

# Norco College - Spring 2023 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 Description)  
**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)

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### Credit Classes

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>ACCOUNTING</b>									
ACC-1A	Principles of Accounting I								
Prerequisite: None Advisory: BUS-20 Description: An introduction to accounting principles and practice, as a manual and/or computerized information system that provides and interprets economic data for economic units within a global society. Includes recording, analyzing, and summarizing procedures used in preparing financial statements. 54 hours lecture. (Letter grade only)									
34464	ACC-1A	Lecture		3	M	06:00PM-09:10PM	IT-109 ON-LINE	P Worsham	02/13 - 04/07/23 02/13 - 04/07/23
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.									
34465	ACC-1A	Lecture		3			ON-LINE	P Worsham	02/13 - 04/07/23
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.									
34466	ACC-1A	Lecture		3			ON-LINE	D White	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34467	ACC-1A	Lecture		3	TTh	09:40AM-11:05AM	STEM-201 ON-LINE	D White	02/13 - 04/07/23 02/13 - 04/07/23
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.									
34468	ACC-1A	Lecture		3			ON-LINE	P Worsham	04/17 - 06/09/23
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#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34471	ACC-1A	Lecture		3			ON-LINE	P Worsham	02/13 - 04/07/23
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.									
34472	ACC-1A	Lecture		3			ON-LINE	D White	02/13 - 04/07/23
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)									
34473	ACC-1B	Lecture		3			ON-LINE	D White	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
34474	ACC-1B	Lecture		3	M	06:00PM-09:35PM	IT-109	P Worsham	04/17 - 06/09/23
ON-LINE 04/17 - 06/09/23									
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.									
34475	ACC-1B	Lecture		3			ON-LINE	D White	02/13 - 04/07/23
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.									
34476	ACC-1B	Lecture		3			ON-LINE	P Worsham	04/17 - 06/09/23
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.									
34477	ACC-1B	Lecture		3	TTh	09:40AM-11:05AM	STEM-201	D White	04/17 - 06/09/23
ON-LINE 04/17 - 06/09/23									
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.									
34479	ACC-1B	Lecture		3			ON-LINE	D White	04/17 - 06/09/23
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-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)									
34481	ACC-62	Lecture		3			ON-LINE	P Worsham	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
<b>ACC-65 Quickbooks Accounting</b>									
Prerequisite: ACC-1A or ACC-55 Advisory: CIS-1A or CIS-3 Description: An introduction to QuickBooks Accounting Software, which integrates accounting principles, transactions, and events using their automated system relating to both service and merchandising companies. Students learn to record and process accounting transactions and events using up-to-date software that prepares them for actual situations that relate to the creation of a company, working with customers and vendors, posting sales receipts and payments, managing inventory and budgets, as well as customizing and extending QuickBooks software capabilities. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
34482	ACC-65	Lecture		3			ON-LINE	A Syed	04/17 - 06/09/23
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)									
34483	ACC-67	Lecture		4			ON-LINE	J Muir	02/13 - 04/07/23
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.									
<b>ADMINISTRATION OF JUSTICE</b>									
<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)									
34487	ADJ-1	Lecture		3	MW	11:10AM-12:35PM	STEM-302	S Williams	02/13 - 04/07/23
ON-LINE 02/13 - 04/07/23									
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.									
34488	ADJ-1	Lecture		3			ON-LINE	M Miller	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
34489	ADJ-1	Lecture		3			ON-LINE	S Williams	02/13 - 06/09/23
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									
<b>ADJ-3 Concepts of Criminal Law</b>									
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)									
34499	ADJ-3	Lecture		3			ON-LINE	M Leese	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34500	ADJ-3	Lecture		3			ON-LINE	M Leese	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
<b>ADJ-4 Legal Aspects of Evidence</b>									
Prerequisite: None Description: Origin, development, philosophy and constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. 54 hours lecture. (Letter grade only)									
35558	ADJ-4	Lecture		3			ON-LINE	M Leese	02/13 - 06/09/23
<b>ADJ-5 Community Relations</b>									
Prerequisite: None Description: Examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. 54 hours lecture. (Letter grade only)									
35277	ADJ-5	Lecture		3			ON-LINE	M Miller	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
<b>ADJ-9 Law In American Society</b>									
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									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
34502	ADJ-9	Lecture		3			CUSD-ONLN	S Williams	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de This section is restricted to the CNUSD High School students participating in Norco College's Dual Enrollment Program.									
35401	ADJ-9	Lecture		3			ON-LINE	S Williams	02/13 - 06/09/23
The above section is an online class. A computer with Internet access is required. See www.rccd.edu/de Please note the start and end dates.									
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)									
34491	ADJ-12	Lecture		3			ON-LINE	L Walker	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. 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)									
34492	ADJ-13	Lecture		3	T	06:00PM-09:10PM	STEM-302	L Doyle	02/13 - 04/07/23
							ON-LINE		02/13 - 04/07/23
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.									
34493	ADJ-13	Lecture		3			ON-LINE	L Doyle	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
34494	ADJ-13	Lecture		3			ON-LINE	L Doyle	02/13 - 06/09/23
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 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)									
34495	ADJ-14	Lecture		3	T	06:00PM-09:10PM	STEM-302	L Walker	04/17 - 06/09/23
							ON-LINE		04/17 - 06/09/23
		Lab					ON-LINE		04/17 - 06/09/23
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.									
ADJ-27	Forensic and Crime Scene Photography								
Prerequisite: None Description: The theory and practice of forensic and crime scene photography, with a specific focus upon the proficiency and development of technical photography skills in legal and field environments. Students will obtain an introduction to the basic principles of photography and significant academic and technical exposure and skill-building in forensic photography, with a focus upon photographic documentation of forensic environments, including crime scene photography, injury documentation, traffic collision and property damage, evidence photography, forensic light source photography, low light/nighttime scene photography, specialized crime scene photography, and proper and lawful photographic evidence collection. A comprehensive review of academic legal knowledge regarding the rules of evidence and crime scene investigation techniques as it relates to crime scene photography. 36 hours lecture and 54 hours laboratory. (Same as PHO 27) (Letter grade only)									
35276	ADJ-27	Lecture		3	W	06:00PM-08:05PM	STEM-302	S McKay-Davis	02/13 - 06/09/23
		Lab			Th	06:00PM-09:10PM	STEM-302		02/13 - 06/09/23

## 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. (Letter grade only)									
34512	ANT-1	Lecture	LTC	3			ON-LINE	A Gray	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34513	ANT-1	Lecture	LTC	3			ON-LINE	A Gray	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34514	ANT-1	Lecture	LTC	3			ON-LINE	A Gray	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34515	ANT-1	Lecture	LTC	3			ON-LINE	A Gray	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34516	ANT-1	Lecture	LTC	3			ON-LINE	A Gray	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
34518	ANT-1	Lecture	ZTC	3	T	02:30PM-03:55PM	HUM-111	A Azevedo	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de									
35294	ANT-1	Lecture		3	MW	11:10AM-12:35PM	HUM-111	C Buchanan	02/13 - 06/09/23
35295	ANT-1	Lecture	LTC	3	TTh	11:15AM-12:40PM	HUM-111	C Buchanan	02/13 - 06/09/23
ANT-1H	Honors Physical Anthropology								
Prerequisite: None. Limitation on enrollment: Enrollment in the RCCD Honors Program Description: This honors course offers an enriched 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. (Letter grade only)									
35296	ANT-1H	Lecture	LTC	3	TTh	02:30PM-03:55PM	IT-208	C Buchanan	02/13 - 06/09/23

ANT-1L	Physical Anthropology Laboratory								
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.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34520	ANT-1L	Lab Lab		1	Th	02:30PM-03:55PM	HUM-111 ON-LINE	A Azevedo	02/13 - 06/09/23 02/13 - 06/09/23
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>									
34521	ANT-1L	Lab		1			ON-LINE	A Mejia	02/13 - 06/09/23
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>									
34522	ANT-1L	Lab		1			ON-LINE	A Mejia	02/13 - 06/09/23
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>									
ANT-2	Cultural Anthropology								
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. (Letter grade only)									
34523	ANT-2	Lecture	LTC	3	MW	02:30PM-03:55PM	HUM-111	R Rosenthal	02/13 - 06/09/23
35306	ANT-2	Lecture	LTC	3			ON-LINE	A Mejia	02/13 - 06/09/23
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>									
ANT-3	Prehistoric Cultures								
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.									
34525	ANT-3	Lecture		3			ON-LINE	C Goralski	02/13 - 06/09/23
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>									
ANT-6	Introduction to Archaeology								
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.									
34526	ANT-6	Lecture	LTC	3	MW	12:45PM-02:10PM	HUM-111	C Buchanan	02/13 - 06/09/23

## APPRENTICE

APP-450	Apprenticeship Work Experience								
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.)									
34527	APP-450	Lecture		4			ON-LINE	R Wolfer	02/13 - 06/09/23
Online classes are distance education classes with no scheduled meeting 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 <a href="mailto:CTE@norcollege.edu">CTE@norcollege.edu</a>									

## ARCHITECTURE

ARE-36	History of Architecture: Renaissance to Modern								
Prerequisite: None Description: A survey of the major movements in the form, theory and design of Western architecture and art from the Renaissance through the 20th century will be studied analyzed and interpreted in terms of religious social and political context. Particular emphasis will be placed on a comparative study of architectural monuments and architects, the sources of design, meaning of beauty, and conditions that influence the Western architectural traditions. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
34528	ARE-36	Lecture		3	W	06:30PM-09:40PM	REG-MEET	A Ghiassi	02/13 - 06/09/23
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> REG Meet courses are online classes with a regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Wednesdays 6:30 PM-9:40 PM.									
ARE-37	Architectural Design I								
Prerequisite: None Description: This course is an introduction into the use of determining factors, which revolve around the design of mankind's physical and visual environment. Emphasis is placed on two- and three-dimensional representation dealing with design composition, spatial relationships, and the use of various media for graphic communication. 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
35456	ARE-37	Lecture		3			ON-LINE	F Mirzaei	02/13 - 06/09/23
		Lab			W	02:00PM-05:05PM	ATEC-109	A Nindra	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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>									

