topics, urban and rural transformations, family life, race and ethnic relations, gender, sexual orientation, criminal and delinquent behavior. 54 hours lecture. (Letter grade only)								
34122	SOC-2	Lecture	3	TTh	02:30PM-03:55PM	WEQ-W6B	A Perry	02/14 - 06/10/22
<b>SOC-3 Social Inequality</b>								
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)								
34125	SOC-3	Lecture	3			ON-LINE	M McKail	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
<b>SOC-10 Race And Ethnic Relations</b>								
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)								
34163	SOC-10	Lecture	3			CAVA-ONLN	B Rodriguez	02/14 - 06/10/22
The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only. The section is an online class. Computer internet access required. See www.rccd.edu/de								
34420	SOC-10	Lecture	3			ON-LINE	J Hill	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
<b>SOC-10H Honors Race and Ethnic Relations</b>								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Acceptance in the Honors Program. 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, 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. 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 SOC-10 and 10H. 54 hours lecture. (Letter grade only)								
34291	SOC-10H	Lecture	3	TTh	11:15AM-12:40PM	ATEC-205	A Perry	02/14 - 06/10/22
<b>SOC-12 Marriage and Family Relations</b>								
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)								
34120	SOC-12	Lecture	3			ON-LINE	J Hill	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
<b>SOC-15 Introduction to Women's Studies</b>								
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.								
34121	SOC-15	Lecture	3			ON-LINE	M Ysais	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
<b>SOC-20 Introduction to Criminology</b>								
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)								
34124	SOC-20	Lecture	3			ON-LINE	J Hill	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

## SPANISH

<b>SPA-1 Spanish 1</b>								
Prerequisite: None Advisory: Completion of placement test to assess level of proficiency in Spanish. Description: Develops basic skills in listening, reading, speaking and writing. Emphasis on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. Includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)								
34127	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	A Vargas Barragan	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34128	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	A Lomeli Gomez	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
34129	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	N Guillen	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34130	SPA-1	Lecture Lab	5	MW	11:00AM-01:30PM	LIBR-121 ON-LINE ON-LINE	V Hernandez Mancera	02/14 - 04/09/22 02/14 - 04/09/22 02/14 - 04/09/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
34131	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	L Rosales	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34132	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	M Romera Alvarez	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34227	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	M Godinez Davila	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34452	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	D Hitchcock	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
SPA-2 Spanish 2 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.)								
34134	SPA-2	Lecture Lab	5			ON-LINE ON-LINE	D Hitchcock	04/18 - 06/10/22 04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
34135	SPA-2	Lecture Lab	5			ON-LINE ON-LINE	A Covarrubias	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
34223	SPA-2	Lecture Lab	5			ON-LINE ON-LINE	A Covarrubias	02/14 - 06/10/22 02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
SPA-3 Spanish 3 Prerequisite: SPA-2 or SPA-2H or qualifying placement level on the Spanish assessment test or the equivalent Description: Development of intermediate skills in listening, reading, speaking and writing. A continued emphasis on the acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written Spanish at the intermediate level. 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.)								
34136	SPA-3	Lecture Lab	5	Th	09:40AM-12:10PM	IT-208 ON-LINE ON-LINE	A Covarrubias	02/14 - 06/10/22 02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
SPA-4 Spanish 4 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.)								
34137	SPA-4	Lecture Lab	5	T	06:00PM-08:30PM	IT-111 ON-LINE ON-LINE	I Vejar	02/14 - 06/10/22 02/14 - 06/10/22 02/14 - 06/10/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
SPA-8 Intermediate Conversation 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.)								
34138	SPA-8	Lecture	3			ON-LINE	I Vejar	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								

## 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.								
34139	THE-3	Lecture	3			ON-LINE	W Stevens	02/14 - 06/10/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
34141	THE-3	Lecture	3			ON-LINE	W Stevens	02/14 - 04/09/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								
34259	THE-3	Lecture	3			ON-LINE	W Stevens	04/18 - 06/10/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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## 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).

34144 WKX-200	Lecture	1				ON-LINE	E Doucette	02/14 - 06/10/22
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The above section is an online class restricted to apprenticeship program students. Computer with Internet access required (see [www.rccd.edu/de](http://www.rccd.edu/de)). 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.

34145 WKX-200	Lecture	1				ON-LINE	R Wolfer	02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required (see [www.rccd.edu/de](http://www.rccd.edu/de)). 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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### ACADEMIC LITERACY AND READING

ALR-887 Reading Clinic

Prerequisite: None Description: This self-paced course provides practice on individually prescribed learning plans designed to improve and develop reading skills. Instruction is provided on an individualized basis through conferences with the student. Subsequent enrollment in the course will provide the student further opportunities for additional skill and competency development within the subject matter. May be taken a total of four times. 27 hours laboratory. (Non-credit course.)