## ART

ART-6	Art Appreciation								
Prerequisite: None Advisory: ENG-1A Description: An introductory course for the non-art major. The creative process and the diversity of style, technique and media, evident in various art forms throughout history and culture. Students may not receive credit for both ART-6 and ART-6H. 54 hours lecture. (Same as AHS-6) (Letter Grade, or Pass/No Pass option.)									
34539	ART-6	Lecture		3			ON-LINE	M Chandler	02/13 - 06/09/23
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>									
34540	ART-6	Lecture		3	MW	11:10AM-12:35PM	IT-101	M Chandler	02/13 - 06/09/23
34541	ART-6	Lecture		3			ON-LINE	M Chandler	02/13 - 06/09/23
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>									
34542	ART-6	Lecture		3			ON-LINE	C Goux	02/13 - 06/09/23
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>									
34543	ART-6	Lecture		3			ON-LINE	C Goux	02/13 - 04/07/23
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.									
34545	ART-6	Lecture		3	MW	12:45PM-02:10PM	IT-101	M Chandler	04/17 - 06/08/23
							ON-LINE		04/17 - 06/08/23
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.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35549	ART-6	Lecture		3			ON-LINE	R Dzikonski	02/13 - 06/09/23
The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program.									
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.)									
34529	ART-17	Lecture		3	T	02:00PM-02:50PM	A TEC-209	M Lindeman	02/13 - 06/09/23
		Lab			Th	02:00PM-03:05PM	A TEC-209		02/13 - 06/09/23
		Lab			T	03:00PM-05:15PM	A TEC-209		02/13 - 06/09/23
		Lab			Th	03:25PM-05:15PM	A TEC-209		02/13 - 06/09/23
35404	ART-17	Lecture		3	M	11:10AM-12:00PM	A TEC-209	M Ramin	02/13 - 06/09/23
		Lab			W	11:10AM-12:15PM	A TEC-209		02/13 - 06/09/23
		Lab			M	12:10PM-02:25PM	A TEC-209		02/13 - 06/09/23
		Lab			W	12:35PM-02:25PM	A TEC-209		02/13 - 06/09/23
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.)									
34530	ART-18	Lecture		3	T	09:35AM-10:25AM	A TEC-209	M Lindeman	02/13 - 06/09/23
		Lab			Th	09:35AM-10:40AM	A TEC-209		02/13 - 06/09/23
		Lab			T	10:35AM-12:50PM	A TEC-209		02/13 - 06/09/23
		Lab			Th	11:00AM-12:50PM	A TEC-209		02/13 - 06/09/23
ART-20	Beginning Sculpture								
Prerequisite: None Description: An introduction to the fundamentals of sculpture design and creation. A variety of materials, such as clay, wax and plaster, will be used. Additive, subtractive and construction methods for creating the sculptural pieces will be explored, as well as other traditional and contemporary forms and techniques. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)(Materials fee: \$15.00)									
35479	ART-20	Lecture		3	M	06:00PM-06:50PM	A TEC-209	D Campuzano	02/13 - 06/09/23
		Lab			W	06:00PM-07:05PM	A TEC-209		02/13 - 06/09/23
		Lab			M	07:00PM-09:10PM	A TEC-209		02/13 - 06/09/23
		Lab			W	07:25PM-09:10PM	A TEC-209		02/13 - 06/09/23
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.)									
34531	ART-22	Lecture		3			ON-LINE	M Lindeman	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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> .									
35406	ART-22	Lecture		3			IQLA-ONLN	M Lindeman	02/13 - 06/09/23
		Lab					IQLA-ONLN		02/13 - 06/09/23
The above section is restricted to students enrolled in the IQ Academy California-Los Angeles (iQLA) only. The section is an online class. Computer internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
35531	ART-22	Lecture		3			ON-LINE	M Lindeman	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
This section is restricted to the High School students participating in Norco College's Dual Enrollment Program The section is an online class. Computer internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
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.)									
34532	ART-23	Lecture		3			ON-LINE	T Le	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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>									
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)									
34533	ART-24	Lecture		3	M	02:35PM-03:25PM	A TEC-209	M Ramin	02/13 - 06/09/23
		Lab			W	02:30PM-03:35PM	A TEC-209		02/13 - 06/09/23
		Lab			M	03:35PM-05:40PM	A TEC-209		02/13 - 06/09/23
		Lab			W	03:35PM-05:40PM	A TEC-209		02/13 - 06/09/23
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.)									
34534	ART-26	Lecture		3	M	07:45AM-08:35AM	A TEC-209	T Le	02/13 - 06/09/23
		Lab			W	07:45AM-08:50AM	A TEC-209		02/13 - 06/09/23
		Lab			M	08:45AM-11:00AM	A TEC-209		02/13 - 06/09/23
		Lab			W	09:10AM-11:00AM	A TEC-209		02/13 - 06/09/23
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.)									
34535	ART-27	Lecture		3	M	07:45AM-08:35AM	A TEC-209	T Le	02/13 - 06/09/23
		Lab			W	07:45AM-08:50AM	A TEC-209		02/13 - 06/09/23
		Lab			M	08:45AM-11:00AM	A TEC-209		02/13 - 06/09/23
		Lab			W	09:10AM-11:00AM	A TEC-209		02/13 - 06/09/23

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
34536	ART-28A	Lecture		3	M	07:45AM-08:35AM	A TEC-209	T Le	02/13 - 06/09/23
					W	07:45AM-08:50AM	A TEC-209		02/13 - 06/09/23
		Lab			M	08:45AM-11:00AM	A TEC-209		02/13 - 06/09/23
		Lab			W	09:10AM-11:00AM	A TEC-209		02/13 - 06/09/23

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.)									
34538	ART-48A	Lecture		3	T	09:35AM-10:25AM	A TEC-209	M Lindeman	02/13 - 06/09/23
					Th	09:35AM-10:40AM	A TEC-209		02/13 - 06/09/23
		Lab			T	10:35AM-12:50PM	A TEC-209		02/13 - 06/09/23
		Lab			Th	11:00AM-12:50PM	A TEC-209		02/13 - 06/09/23

## 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.)									
34504	AHS-2	Lecture		3			ON-LINE	M Chandler	02/13 - 06/09/23
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> .									

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.)									
34505	AHS-6	Lecture		3			CENT-ONLN	L Lavitt	02/13 - 06/09/23
The above section is restricted to Centennial 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>									

34506	AHS-6	Lecture		3	W	07:30AM-09:20AM	ERHS-F201 ON-LINE	N Green-Hodges	02/13 - 06/09/23 02/13 - 06/09/23
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. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

35516	AHS-6	Lecture		3			ON-LINE	M Chandler	02/13 - 06/09/23
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>									

35517	AHS-6	Lecture		3	MW	11:10AM-12:35PM	IT-101	M Chandler	02/13 - 06/09/23
35518	AHS-6	Lecture		3			ON-LINE	M Chandler	02/13 - 06/09/23

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>									
35519	AHS-6	Lecture		3			ON-LINE	C Goux	02/13 - 06/09/23
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>									

35520	AHS-6	Lecture		3			ON-LINE	C Goux	02/13 - 04/07/23
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.									

35521	AHS-6	Lecture		3	MW	12:45PM-02:10PM	IT-101 ON-LINE	M Chandler	04/17 - 06/08/23 04/17 - 06/08/23
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.									

AHS-10		Modern and Contemporary Art History							
Prerequisite: None Description: A survey of the development and history of modern art with emphasis on its major movements, leading artists, and contemporary trends. Painting, sculpture, and architecture will be discussed in terms of their historical, social, and political context. Beginning with mid-19th century movements (Realism and Impressionism), the study will continue through the current trends and new media of the day. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
32985	AHS-10	Lecture		3			ON-LINE	M Chandler	04/17 - 06/09/23
This is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

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.)									
34503	AHS-12	Lecture		3			ON-LINE	L Stone	02/13 - 06/09/23
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> .									

## 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)									
34546	BIO-1	Lecture	ZTC	4	MW	04:15PM-05:40PM	IT-117	G Blanco	02/13 - 06/09/23
		Lab			M	06:00PM-09:10PM	IT-128		02/13 - 06/09/23
34547	BIO-1	Lecture	ZTC	4	TTh	04:15PM-05:40PM	IT-117	A Osorio	02/13 - 06/09/23
		Lab			T	06:00PM-09:10PM	IT-128		02/13 - 06/09/23
34548	BIO-1	Lecture	ZTC	4	TTh	11:15AM-12:40PM	IT-117	B Tran	02/13 - 06/09/23
		Lab			T	02:00PM-05:10PM	IT-128		02/13 - 06/09/23
34550	BIO-1	Lecture	ZTC	4	TTh	11:15AM-12:40PM	IT-117	B Tran	02/13 - 06/09/23
		Lab			Th	02:00PM-05:10PM	IT-128	J Camba Colon	02/13 - 06/09/23

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34551	BIO-1	Lecture Lab	ZTC	4	F F	01:00PM-04:20PM 09:00AM-12:20PM	IT-101 IT-128	O Kim	02/24 - 06/09/23 02/24 - 06/09/23
The above section is a short term class. Please note the start and end dates.									
35230	BIO-1	Lecture Lab	ZTC	4	F F	09:00AM-12:20PM 01:00PM-04:20PM	IT-101 IT-128	M Jones	02/13 - 06/09/23 02/13 - 06/09/23
BIO-3	Field Botany Prerequisite: None Description: Introduction to the classification of native and naturalized plants with special emphasis on identification of families and species. Several field trips. 54 hours lecture and 54 hours laboratory. (Letter grade only)								
35232	BIO-3	Lecture Lab	ZTC	4	M W	08:00AM-11:10AM 08:00AM-11:10AM	IT-128 IT-128	T Friedrich Finnern	02/13 - 06/09/23 02/13 - 06/09/23
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. (Letter grade only)								
34558	BIO-4	Lecture Lab		4	TTh T	08:00AM-09:25AM 09:35AM-12:45PM	IT-101 IT-128	J Drainville	02/13 - 06/09/23 02/13 - 06/09/23
34559	BIO-4	Lecture Lab		4	TTh Th	08:00AM-09:25AM 09:35AM-12:45PM	IT-101 IT-128	J Drainville	02/13 - 06/09/23 02/13 - 06/09/23
35233	BIO-4	Lecture Lab		4	MTW	06:00PM-09:10PM	ON-LINE ST-211	T Friedrich Finnern S Tronti	02/13 - 03/24/23 02/13 - 03/24/23
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.									
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.								
34553	BIO-10	Lecture	ZTC	3			ON-LINE	T Friedrich Finnern	02/13 - 06/09/23
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. (Letter grade only)								
34554	BIO-18	Lecture	ZTC	3			ON-LINE	V Sharma	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34555	BIO-18	Lecture	ZTC	3			ON-LINE	V Sharma	02/13 - 06/09/23
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 www.rccd.edu/de.									
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. (Letter Grade Only)								
34560	BIO-45	Lecture	ZTC	3			ON-LINE	C Breidenbaugh	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35234	BIO-45	Lecture	ZTC	3			ON-LINE	C Breidenbaugh	02/13 - 06/09/23
This section is restricted to the 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.									
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, muscular systems, neurophysiology, and central nervous system. Designed to meet the prerequisites for professional programs, e.g. nursing, dental hygiene, and physical therapy. 36 hours lecture and 108 hours laboratory. (Letter grade only)								
34561	BIO-50A	Lecture Lab		4	T Th TTh	05:15PM-06:05PM 05:15PM-06:20PM 06:30PM-09:40PM	IT-111 IT-111 ST-207	I McGuire	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
34562	BIO-50A	Lecture Lab		4	T Th TTh	08:00AM-08:50AM 08:00AM-09:05AM 09:15AM-12:25PM	ST-207 ST-207 ST-207	S Chang	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
34563	BIO-50A	Lecture Lab		4	T Th TTh	11:30AM-12:20PM 11:30AM-12:35PM 02:00PM-05:10PM	A TEC-114 A TEC-114 ST-207	M Donovan	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
34564	BIO-50A	Lecture Lab		4	MTTh MTWTh	04:15PM-05:25PM 06:00PM-09:10PM	WEQ-W7 ST-211	S Tronti	04/03 - 06/01/23 04/03 - 06/01/23
The above section is a short term class. Please note the start and end dates.									
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, special senses, endocrine, cardiovascular, lymphatic, respiratory, urinary, digestive, and reproductive organ systems. 36 hours lecture and 108 hours laboratory. (Letter grade only)								
34566	BIO-50B	Lecture Lab		4	T Th TTh	11:30AM-12:20PM 11:30AM-12:35PM 08:00AM-11:10AM	IT-101 IT-101 ST-211	J Reyes	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
34567	BIO-50B	Lecture Lab		4	T Th TTh	11:30AM-12:20PM 11:30AM-12:35PM 02:00PM-05:10PM	IT-101 IT-101 ST-211	J Reyes	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34568	BIO-50B	Lecture		4	M	01:00PM-01:50PM	ATEC-114	J Drainville	02/13 - 06/09/23
		Lab			W	01:00PM-02:05PM	ATEC-114		02/13 - 06/09/23
34569	BIO-50B	Lecture		4	M	01:00PM-01:50PM	ATEC-114	J Drainville	02/13 - 06/09/23
		Lab			W	01:00PM-02:05PM	ATEC-114		02/13 - 06/09/23
34570	BIO-50B	Lecture	ZTC	4	M	12:40PM-01:30PM	ST-207	G Johansen	02/13 - 06/09/23
		Lab			W	12:40PM-01:45PM	ST-207		02/13 - 06/09/23
34571	BIO-50B	Lecture		4	M	05:15PM-06:05PM	HUM-102	A Tocts	02/13 - 06/09/23
		Lab			W	05:15PM-06:20PM	HUM-102		02/13 - 06/09/23
34572	BIO-50B	Lecture		4	FS	08:00AM-09:05AM	ST-207	W Whalen	02/24 - 06/03/23
		Lab			FS	09:15AM-01:05PM	ST-207		02/24 - 06/03/23

The above section is a short term class. Please note the start and end dates.

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>BIO-55 Microbiology (formerly Mic-1)</b> Prerequisite: CHE-2A or CHE-2B or CHE-3, and BIO-1 or BIO-1H or BIO-50A or BIO-60 or BIO-60H Description: General characteristics of microorganisms with emphasis on morphology, growth, control, metabolism and reproduction; their role in disease, body defenses, and application to the biomedical field. 54 hours lecture and 54 hours laboratory. (Letter grade only)									
34575	BIO-55	Lecture		4	MW	07:30AM-08:55AM	IT-101	M Gutierrez	02/13 - 06/09/23
		Lab			M	09:05AM-12:15PM	ST-203		02/13 - 06/09/23
34576	BIO-55	Lecture		4	MW	07:30AM-08:55AM	IT-101	M Gutierrez	02/13 - 06/09/23
		Lab			W	09:05AM-12:15PM	ST-203		02/13 - 06/09/23
34577	BIO-55	Lecture	LTC	4	TTh	04:15PM-05:40PM	IT-101	M Gutierrez	02/13 - 06/09/23
		Lab			Th	06:00PM-09:10PM	ST-203		J Schnakenberg Hyland
34578	BIO-55	Lecture	LTC	4	TTh	04:15PM-05:40PM	IT-101	M Gutierrez	02/13 - 06/09/23
		Lab			T	06:00PM-09:10PM	ST-203		J Schnakenberg Hyland
35239	BIO-55	Lecture	LTC	4	TTh	04:15PM-05:40PM	IT-101	M Gutierrez	02/13 - 06/09/23
		Lab			T	12:50PM-04:00PM	ST-203		02/13 - 06/09/23

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>BIO-61 Introduction to Organismal and Population Biology (formerly Bio-12)</b> 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.)									
34580	BIO-61	Lecture		5	MW	11:35AM-01:40PM	IT-128	J Reyes	02/13 - 06/09/23
		Lab			W	01:50PM-05:00PM	IT-128		02/13 - 06/09/23

## BUSINESS ADMINISTRATION

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>BUS-10 Introduction to Business</b> 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)									
34581	BUS-10	Lecture		3	MW	11:15AM-12:40PM	WEQ-W6A	A Martin	02/13 - 06/09/23
		Lecture		3			ON-LINE		P Worsham
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34583	BUS-10	Lecture		3			ON-LINE	A Martin	02/13 - 04/07/23
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.									
34584	BUS-10	Lecture		3			ON-LINE	A Martin	04/17 - 06/09/23
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.									
34586	BUS-10	Lecture		3			ON-LINE	E Doucette	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
34587	BUS-10	Lecture		3	M	06:00PM-09:10PM	ATEC-114	F Almeida	02/13 - 04/07/23
		Lecture		3			ON-LINE		02/13 - 04/07/23
The above section is a short-term hybrid class. Computer with Internet access required. See www.rccd.edu/de Please note start and end dates.									
35283	BUS-10	Lecture		3			ON-LINE	E Doucette	04/17 - 06/09/23
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#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>BUS-18A Business Law I</b> 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 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)									
34588	BUS-18A	Lecture		3			ON-LINE	G Sonnier	02/13 - 06/09/23
		Lecture		3	Th	06:00PM-09:10PM	ATEC-114		J Alpay
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34589	BUS-18A	Lecture		3	Th	06:00PM-09:10PM	ATEC-114	J Alpay	02/13 - 04/07/23
		Lecture		3			ON-LINE		02/13 - 04/07/23
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.									
34590	BUS-18A	Lecture		3			ON-LINE	J Alpay	02/13 - 04/07/23
The above section a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note start and end dates.									
34591	BUS-18A	Lecture		3			ON-LINE	J Alpay	04/17 - 06/09/23
The above section a short term online class. Computer with Internet access required. See www.rccd.edu/de. Please note start and end dates.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	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)									
35286	BUS-18B	Lecture		3			ON-LINE	J Alpay	04/17 - 06/09/23
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-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)									
34594	BUS-20	Lecture		3			ON-LINE	E Doucette	02/13 - 04/07/23
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.									
34595	BUS-20	Lecture		3			ON-LINE	E Doucette	04/17 - 06/09/23
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-22		Management Communications							
Prerequisite: None. Description: Examines the dynamics of organizational communication relevant in current business environment. Focus is on composition and delivery of appropriate methods of communication in various business situations as a manager, including business documents, presentations, and job interviews. Practical experience is attained in verbal/non-verbal and written communication skills that fosters growth and advancement in business opportunities. Best suited for those aspiring to advance their careers by being prepared to be potential managers and leaders. 54 hours lecture. (Letter grade only)									
35287	BUS-22	Lecture		3			ON-LINE	E Doucette	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
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.									
34596	BUS-24	Lecture		3	M	06:00PM-09:10PM	IT-125	E Doucette	02/13 - 06/09/23
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.									
34598	BUS-30	Lecture		3			ON-LINE	A Martin	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
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)									
34601	BUS-47	Lecture		3			ON-LINE	A Smith	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
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)									
34602	BUS-80	Lecture		3			ON-LINE	D Dokter	02/13 - 04/07/23
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.)									
34603	BUS-85	Lecture		3			ON-LINE	C Pentis	02/13 - 04/07/23
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.)									
34604	BUS-86	Lecture		3			ON-LINE	C Pentis	04/17 - 06/09/23
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.)									
34605	BUS-87	Lecture		3			ON-LINE	D Dokter	04/17 - 06/09/23
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.									

## CARPENTRY

CRP-404C		Print Reading - Symbols							
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Basic visualization skills needed for reading and interpreting construction prints. Views, elevations, and the role of specifications as they relate to insulation details on prints will be discussed. An awareness of sustainable and green building practices will be covered during the course. 36 hours lecture and 20 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
33001	CRP-404C	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS	C Espinoza	03/13 - 03/16/23
		Lab			MTWTh	03:00PM-07:15PM	RSWC-CLAS		03/13 - 03/16/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
33007	CRP-404C	Lecture Lab		2	MTWTh MTWTh	06:00AM-02:50PM 03:00PM-07:50PM	RSWC-CLAS RSWC-CLAS	J Huggins	03/27 - 03/30/23 03/27 - 03/30/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-421B	Safety and Health Certifications - Hand and Power Tools Applications Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Hand/power tool and equipment skill development for various construction applications. Scaffold building and equipment operating procedures will also be covered. Financial and life skills relevant to surviving the construction industry will be presented. Upon successful completion, students will be issued United Brotherhood of Carpenters (UBC) Scaffold Erector-Welded Frame Qualification. 36 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
33020	CRP-421B	Lecture Lab		2	MTWTh MTWTh	06:00AM-02:50PM 03:00PM-07:15PM	RSWC-CLAS RSWC-CLAS	F Padilla	04/10 - 04/13/23 04/10 - 04/13/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
33023	CRP-421B	Lecture Lab		2	MTWTh MTWTh	06:00AM-02:50PM 03:00PM-07:15PM	RSWC-CLAS RSWC-CLAS	C Espinoza	04/17 - 04/20/23 04/17 - 04/20/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
33027	CRP-421B	Lecture Lab		2	MTWTh MTWTh	06:00AM-02:50PM 03:00PM-07:15PM	RSWC-CLAS RSWC-CLAS	A Martinez	04/24 - 04/27/23 04/24 - 04/27/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
CRP-421C	Basic Wall Framing Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Wall construction theory, methods, and procedures required to frame basic residential walls. Practical experience using proper tool techniques and appropriate materials will provide students with fundamental skill development. An introduction to print reading will prepare students to locate measurements for determining wall lengths and size of openings. Students will perform basic wall layout tasks, use plating procedures, and assemble and brace framing before aligning and completing the selected wall construction project to industry standards. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
35568	CRP-421C	Lecture Lab		1.5	MTWTh MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	A Martinez	02/20 - 02/23/23 02/20 - 02/23/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-421E	Tool/Equipment Applications - Emergency Response Procedures Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Hand/power tool and equipment skill development for various construction applications. Scaffold building and aerial lift safety and operating procedures will also be covered. Upon successful completion, students will be issued United Brotherhood of Carpenters (UBC) Aerial Lift and Scaffold Erector-Welded Frame Qualification Cards. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
32997	CRP-421E	Lecture Lab		1.5	MTWTh MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	J Huggins	03/06 - 03/09/23 03/06 - 03/09/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
33005	CRP-421E	Lecture Lab		1.5	MTWTh MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	A Martinez	03/27 - 03/30/23 03/27 - 03/30/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-423B	Basic Roof Framing Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Introduction to basic gable roof framing, terminology, characteristics, and construction methods. Students will interpret print views and drawing elevations for job planning, and to determine rafter systems and layout details. Basic rise, run, rafter angles and length calculations will be practiced. Framed wall construction will be incorporated to facilitate the gable roof assembly techniques and installation procedures that are the focus of this training. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
33017	CRP-423B	Lecture Lab		1.5	MTWTh MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	A Martinez	04/03 - 04/06/23 04/03 - 04/06/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-424D	Transit Level/Laser Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Terminology, optical principles, and operating procedures for the transit and laser levels. 36 hours lecture and 10 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
35566	CRP-424D	Lecture Lab		2	MTWTh MTWTh	06:00AM-02:50PM 03:00PM-05:15PM	RSWC-CLAS RSWC-CLAS	A Martinez	02/13 - 02/16/23 02/13 - 02/16/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
35567	CRP-424D	Lecture Lab		2	MTWTh MTWTh	06:00AM-02:50PM 03:00PM-05:15PM	RSWC-CLAS RSWC-CLAS	J Huggins	02/20 - 02/23/23 02/20 - 02/23/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-425A	Foundations and Flatwork Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Design and function of several types of foundations and concrete flatwork. The methods, techniques, and procedures for formwork layout, elevation, and construction will be presented and applied by students during practical assignments. Jobsite safety, print interpretation, material identification, and basic use of the builders' level will be included in the training. Students will construct three selected formwork projects. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
33000	CRP-425A	Lecture Lab		1.5	MTWTh MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	A Martinez	03/13 - 03/16/23 03/13 - 03/16/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
33002	CRP-425A	Lecture Lab		1.5	MTWTh MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	J Huggins	03/20 - 03/23/23 03/20 - 03/23/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-426B	Wall Forming Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Skills and procedures for forming reinforced concrete walls using single and double wall systems. Students will identify the characteristics and application of built-in-place, per-fabricated, and specialty forms. Practical exercises will prepare students for locating wall forming information on project plans, calculating layout dimensions, and for estimating material requirements. Basic wall panel forming and reinforcement methods, material preparation, and hardware installation are included in training. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)								