34434	ALR-887	Lab	0	T	11:15AM-12:45PM	LIBR-LRC	M Sloniger	02/14 - 06/10/22
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Students who enroll in the above section will work with the ALR-887 instructor in the Learning Resources Center. Canvas and other technologies may be required to complete coursework.

34435	ALR-887	Lab	0	W	10:00AM-11:30AM	LIBR-LRC	M Sloniger	02/14 - 06/10/22
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Students who enroll in the above section will work with the ALR-887 instructor in the Learning Resources Center. Canvas and other technologies may be required to complete coursework.

### ACCOUNTING

ACC-801 Setting Up Quickbooks for Small Business

Prerequisite: None Course Credit Recommendation: Non-Credit Description: Learn the basics of small business bookkeeping using QuickBooks, financial reporting, and how to analyze and record financial transactions. Discusses accounts receivable, accounts payable, payroll procedures, sales taxes and common banking activities. 16 hours lecture. (Pass/No Pass only)

34449	ACC-801	Lecture	0					03/21 - 04/08/22
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					ON-LINE	N Ildefonso		03/21 - 04/08/22
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The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.

ACC-802 Monthly Procedures Using Quickbooks

Prerequisite: None Course Credit Recommendation: Non-Credit Description: Develop and apply monthly procedures used in accounting for small business. Continue to build small business accounting knowledge, gain practical experience working with day to day transactions. Reconcile balance sheet accounts and examine/audit income statement accounts on a monthly basis. Prepare adjusting journal entries. Prepare financial statements. 16 hours lecture. (Pass/No Pass only)

34450	ACC-802	Lecture	0					04/18 - 05/06/22
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					ON-LINE	N Ildefonso		04/18 - 05/06/22
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The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.

ACC-803 Year End Procedures With Quickbooks

Prerequisite: None Course Credit Recommendation: Non-Credit Description: Develop and apply year end procedures used in accounting for small business using QuickBooks. Prepare closing journal entries for year end. Prepare reports for tax accountants. Purge files and prepare for the new year. 16 hours lecture. (Pass/No Pass only)

34451	ACC-803	Lecture	0					05/09 - 05/27/22
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					ON-LINE	N Ildefonso		05/09 - 05/27/22
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The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.

### 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)

34171	ESL-846	Lecture	0					02/28 - 06/10/22
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The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note the start and end dates.

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)

34172	ESL-847	Lecture	0					02/14 - 06/10/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

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.

34189	ESL-848	Lecture	0	M	06:30PM-08:30PM	IT-211	D Tougas	02/14 - 06/10/22
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		Lab		M	08:40PM-09:30PM	IT-211		02/14 - 06/10/22
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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.

34191	ESL-849	Lecture	0	MW	09:15AM-10:50AM	IT-211	M Shirinian	02/14 - 06/10/22
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		Lab			ON-LINE			02/14 - 06/10/22
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The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
34193	ESL-850	Lecture	0			ON-LINE	M Shirinian	02/28 - 06/10/22
		Lab				ON-LINE		02/28 - 06/10/22

The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

## INTERDISCIPLINARY STUDIES

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.)								
34327	ILA-800	Lab	0			LIBR-LRC	M Sloniger	02/14 - 06/10/22
		Lab				ON-LINE		02/14 - 06/10/22

## PROFES. DEVELOPMENT STUDIES

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)								
34361	PDS-808	Lecture	0			ON-LINE	R Wolfer	04/25 - 05/13/22
This section is part of the Workplace Essentials certificate. It is encouraged for students to also enroll in PDS-809-34362, PDS-810-34363 and PDS-812-34364 to complete the certificate.								

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)								
34362	PDS-809	Lecture	0			ON-LINE	R Wolfer	04/25 - 05/13/22
This section is part of the Workplace Essentials certificate. It is encouraged for students to also enroll in PDS-808-34361, PDS-810-34363 and PDS-812-34364 to complete the certificate.								

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)								
34363	PDS-810	Lecture	0			ON-LINE	V Mixson	05/16 - 06/03/22
This section is part of the Workplace Essentials certificate. It is encouraged for students to also enroll in PDS-808-34361, PDS-809-34362 and PDS-812-34364 to complete the certificate.								

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)								
34364	PDS-812	Lecture	0			ON-LINE	R Wolfer	05/16 - 06/03/22
This section is part of the Workplace Essentials certificate. It is encouraged for students to also enroll in PDS-808-34361 PDS-809-34362 and PDS-810-34363 to complete the certificate.								