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35565	CRP-426B	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	J Huggins	02/13 - 02/16/23 02/13 - 02/16/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-428A	Bridge Construction								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Overview of bridge types and the skills required to perform standard bridge construction tasks. Students will be able to describe the purpose and function of exterior and interior girders, edge forms, bulkheads, and hinge forms. Bridge formwork project will include panel construction, assembly, and hardware installation tasks. Related safety, math and print reading will be covered in the training. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
32999	CRP-428A	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	J Huggins	03/13 - 03/16/23 03/13 - 03/16/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
33003	CRP-428A	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	A Martinez	03/20 - 03/23/23 03/20 - 03/23/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-433D	Molding and Trims								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: How moldings and trims are utilized to finish exterior and interior construction design features. Product styles, characteristics, applications, and installation methods are included in the discussions. The tools techniques for cutting, coping and installing various molding and trim types are presented and practiced throughout the training. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
33022	CRP-433D	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	A Martinez	04/10 - 04/13/23 04/10 - 04/13/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
33025	CRP-433D	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:50PM	RSWC-CLAS RSWC-CLAS	J Huggins	04/24 - 04/27/23 04/24 - 04/27/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
CRP-434D	Doors and Door Hardware								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Installation process for several types of security and exit door hardware. Discussion of electrical and card reader systems will be included. An emphasis will be placed on print interpretation, codes, door schedules, symbols, and hardware recognition. Students will use the methods and procedures presented to install selected door and hardware systems. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
33018	CRP-434D	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	J Huggins	04/03 - 04/06/23 04/03 - 04/06/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
33024	CRP-434D	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	A Martinez	04/17 - 04/21/23 04/17 - 04/21/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
CRP-471C	Tool/Equipment Applications - Fall Protection								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Safe and appropriate use of fall protection, and emergency response procedures. Tool applications presented in this training will provide opportunities for tool skill mastery and equipment operation. Upon successful completion, students will be issued an American Red Cross First Aid/CPR Certification Card, and United Brotherhood of Carpenters (UBC) Fall Protection Qualification Card. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
33004	CRP-471C	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	C Espinoza	03/20 - 03/23/23 03/20 - 03/23/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-473A	Framing Ceilings and Soffits								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Materials used and their application for various types of fire rated walls, ceilings and soffits. Presents methods and procedures used for layout and template development. Drywall and trim applications are discussed. The types of tools used and their associated safety, applied math and print reading fundamentals are reviewed. Students will use the skills presented to complete a ceiling and soffit project as part of this course. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
33026	CRP-473A	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	C Espinoza	04/24 - 04/24/23 04/24 - 04/24/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
CRP-473B	Framing Suspended Ceilings								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Installation of circular ceilings with drops, and drywall suspension in both square and circular grids. Students will complete selected suspended ceiling installations using the techniques presented. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
35569	CRP-473B	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	C Espinoza	02/20 - 02/23/23 02/20 - 02/23/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-473C	Framing Curves and Arches								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Framing methods for curves and arches and their related structural limitations. Identifies the various wall and ceiling types and the layout principles, and materials used for each. Lath applications and trim are also discussed. Students will use the skills presented to complete a framing project that includes curves and arches. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
33006	CRP-473C	Lecture Lab		1.5	MTWTh	06:00AM-12:30PM 12:40PM-04:55PM	RSWC-CLAS RSWC-CLAS	C Espinoza	03/27 - 03/30/23 03/27 - 03/30/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-474A	Print Reading - Specifications								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Basic visualization skills for reading and interpreting construction prints. Views, elevations, and the role of specifications as they relate to insulation details on prints will be discussed. An awareness of sustainable and green building practices will be covered during the course. 36 hours lecture and 10 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
32998	CRP-474A	Lecture Lab		2	MTWTh	06:00AM-02:50PM 03:00PM-05:15PM	RSWC-CLAS RSWC-CLAS	C Espinoza	03/06 - 03/09/23 03/06 - 03/09/23
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
CRP-479A		Drywall and Acoustical Ceilings							
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Materials and methods used for acoustical ceilings combined with drywall installation. Seismic codes, materials, and requirements are also reviewed. Green building rating systems will be applied to selected acoustical and drywall materials. Installation for various grid systems will be discussed. Students will use the skills learned to complete a drywall-acoustical ceiling project. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
33021	CRP-479A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS	C Espinoza	04/10 - 04/13/23
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		04/10 - 04/13/23

The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.

CRP-483		Door and Door Frames (layout and Frame)							
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: An introduction to the doors and door frames used in the interior systems industry. Incorporates applicable regulations governing door openings and door selection. Hardware, controlling and locking devices, and door layout and installation techniques will be included. Basic math and print reading will be covered, as will tool-related safety concerns. Students will use the skills presented to complete a selected door and door frame installation project as part of this course. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
33019	CRP-483	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS	C Espinoza	04/03 - 04/06/23
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		04/03 - 04/06/23

The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.

## CHEMISTRY

CHE-1A		General Chemistry, I							
Prerequisite: CHE-2A or CHE-3 and Intermediate Algebra or Qualifying Placement. 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.)									
34610	CHE-1A	Lecture		5	MW	11:00AM-12:25PM	IT-110	L Zelaya	02/13 - 06/09/23
		Lab			MW	07:30AM-10:40AM	HUM-208		02/13 - 06/09/23
34611	CHE-1A	Lecture		5	MW	08:00AM-09:25AM	IT-110	B Ghosh	02/13 - 06/09/23
		Lab			MW	11:00AM-02:10PM	HUM-208		02/13 - 06/09/23
34612	CHE-1A	Lecture		5	MW	12:45PM-02:10PM	IT-110	W Cui	02/13 - 06/09/23
		Lab			MW	02:30PM-05:40PM	HUM-208		02/13 - 06/09/23
35240	CHE-1A	Lecture		5	MW	04:10PM-05:35PM	IT-110	A Kapur	02/13 - 06/09/23
		Lab			MW	06:00PM-09:10PM	HUM-208		02/13 - 06/09/23

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.)									
34613	CHE-1B	Lecture		5	TTh	11:00AM-12:25PM	IT-110	J Tyler	02/13 - 06/09/23
		Lab			TTh	02:00PM-05:10PM	HUM-208		02/13 - 06/09/23
34614	CHE-1B	Lecture		5	TTh	04:10PM-05:35PM	IT-110	Z Zhu	02/13 - 06/09/23
		Lab			TTh	06:00PM-09:10PM	HUM-208		02/13 - 06/09/23

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.)									
34615	CHE-2A	Lecture		4	TTh	07:30AM-08:55AM	IT-117	W Cui	02/13 - 06/09/23
		Lab			T	09:30AM-12:40PM	HUM-204		02/13 - 06/09/23
34616	CHE-2A	Lecture		4	TTh	07:30AM-08:55AM	IT-117	W Cui	02/13 - 06/09/23
		Lab			Th	09:30AM-12:40PM	HUM-204		02/13 - 06/09/23
34617	CHE-2A	Lecture		4	TTh	04:10PM-05:35PM	ATEC-114	P Kimbrough	02/13 - 06/09/23
		Lab			T	06:00PM-09:10PM	HUM-204		02/13 - 06/09/23
34618	CHE-2A	Lecture		4	TTh	04:10PM-05:35PM	ATEC-114	P Kimbrough	02/13 - 06/09/23
		Lab			Th	06:00PM-09:10PM	HUM-204		02/13 - 06/09/23
34619	CHE-2A	Lecture		4	MW	12:45PM-02:10PM	IT-117	C Lugo	02/13 - 06/09/23
		Lab			M	09:00AM-12:10PM	HUM-204	J Tyler	02/13 - 06/09/23
34620	CHE-2A	Lecture		4	MW	12:45PM-02:10PM	IT-117	C Lugo	02/13 - 06/09/23
		Lab			W	09:00AM-12:10PM	HUM-204		02/13 - 06/09/23
35241	CHE-2A	Lecture		4	TTh	06:00PM-07:25PM	IT-117	S Sati	02/13 - 06/09/23
		Lab			T	02:00PM-05:10PM	HUM-204		02/13 - 06/09/23
35243	CHE-2A	Lecture		4	MW	11:00AM-12:25PM	IT-117	V Lee	02/13 - 06/09/23
		Lab			M	02:00PM-05:10PM	HUM-204	A Williams	02/13 - 06/09/23
35244	CHE-2A	Lecture		4	MW	11:00AM-12:25PM	IT-117	V Lee	02/13 - 06/09/23
		Lab			W	02:00PM-05:10PM	HUM-204	A Williams	02/13 - 06/09/23

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.)									
34608	CHE-12A	Lecture		5	TTh	02:30PM-03:55PM	IT-110	C Lugo	02/13 - 06/09/23
		Lab			TTh	09:00AM-12:10PM	HUM-208		02/13 - 06/09/23

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.)									
34609	CHE-12B	Lecture		5	TTh	10:45AM-12:10PM	IT-111	V Lee	02/13 - 06/09/23
		Lab			F	09:45AM-04:15PM	HUM-208	C Lugo	02/13 - 06/09/23

## 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.)

34621	CHI-1	Lecture		5			ON-LINE	C Dealba-Yount	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

The above section is an online 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. Students may not receive credit for COM 1 and COM 1H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

32989	COM-1	Lecture		3			ON-LINE	K Rigby	04/17 - 06/09/23
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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.

33011	COM-1	Lecture	ZTC	3			ON-LINE	S Nafzgar	04/17 - 06/09/23
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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.

34638	COM-1	Lecture	ZTC	3			ON-LINE	S Nafzgar	02/13 - 06/09/23
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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)

34639	COM-1	Lecture		3	W	11:10AM-12:35PM	IT-210	T Mount	02/13 - 06/09/23
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ON-LINE

02/13 - 06/09/23

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

34640	COM-1	Lecture		3	MW	09:15AM-10:40AM	IT-210	M Lewis	02/13 - 06/09/23
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34641	COM-1	Lecture		3			ON-LINE	R Stinson	02/13 - 06/09/23
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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).

34642	COM-1	Lecture	ZTC	3			ON-LINE	S Nafzgar	04/17 - 06/09/23
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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.

34643	COM-1	Lecture	ZTC	3	TTh	08:00AM-09:25AM	IT-210	S Nafzgar	02/13 - 06/09/23
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34645	COM-1	Lecture	ZTC	3	TTh	11:15AM-12:40PM	IT-208	S Nafzgar	02/13 - 06/09/23
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34646	COM-1	Lecture		3			ON-LINE	T Mount	02/13 - 06/09/23
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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)

34647	COM-1	Lecture		3			ON-LINE	T Mount	04/17 - 06/09/23
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The above section is a short term online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

34648	COM-1	Lecture		3			ERHS-ONLN	E Arvilla	02/13 - 06/09/23
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The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.

35288	COM-1	Lecture	ZTC	3	M	04:10PM-05:35PM	IT-210	K Rigby	02/13 - 06/09/23
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ON-LINE

02/13 - 06/09/23

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

35289	COM-1	Lecture	ZTC	3			ON-LINE	S Nafzgar	02/13 - 06/09/23
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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).

35290	COM-1	Lecture		3			ON-LINE	B Rihan	02/13 - 06/09/23
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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).

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.

34653	COM-2	Lecture		3	M	11:10AM-12:35PM	IT-210	T Mount	02/13 - 06/09/23
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ON-LINE

02/13 - 06/09/23

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

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.)

34655	COM-3	Lecture		3	MW	09:15AM-10:40AM	IT-211	T Mount	02/13 - 06/09/23
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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.)

34657	COM-6	Lecture	ZTC	3	Th	09:40AM-11:05AM	IT-210	S Nafzgar	02/13 - 06/09/23
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ON-LINE

02/13 - 06/09/23

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

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.)

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34658	COM-7	Lecture		3	T	09:40AM-11:05AM	IT-210 ON-LINE	M Lewis	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
<b>COM-9 Interpersonal Communication</b>									
Prerequisite: None Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
32991	COM-9	Lecture		3			ON-LINE	J Vierra	04/17 - 06/09/23
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.									
32992	COM-9	Lecture		3			ON-LINE	J Vierra	04/17 - 06/09/23
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.									
33012	COM-9	Lecture		3			ON-LINE	M Lewis	04/17 - 06/09/23
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.									
34659	COM-9	Lecture		3			ON-LINE	M Lewis	02/13 - 06/09/23
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> .									
34660	COM-9	Lecture		3			ON-LINE	M Lewis	02/13 - 06/09/23
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> .									
34661	COM-9	Lecture		3			ON-LINE	M Lewis	02/13 - 06/09/23
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> .									
34662	COM-9	Lecture		3			ON-LINE	M Lewis	02/13 - 06/09/23
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> .									
34663	COM-9	Lecture		3	Th	11:15AM-12:40PM	IT-210 ON-LINE	B Rihan	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34665	COM-9	Lecture		3	MW	12:45PM-02:10PM	IT-206	R Stinson	02/13 - 06/09/23
34666	COM-9	Lecture		3	MW	02:30PM-03:55PM	IT-210	R Stinson	02/13 - 06/09/23
34667	COM-9	Lecture		3			ON-LINE	A Olaerts	02/13 - 04/07/23
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.									
34668	COM-9	Lecture		3			ON-LINE	A Olaerts	02/13 - 04/07/23
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.									
34669	COM-9	Lecture		3	Th	09:40AM-11:05AM	WEQ-W7 ON-LINE	B Rihan	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34670	COM-9	Lecture		3			ON-LINE	A Olaerts	04/17 - 06/09/23
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.									
34671	COM-9	Lecture		3			ON-LINE	A Olaerts	04/17 - 06/09/23
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.									
34672	COM-9	Lecture		3	TTh	02:30PM-03:55PM	IT-210	E Arvilla	02/13 - 06/09/23
34676	COM-9	Lecture		3	TTh	04:10PM-05:35PM	LIBR-121	N Aceves	02/13 - 06/09/23
The above section is designed with special emphasis on African American culture. See the Umoja counselor ( <a href="mailto:sean.davis@norcocollege.edu">sean.davis@norcocollege.edu</a> ) prior to enrolling.									
34677	COM-9	Lecture		3	TTh	04:10PM-05:35PM	LIBR-121	N Aceves	02/13 - 06/09/23
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 ( <a href="mailto:daniel.grajeda@rccd.edu">daniel.grajeda@rccd.edu</a> ) prior to enrolling.									
34682	COM-9	Lecture		3			SANT-ONLN	K Rigby	02/13 - 06/09/23
The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program.									
35260	COM-9	Lecture		3	TTh	04:10PM-05:35PM	IT-210	E Arvilla	02/13 - 06/09/23
<b>COM-12 Intercultural Communication</b>									
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)									
34650	COM-12	Lecture		3	T	11:15AM-12:40PM	IT-210 ON-LINE	A Olaerts	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
<b>COM-13 Gender and Communication</b>									
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.)									
34651	COM-13	Lecture		3			ON-LINE	B Natividad	02/13 - 06/09/23
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>COM-20 Introduction to Communication Theory</b>									
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)									
34654	COM-20	Lecture		3			ON-LINE	S Nafzgar	02/13 - 04/07/23
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.									

## 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.									
34627	CIS-1A	Lecture		3	MW	12:45PM-01:35PM	ATEC-118	J Coverdale	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is a hybrid class. A computer with Internet access is required. See www.rccd.edu/de. Part of the lecture time and the designated 18-hour laboratory the requirement is completed online.									
34628	CIS-1A	Lecture		3			ON-LINE	J Perry	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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.									
34630	CIS-1A	Lecture		3			ON-LINE	J Coverdale	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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.									
34631	CIS-1A	Lecture		3	Th	09:40AM-12:50PM	ATEC-118	J Coverdale	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is a hybrid class. A computer with Internet access is required. See www.rccd.edu/de. The designated 18-hour laboratory the requirement is completed online.									
35409	CIS-1A	Lecture		3			ON-LINE	J Coverdale	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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-2	Fundamentals of Systems Analysis								
Prerequisite: None Description: The course presents a systematic methodology for analyzing a business problem or opportunity, determining what role, if any, computer-based technologies can play in addressing the business need, articulating business requirements for the technology solution, specifying alternative approaches to acquiring the technology capabilities needed to address the business requirements, and specifying the requirements for the information systems solution in particular, in-house development, development from third-party providers, or purchased commercial-off-the-shelf packages. 54 hours lecture and 18 hours laboratory.(TBA option) (Letter Grade, or Pass/No Pass option.)									
34632	CIS-2	Lecture		3			ON-LINE	J Ruiz	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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	Programming Concepts and Methodology : C++								
Prerequisite: None Advisory: CIS-1A Description: Introduction to the discipline of computer science incorporating problem definitions, algorithm development, and structured programming logic for business, scientific and mathematical applications. The C++ language will be used for programming problems. 54 hours lecture and 54 hours laboratory. (Same as CSC-5) (Letter grade)									
34633	CIS-5	Lecture	ZTC	4			ON-LINE	J Perry	02/13 - 06/09/23
		Lab			T	09:40AM-12:50PM	ATEC-118		02/13 - 06/09/23
The above section is a hybrid class. A computer with Internet access is required. See www.rccd.edu/de. The designated 54-hour lecture requirement is completed in person.									
34634	CIS-5	Lecture	ZTC	4			ON-LINE	J Perry	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is an online class. Computer with Internet access is required. See www.rccd.edu/de. All hours, including the 54-hour laboratory requirement, are completed online.									
34635	CIS-5	Lecture	ZTC	4			ON-LINE	J Perry	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is an online class. Computer with Internet access is required. See www.rccd.edu/de. All hours, including the 54-hour laboratory requirement, are completed online.									
CIS-11	Computer Architecture and Organization: Assembly								
Prerequisite: None Advisory: CIS/CSC-5 Description: An introduction to microprocessor architecture and assembly language programming. The relationship between hardware and software will be examined in order to understand the interaction between a program and the total system. Mapping of statements and constructs in a high-level language onto sequences of machine instructions is studied as well as the internal representation of simple data types and structures. Numerical computation is performed, noting the various data representation errors and potential procedural errors. 54 hours lecture and 18 hours laboratory.(TBA option)									
34622	CIS-11	Lecture		3			ON-LINE	A Rainey	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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.									
35546	CIS-11	Lecture		3			ON-LINE	A Rainey	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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-17A	Programming Concepts and Methodology : C++								
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) (Letter grade only)									
34623	CIS-17A	Lecture		3	MW	11:10AM-12:35PM	ATEC-118	J Ruiz	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de All of the 18-hour laboratory requirement, are completed online.									
34624	CIS-17A	Lecture		3			ON-LINE	J Ruiz	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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-17B	C++ Programming: Advanced Objects								
Prerequisite: None Advisory: CIS/CSC-17A Description: This is an advanced C++ programming course for students familiar with object-oriented programming that implements basic graphical user interfaces. An emphasis will be placed on advanced concepts associated with complex business and gaming applications that utilize exception handling, multithreading, multimedia, and database connectivity. 54 hours lecture and 18 hours laboratory. (Same as CSC-17B) (TBA option) (Letter Grade, or Pass/No Pass option.)									
35407	CIS-17B	Lecture		3			ON-LINE	J Ruiz	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35548	CIS-17B	Lecture Lab		3			ON-LINE ON-LINE	J Ruiz	02/13 - 06/09/23 02/13 - 06/09/23
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-18A Java Programming: Objects Prerequisite: None Advisory: CIS/CSC-5 Description: An introduction to Java programming for students already experienced in the fundamentals of programming. An emphasis will be placed upon object- oriented programming. Other topics include graphical interface design and typical swing GUI components. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)									
34625	CIS-18A	Lecture Lab		3	MW	02:30PM-03:55PM	A TEC-118 ON-LINE	J Ruiz	02/13 - 06/09/23 02/13 - 06/09/23
The above section is a hybrid class. A computer with Internet access is required. See www.rccd.edu/de. All of the 18-hour laboratory requirement, are completed online.									
CIS-18B Java Programming: Advanced Objects Prerequisite: None Advisory: CIS/CSC-18A Description: This is an advanced Java programming course for students familiar with object-oriented programming and utilization of basic graphical interface techniques. An emphasis will be placed on advanced concepts associated with Business, E-Commerce and Gaming applications that utilize exception handling, multithreading, multimedia, and database connectivity. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)									
35408	CIS-18B	Lecture Lab		3			ON-LINE ON-LINE	M Mogasemi	02/13 - 06/09/23 02/13 - 06/09/23
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-18C Java Programming: Data Structures Prerequisite: None Advisory: CIS/CSC-18A Description: This course is designed to be an advanced Java programming course for students familiar with object-oriented programming and database concepts. The major emphasis will be related to concepts of storing and retrieving data efficiently, which are the essential principles, and practices of data structures. 54 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.) (Same as CSC-18C)									
34626	CIS-18C	Lecture Lab		3			ON-LINE ON-LINE	D Koch	02/13 - 06/09/23 02/13 - 06/09/23
The above section is a hybrid class. Computer with Internet access is required. See www.rccd.edu/de. The designated 18-hour laboratory the requirement is completed online.									
CIS-21 Introduction to Operating Systems Prerequisite: CIS-1A Description: An introduction to operating system concepts, structure, functions, performance, and management is covered. A current operating system, such as Windows, Linux, or UNIX is used as a case study. File multi-processing, system security, device management, network operating systems, and utilities are introduced. 54 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)									
35411	CIS-21	Lecture Lab		3			ON-LINE ON-LINE	J Wilson	02/13 - 06/09/23 02/13 - 06/09/23
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-30A Introduction to Python Programming Prerequisite: None Advisory: CIS-1A, CIS-5 Description: Combined features of Python are suitable for program development. Practical applications of Python may be found in the prominent fields of many different sciences field. Introduces the beginner or curious programmer to Python and basic programming concepts through a series of practical hands-on exercises following concept lecture and discussions. Provides an overview of the history and use of Python in scripting, web and software development and security. Emphasizes principles of software development, style, and testing. Focuses on programming and problem solving using Python programming language. 48 hours lecture and 27 hours lab. (Letter grade only)									
35550	CIS-30A	Lecture Lab		3			ON-LINE ON-LINE	J Wilson	02/13 - 06/09/23 02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de All hours, including the 27-hour laboratory requirement, are completed online.									
CIS-66 Web Development I Prerequisite: None. Description: An introduction to the web technologies and languages. This course provides in-depth understanding of the roles of markup and scripting languages to display text and multimedia content for basic web pages.									
35414	CIS-66	Lecture Lab		3			ON-LINE ON-LINE	J Oconnor	02/13 - 06/09/23 02/13 - 06/09/23
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-79 Intro Adobe Illustrator Prerequisite: None Description: Fundamentals of Adobe Illustrator including creating objects, drawing paths, designing with type and working with graphics. (Same as CAT-79)									
35415	CIS-79	Lecture Lab		3			ON-LINE ON-LINE	A Johnson	02/13 - 06/09/23 02/13 - 06/09/23
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.									
35434	CIS-79	Lecture Lab		3	MTW F	02:25PM-03:15PM 02:25PM-03:15PM	JVHS-B6 JVHS-B6	D Warren	02/13 - 06/09/23 02/13 - 06/09/23
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.									
CIS-98A Introduction to Excel Prerequisite: None. Description: Introductory spreadsheet development using Microsoft Excel for business and scientific related applications. The course covers introductory through intermediate spreadsheet development. 27 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.) (Same as CAT-98A)									
35438	CIS-98A	Lecture Lab		1.5			ON-LINE ON-LINE	B Fuller	04/17 - 06/09/23 04/17 - 06/09/23
The above section is a short-term online class. A computer with Internet access is required. See www.rccd.edu/de Please note the start and end dates. All hours, including the 18-hour laboratory requirement, are completed online.									

## CONSTRUCTION TECHNOLOGY

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)									
34684	CON-62	Lecture		3			ON-LINE	R Skaggs	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
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)									
34685	CON-63A	Lecture		3	T	06:30PM-09:40PM	IT-122	J Thomas	02/13 - 06/09/23

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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.								
34686	CON-63B	Lecture		3	T	06:30PM-09:40PM	IT-122	J Thomas	02/13 - 06/09/23
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.								
34687	CON-63C	Lecture		3	T	06:30PM-09:40PM	IT-122	J Thomas	02/13 - 06/09/23
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.								
34688	CON-63D	Lecture		3	T	06:30PM-09:40PM	IT-122	J Thomas	02/13 - 06/09/23
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								
34689	CON-64	Lecture		3			ON-LINE	P Link	02/13 - 06/09/23
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>									
CON-66	National Electrical Code Prerequisite: None Description: Review of electrical codes including discussion and analysis of the application of physical laws in development of the code requirements. 54 hours lecture. (Letter grade only)								
35459	CON-66	Lecture		3	Th	06:30PM-09:40PM	IT-123	J Thomas	02/13 - 06/09/23
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.								
34691	CON-67	Lecture		3	W	06:30PM-09:40PM	IT-122	J Thomas	02/13 - 06/09/23
CON-68	Simplified Engineering for Building Inspectors Prerequisite: None Description: Introduction to basic engineering. Fundamental static and stress formulas. Shear and moment diagrams and their applications. Properties of sections and their uses. Design of wood joists, beams, posts and use of tables with practical composite design applications. 54 hours lecture. (Letter grade only)								
35461	CON-68	Lecture		3			ON-LINE	J Thomas	02/13 - 06/09/23
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>									
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)								
34692	CON-71	Lecture		1.5	M	06:00PM-09:35PM	IT-123	J Thomas	02/13 - 04/03/23
The above section is a short-term class. Internet access is required. Please note the start and end dates.									
CON-72	California State Accessibility Standards Prerequisite: None. Description: Examines the provisions of Title 24 accessibility standards of the California International Building Code for application in the construction industry. These legal requirements establish minimum facility accessibility standards and requirements to provide or improve access to and use by people with physical disabilities. Students will gain an understanding of the legal requirements and will interpret, analyze, and apply these provisions to various construction, alteration, remodeling, repair, and use of building and related facilities. 27 hours lecture. (Letter grade only)								
34694	CON-72	Lecture		1.5	M	06:00PM-09:35PM	IT-123	J Thomas	04/17 - 06/05/23
The above section is a short term class. Internet access is required. Please note the start and end dates.									
CON-74	Construction Estimating Prerequisite: None Corequisite: CON-62 Description: Introduction to estimating will provide an overview of basic and advanced principles of construction estimating and bidding currently used in the construction industry from pre-bid to post-bid. This course will be taught utilizing Construction Specifications Institute format ( <a href="http://www.csinet.org">www.csinet.org</a> ). 54 hours lecture.								
35462	CON-74	Lecture		3	Th	06:30PM-09:40PM	IT-122	L Hendrick	02/13 - 06/09/23
<b>DANCE</b>									
DAN-6	Dance Appreciation Prerequisite: None Description: A nontechnical course for the general student leading to the appreciation and understanding of dance as a medium of communication, entertainment, and as an art form. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
34698	DAN-6	Lecture		3			ON-LINE	M Limon-Burbaj	02/13 - 06/09/23
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>DRAFTING</b>									
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)								
34699	DFT-21	Lecture		3			ON-LINE	F Mirzaei	02/13 - 06/09/23
		Lab			T	02:00PM-05:10PM	A TEC-109		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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>									
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)								

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34701	DFT-30	Lecture		3			ON-LINE	F Mirzaei	02/13 - 06/09/23
		Lab			T	06:00PM-09:10PM	A TEC-109		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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

#### DFT-31 Advanced Computer Aided Drafting (cad)

Prerequisite: DFT-30 or ENE-30 Description: This course focuses on applying advanced AutoCAD skills in the design process to create models, drawings, and related documentation for a variety of applications and industries. Topics include blocks, attributes, external references, solid, mesh, and surface modeling, presentation, and photorealistic rendering. Students develop and apply skills in visualizing, creating, and editing 3D shapes for modeling, testing, rapid prototyping, and marketing. The course emphasizes improving productivity and developing modeling and presentation skills. 27 hours lecture and 81 hours lab. (Letter grade or Pass/No Pass option)

35510	DFT-31	Lecture		3			ON-LINE	A Nindra	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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

#### 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)

35467	DFT-42	Lecture		3			ON-LINE	F Mirzaei	02/13 - 06/09/23
		Lab			W	06:00PM-09:10PM	A TEC-109		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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

#### DFT-51 Print Reading

Prerequisite: None Description: A beginning course in the study of blueprints and their interpretation, types of projection, symbols and abbreviations. This course is designed for students interested in print reading for the machine trades. 27 hours lecture and 27 hours laboratory. (Letter Grade, or Pass/No Pass option.) (same As Ene-51)

35474	DFT-51	Lecture		2			ON-LINE	P Van Hulle	04/18 - 06/08/23
		Lab			TTh	03:25PM-04:50PM	IT-127		04/18 - 06/08/23

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

## EARLY CHILDHOOD EDUCATION

#### EAR-19 Observation and Assessment in Early Childhood Education

Prerequisite: None. Advisory: EAR-20 and EAR-24 Description: Introduces the appropriate use of assessment and observation tools and strategies to document young children's development and learning. The use of findings to inform and plan learning environments and experiences are emphasized. Recording strategies, rating systems, portfolios, and multiple assessment tools will be discussed, along with strategies for collaboration with families and professionals. 54 hours lecture. (Letter grade only)

34704	EAR-19	Lecture		3			ON-LINE	S Burnett	02/13 - 06/09/23
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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)

#### 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)

34705	EAR-20	Lecture		3			ON-LINE	S Sumiati	02/13 - 06/09/23
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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).

34706	EAR-20	Lecture		3	TTh	11:15AM-12:40PM	IT-209	M Adams	02/13 - 06/09/23
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34707	EAR-20	Lecture		3	Th	06:00PM-09:10PM	IT-209	E Cortes	02/13 - 06/09/23
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34708	EAR-20	Lecture		3			ON-LINE	M Adams	02/13 - 06/09/23
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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)

34709	EAR-24	Lecture		3			ON-LINE	L Vazquez	02/13 - 06/09/23
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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)

34710	EAR-24	Lecture		3			ON-LINE	S Burnett	02/13 - 06/09/23
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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)

#### EAR-25 Teaching in a Diverse Society

Prerequisite: None Description: Examines the impact of various societal influences on children's development, personal and social identity, and school experiences. Becoming aware of difference and diversity to become culturally competent members of a diverse society. Covers developmentally appropriate, inclusive, culturally relevant, linguistically appropriate and anti-bias, anti-racist approaches. Self-examination and reflection on issues related to social identity, stereotypes, and bias will be explored. 54 hours lecture. (Letter Grade)

34711	EAR-25	Lecture		3			ON-LINE	R Carreon-Bailey	02/13 - 06/09/23
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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)

#### EAR-26 Health, Safety and Nutrition

Prerequisite: None. Description: An introduction to the laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Covering the mental health, and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. Includes the teacher and classroom staff's role in prevention strategies, nutrition and meal planning, integrating health safety and nutrition experiences into daily routines, and overall risk management. 54 hours lecture. (Letter grade only)

34712	EAR-26	Lecture		3			ON-LINE	L Vazquez	02/13 - 06/09/23
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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)

#### EAR-28 Principles and Practices of Teaching Young Children

Prerequisite: None Description: Historical contexts and theoretical perspectives of developmentally appropriate practice in early care and education for children birth through age eight, emphasizing the key role of relationships, and constructive adult-child interactions. Explores the professional identity, typical roles and expectations of early childhood educators. Identifies professional ethics, career pathways, promoting advocacy, professional standards. Introduces best practices for developmentally appropriate learning

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
		environments, curriculum, and effective pedagogy for young children, including how play contributes to children's learning, growth, and development. 54 hours lecture. (Letter grade only)							
34713	EAR-28	Lecture		3			ON-LINE	R Carreon-Bailey	02/13 - 06/09/23
		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>							
34714	EAR-28	Lecture		3	MW	11:10AM-12:35PM	IT-209	M Adams	02/13 - 06/09/23

#### EAR-30 Practicum in Early Childhood Education

Prerequisite: EAR-20 and EAR-24 and EAR-28 and EAR-42 Description: Students will 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. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning for children from varied backgrounds and experiences. Includes exploration of career pathways, professional development, and teacher responsibilities. 36 hours lecture and 108 hours laboratory. (Letter grade only)

34715	EAR-30	Lecture		4	Th	02:00PM-04:05PM	IT-209	S Burnett	02/13 - 06/09/23
		Lab			MW	08:30AM-12:35PM	TBEC-1		02/13 - 06/09/23

EAR 30 has 108 required lab hours and 36 face-to-face lecture hours. Lab Hours can be completed at NC Lab School - Temple Beth El, 2675 Central Avenue, Riverside, OR with prior approval, at your early childhood work site. This site must be a licensed childcare facility, and you need to complete your hours working with children between 2-5 years of age. Permission must be obtained from the site supervisor or director prior to the first day of lab hours for this option to be approved. Please email [sarah.burnett@norccollege.edu](mailto:sarah.burnett@norccollege.edu) for the required permission document. All students must have current proof of the following immunizations - DTAP, Tb, Measles, and COVID-19. Contact Dr. Burnett for the clearance checklist or get it from the Health Clinic on Campus. The first meeting of the class will be Thursday 2/16 @ Norco College, in Room IT 209 from 2-4:05 pm.

34716	EAR-30	Lecture		4	Th	02:00PM-04:05PM	IT-209	S Burnett	02/13 - 06/09/23
		Lab			TTh	08:30AM-12:35PM	TBEC-1		02/13 - 06/09/23

EAR 30 has 108 required lab hours and 36 face-to-face lecture hours. Lab Hours can be completed at NC Lab School - Temple Beth El, 2675 Central Avenue, Riverside, OR with prior approval, at your early childhood work site. This site must be a licensed childcare facility, and you need to complete your hours working with children between 2-5 years of age. Permission must be obtained from the site supervisor or director prior to the first day of lab hours for this option to be approved. Please email [sarah.burnett@norccollege.edu](mailto:sarah.burnett@norccollege.edu) for the required permission document. All students must have current proof of the following immunizations - DTAP, Tb, Measles, and COVID-19. Contact Dr. Burnett for the clearance checklist or get it from the Health Clinic on Campus. The first meeting of the class will be Thursday 2/16 @ Norco College, in Room IT 209 from 2-4:05 pm.

#### EAR-33 Infant and Toddler Development

PREREQUISITE: None Description: A study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasizes the role of family and relationships in development. 54 hour lecture. (Letter grade only)

35529	EAR-33	Lecture		3			ON-LINE	R Carreon-Bailey	02/13 - 06/09/23
		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>							

#### EAR-34 Infant and Toddler Care and Education

Prerequisite: None. Description: Applies current theory and research to the care and education of infants and toddlers in group settings. Examines essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months. 54 hours lecture. (Letter Grade only.)

35297	EAR-34	Lecture		3			ON-LINE	L Vazquez	02/13 - 06/09/23
		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>							

#### EAR-42 Child, Family, and Community

Prerequisite: None. Description: The processes of socialization focusing on the interrelationship of family, school, and community. Examines the influence of multiple societal contexts. Explores the role of collaboration between family, community, and schools in supporting children's development, birth through adolescence. 54 hours lecture. (Letter grade only)

34718	EAR-42	Lecture		3	TTh	09:40AM-11:05AM	IT-209	M Adams	02/13 - 06/09/23
34719	EAR-42	Lecture		3			CUSD-ONLN	M Adams	02/13 - 06/09/23

The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de) This section is restricted to the CNUSD High School students participating in Norco College's Dual Enrollment Program.

34720	EAR-42	Lecture		3			ON-LINE	T Oliver	02/13 - 06/09/23
		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> .							

#### EAR-43 Children with Challenging Behaviors

Prerequisite: EAR-19 EAR-20 Description: An overview of the developmental, environmental and cultural factors that impact the behavior of young children, including family stressors, child temperament, violence, attachment disorders, and special needs; and proactive intervention and prevention techniques. Topics include addressing reasons children misbehave, how to carefully observe a child, how to create a positive environment to encourage appropriate behavior, and how to effectively address many types of behaviors including those that are aggressive and antisocial, disruptive, destructive, emotional and dependent. Outside observations required. 54 hours lecture. (Letter grade)

35299	EAR-43	Lecture		3			ON-LINE	M Adams	04/17 - 06/09/23
		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.							

#### EAR-45 Administration II: Personnel and Leadership in Early Childhood Education

Prerequisite: EAR-20 and EAR-24 and EAR-28 and EAR-42 Advisory: EAR-44 Description: Effective strategies for personnel management and leadership in early care and education settings. Includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practices for a diverse and inclusive early care and education program. 54 hours lecture. (Letter Grade only.)

35300	EAR-45	Lecture		3			ON-LINE	T Oliver	04/17 - 06/09/23
		The above section is a short-term online class. Computer with Internet access is required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Please note the start and end dates.							

## 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)

34722	ECO-4	Lecture		3			ON-LINE	C Rajakone	02/13 - 06/09/23
		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> .							

#### ECO-7 Principles of Macroeconomics

Prerequisite: MAT-52. Advisory: Intermediate Algebra or qualifying placement level. Description: Economic theory and analysis as applied to the U.S. economy as a whole. Emphasizes aggregative economics dealing with the macroeconomic concepts of national income and expenditure, aggregate supply and demand, fiscal policy, monetary policy, and economic stabilization and growth. Students may not receive credit for both ECO-7 and ECO-7H. 54 hours lecture. (Letter grade)

34723	ECO-7	Lecture		3	MW	12:45PM-02:10PM	ATEC-205	P Boelman	02/13 - 06/09/23
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SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34724	ECO-7	Lecture		3	TTh	09:40AM-11:05AM	IT-117	P Boelman	02/13 - 06/09/23
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)									
34727	ECO-8	Lecture		3			ON-LINE	C Rajakone	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34728	ECO-8	Lecture		3	TTh	11:15AM-12:40PM	ATEC-210	P Boelman	02/13 - 06/09/23
35512	ECO-8	Lecture		3			ON-LINE	C Rajakone	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									

## ELECTRICITY

ELC-71	Residential Electrical Wiring								
Prerequisite: None Description: The course introduces students to wiring methods commonly used in residential electrical wiring. Topics include wiring of electrical switches, receptacles, code requirements for kitchen, bathroom, GFI and AFI devices, raceways, and boxes. Laboratory allows students to wire and test sample wall and ceiling sections. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option) (Same as ELE-71)									
35477	ELC-71	Lecture		4	S	08:00AM-11:35AM	ATEC-119	J Vela	02/25 - 06/03/23
		Lab			S	12:00PM-03:35PM	ATEC-119	D Adams	02/25 - 06/03/23
The above section is a short-term class. Please note the start and end dates.									

ELC-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.) (Same as ELE-73)									
35478	ELC-73	Lecture		4	TTh	06:00PM-07:25PM	IT-124	A Munoz	02/13 - 06/09/23
		Lab			TTh	07:35PM-09:00PM	IT-124		02/13 - 06/09/23

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)									
34730	ELC-74	Lecture		4	MW	06:00PM-07:25PM	IT-124	J Vela	02/13 - 06/09/23
		Lab			MW	07:35PM-09:00PM	IT-124		02/13 - 06/09/23

ELC-75	Solid State Devices and Lighting Controls								
Prerequisite: None Course Credit Recommendation: Degree Credit Description: Students will learn about solid state device (electronics), sensors, SCR (silicone control rectifier), transistors, proximity and light sensors used in most industrial and commercial installations. Included will be showing students different types of sensors used for controlling motors, conveyors, and lighting devices. 36 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.) (same As Ele-75)									
35480	ELC-75	Lecture		3	F	08:00AM-10:10AM	IT-124	J Vela	02/24 - 06/09/23
		Lab			F	10:20AM-01:40PM	IT-124		02/24 - 06/09/23
The above section is a short-term class. Internet access is required. Please note the start and end dates.									

ELC-76	Low Voltage Wiring and Alternate Energy Generation								
Prerequisite: None Course Credit Recommendation: Degree Credit Description: Introduces electricians to the specialized needs and requirements of institutional, educational and government entities, along with overlapping demands of other specialty areas that include access-control, security/safety, flood, fire and gas detection, environmental controls and renewable energy systems, patient-monitoring, nurse-call, closed-circuit television (CCTV), Internet-Intercom and phone systems and remote-monitoring and control applications. 36 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.) (Same as ELE-76)									
35554	ELC-76	Lecture		3	M	06:30PM-07:20PM	IT-202	C Keissieh	02/13 - 06/09/23
					W	06:30PM-07:35PM	IT-202		02/13 - 06/09/23
		Lab			MW	07:45PM-09:10PM	IT-202		02/13 - 06/09/23

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, Kirchoff's Laws, along with basic math to solve fundamental electrical problems for both alternating current (A.C.) and direct current (D.C.) circuits. Student will learn basic electrical safety procedures, including the proper use and requirements for personal protective equipment (PPE). 36 hours lecture, 54 hours lab. (same as ELE/MAN-77)									
34731	ELC-77	Lecture		3	T	06:30PM-07:20PM	IT-202	K Rad	02/13 - 06/09/23
					Th	06:30PM-07:35PM	IT-202		02/13 - 06/09/23
		Lab			TTh	07:45PM-09:10PM	IT-202		02/13 - 06/09/23

## ELECTRONICS

ELE-10	Survey of Electronics								
Prerequisite: None Description: Basic electronic theory featuring electron-flow, Ohm's, Watt's, and Kirchoff's Laws, analog DC and AC devices, circuits, parameters and equations, diodes, transistors, thyristors, digital logic, integrated circuits, power supplies, amplifiers, oscillators, with laboratory test and measurement equipment. 63 hours lecture and 27 hours laboratory. (Pass/No Pass Letter Grade)									
35482	ELE-10	Lecture		4	MW	11:00AM-12:50PM	IT-202	K Rad	02/13 - 06/09/23
		Lab			MW	01:00PM-01:45PM	IT-202		02/13 - 06/09/23

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)									
34757	ELE-64	Lecture		3			ON-LINE	P Van Hulle	02/13 - 06/09/23
		Lab			Th	06:30PM-09:40PM	CACT-2		02/13 - 06/09/23
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
34758	ELE-71	Lecture		4	S	08:00AM-11:35AM	ATEC-119	J Vela	02/25 - 06/03/23
		Lab			S	12:00PM-03:35PM	ATEC-119	D Adams	02/25 - 06/03/23
The above section is a short-term class. Please note the start and end 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)									
34759	ELE-73	Lecture		4	TTh	06:00PM-07:25PM	IT-124	A Munoz	02/13 - 06/09/23
		Lab			TTh	07:35PM-09:00PM	IT-124		02/13 - 06/09/23
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)									
34760	ELE-74	Lecture		4	MW	06:00PM-07:25PM	IT-124	J Vela	02/13 - 06/09/23
		Lab			MW	07:35PM-09:00PM	IT-124		02/13 - 06/09/23
ELE-75		Solid State Devices Lighting Controls							
Prerequisite: None. Description: Students will learn about solid state device (electronics), sensors, SCR (silicone control rectifier), transistors, proximity and light sensors used in most industrial and commercial installations. Included will be showing students different types of sensors used for controlling motors, conveyors, and lighting devices. 36 hours lecture and 54 hours laboratory. Pass/ No Pass, Letter Grade. (same as ELC-75)									
35481	ELE-75	Lecture		3	F	08:00AM-10:10AM	IT-124	J Vela	02/24 - 06/09/23
		Lab			F	10:20AM-01:40PM	IT-124		02/24 - 06/09/23
The above section is a short-term class. Internet access is required. Please note the start and end dates.									
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. Pass/No Pass, Letter Grade. (same as ELC-76)									
35553	ELE-76	Lecture		3	M	06:30PM-07:20PM	IT-202	C Keissieh	02/13 - 06/09/23
					W	06:30PM-07:35PM	IT-202	K Rad	02/13 - 06/09/23
		Lab			MW	07:45PM-09:10PM	IT-202		02/13 - 06/09/23
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)									
34762	ELE-77	Lecture		3	T	06:30PM-07:20PM	IT-202	K Rad	02/13 - 06/09/23
					Th	06:30PM-07:35PM	IT-202		02/13 - 06/09/23
		Lab			TTh	07:45PM-09:10PM	IT-202		02/13 - 06/09/23
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.									
32977	ELE-401	Lecture		3.5	S	08:00AM-11:05AM	JACT-3	J Bachtel	02/25 - 06/03/23
		Lab			S	11:15AM-02:50PM	JACT-3		02/25 - 06/03/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
32978	ELE-401	Lecture		3.5	S	08:00AM-11:05AM	JACT-2	P Brown	02/25 - 06/03/23
		Lab			S	11:15AM-02:50PM	JACT-2		02/25 - 06/03/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34733	ELE-401	Lecture		3.5	MW	06:00PM-07:10PM	JACT-1	J Bachtel	02/13 - 06/09/23
		Lab			MW	07:20PM-08:45PM	JACT-1		02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34734	ELE-401	Lecture		3.5	MW	03:00PM-04:10PM	JACT-1	P Brown	02/13 - 06/09/23
		Lab			MW	04:20PM-05:45PM	JACT-1		02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34735	ELE-401	Lecture		3.5	MW	06:00PM-07:10PM	JACT-9	G Montejano	02/13 - 06/09/23
		Lab			MW	07:20PM-08:45PM	JACT-9		02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34736	ELE-401	Lecture		3.5	MW	03:00PM-04:10PM	JACT-2	P Conway	02/13 - 06/09/23
		Lab			MW	04:20PM-05:45PM	JACT-2		02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34737	ELE-401	Lecture		3.5	MW	06:00PM-07:10PM	JACT-2	F Rodriguez	02/13 - 06/09/23
		Lab			MW	07:20PM-08:45PM	JACT-2		02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (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.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34738	ELE-403	Lecture Lab		3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-6 JACT-6	G Montejano	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34739	ELE-403	Lecture Lab		3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-3 JACT-3	J Bachtel	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34740	ELE-403	Lecture Lab		3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-1 JACT-1	P Conway	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34741	ELE-403	Lecture Lab		3.5	S S	08:00AM-11:05AM 11:15AM-02:50PM	JACT-4 JACT-4	T Collins	02/25 - 06/03/23 02/25 - 06/03/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34742	ELE-403	Lecture Lab		3.5	S S	08:00AM-11:05AM 11:15AM-02:50PM	JACT-5 JACT-5	F Rodriguez	02/25 - 06/03/23 02/25 - 06/03/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (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.									
32979	ELE-405	Lecture Lab		3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-1 JACT-1	L Vergeront	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
32980	ELE-405	Lecture Lab		3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-5 JACT-5	M Felts	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
32981	ELE-405	Lecture Lab		3.5	S S	08:00AM-11:05AM 11:15AM-02:50PM	JACT-8 JACT-8	L Vergeront	02/25 - 06/03/23 02/25 - 06/03/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34743	ELE-405	Lecture Lab		3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-2 JACT-2	T Dillon	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34744	ELE-405	Lecture Lab		3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-4 JACT-4	P Brown	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (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.									
32994	ELE-407	Lecture Lab		3.5	S S	08:00AM-11:05AM 11:15AM-02:50PM	JACT-9 JACT-9	J Lepore	02/25 - 06/03/23 02/25 - 06/03/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34745	ELE-407	Lecture Lab		3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-6 JACT-6	T Collins	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34746	ELE-407	Lecture Lab		3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-6 JACT-6	S Kadella	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34747	ELE-407	Lecture Lab		3.5	S S	08:00AM-11:05AM 11:15AM-02:50PM	JACT-6 JACT-6	S Kadella	02/25 - 06/03/23 02/25 - 06/03/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (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)									
32995	ELE-409	Lecture Lab		3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-3 JACT-3	T Dillon	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
32996	ELE-409	Lecture Lab		3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-4 JACT-4	E Engberson	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34749	ELE-409	Lecture Lab		3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-5 JACT-5	T Collins	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34750	ELE-409	Lecture Lab		3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-8 JACT-8	J Lepore	02/13 - 06/09/23 02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									
34751	ELE-409	Lecture Lab		3.5	S S	08:00AM-11:05AM 11:15AM-02:50PM	JACT-7 JACT-7	G Montejano	02/25 - 06/03/23 02/25 - 06/03/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (909) 890-1703.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
34752	ELE-421	Lecture		3.5	TTh	03:00PM-04:10PM	JACT-7	F Rodriguez	02/13 - 06/09/23
		Lab			TTh	04:20PM-05:45PM	JACT-7		02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (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)									
34753	ELE-423	Lecture		3.5	TTh	06:00PM-07:10PM	JACT-7	S Kadella	02/13 - 06/09/23
		Lab			TTh	07:20PM-08:45PM	JACT-7		02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (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)									
34754	ELE-425	Lecture		3.5	TTh	06:00PM-07:10PM	JACT-9	P Gomber	02/13 - 06/09/23
		Lab			TTh	07:20PM-08:45PM	JACT-9		02/13 - 06/09/23
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Inland Empire Electrical Training Center. (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)									
34755	ELE-499	Lecture		4			ON-LINE	J Rowe	02/25 - 06/03/23
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.									
34756	ELE-499	Lecture		4			ON-LINE	J Rowe	02/25 - 06/03/23
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.)									
34763	ENE-10	Lecture		3	M	10:00AM-01:10PM	IT-125	A Johnson	02/13 - 06/09/23
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)									
34765	ENE-21	Lecture		3			ON-LINE	F Mirzaei	02/13 - 06/09/23
		Lab			T	02:00PM-05:10PM	ATEC-109		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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>									
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)									
34767	ENE-30	Lecture		3			ON-LINE	F Mirzaei	02/13 - 06/09/23
		Lab			T	06:00PM-09:10PM	ATEC-109		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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>									
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.)									
34768	ENE-35	Lecture		3	TTh	08:00AM-09:25AM	IT-202	A Johnson	02/13 - 06/09/23
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.									
34769	ENE-39	Lecture		4	T	06:00PM-09:10PM	IT-125	S Chng	02/13 - 06/09/23
		Lab			Th	06:00PM-09:10PM	IT-125		02/13 - 06/09/23
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)									
35468	ENE-42	Lecture		3			ON-LINE	F Mirzaei	02/13 - 06/09/23
		Lab			W	06:00PM-09:10PM	ATEC-109		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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>									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
34772	ENE-48	Lecture		3	S	08:00AM-10:20AM	IT-125	K Rad	02/25 - 06/03/23
		Lab			S	10:30AM-02:05PM	IT-125		02/25 - 06/03/23

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

ENE-51		Print Reading							
Prerequisite: None Advisory: ENE-21 or MAT-36 Description: A beginning course in the study of blueprints and their interpretation, types of projections, sections, symbols and abbreviations. This course is designed for students interested in engineering blueprint reading for the basic mechanical, electrical and machine trades. 27 hours lecture and 27 hours laboratory. Same as DFT-51. (Letter Grade, or Pass/No Pass option.)									
35475	ENE-51	Lecture		2			ON-LINE	P Van Hulle	04/18 - 06/08/23
		Lab			TTh	03:25PM-04:50PM	IT-127		04/18 - 06/08/23

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

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.									
34773	ENE-62	Lecture		3	MW	08:00AM-09:25AM	IT-125	A Johnson	02/13 - 06/09/23

## ENGLISH

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)									

33009	ENG-1A	Lecture	LTC	4			ON-LINE	B Alhoch	04/17 - 06/09/23
		Lab					ON-LINE		04/17 - 06/09/23

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.

34775	ENG-1A	Lecture		4	MW	07:45AM-09:00AM	IT-123	A Long	02/13 - 06/09/23
							ON-LINE	N Morford	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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.

34776	ENG-1A	Lecture	ZTC	4	MW	11:15AM-12:30PM	IT-208	L Hernandez	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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.

34777	ENG-1A	Lecture		4	T	07:20AM-09:25AM	IT-208	T Comstock	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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.

34778	ENG-1A	Lecture	ZTC	4	TTh	04:15PM-06:20PM	HUM-102	C Young	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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.

34779	ENG-1A	Lecture		4	Th	07:20AM-09:25AM	IT-208	T Comstock	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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.

34780	ENG-1A	Lecture		4	Th	02:00PM-04:05PM	LIBR-121	K Johnson-Jimenez	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

The above section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor(sean.davis@norccollege.edu) prior to enrolling. The above hybrid section requires concurrent enrollment in ENG 91-34853. 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.

34781	ENG-1A	Lecture		4	MW	02:30PM-04:35PM	IT-121	M Sloniger	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

The above hybrid section requires concurrent enrollment in ENG 91-34846. 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.

34782	ENG-1A	Lecture		4			ON-LINE	M Sloniger	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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

34783	ENG-1A	Lecture		4	Th	09:40AM-11:45AM	IT-206	T Comstock	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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.

34784	ENG-1A	Lecture		4	TTh	02:00PM-04:05PM	IT-123	A Elizalde	02/13 - 06/09/23
		Lab					ON-LINE	M Bader	02/13 - 06/09/23

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.

34785	ENG-1A	Lecture	ZTC	4			ON-LINE	A Allport	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34786	ENG-1A	Lecture	ZTC	4	TTh	02:00PM-04:05PM	IT-206	L Hernandez	02/13 - 06/09/23
		Lab					ON-LINE ON-LINE		02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34787	ENG-1A	Lecture	ZTC	4	MW	08:55AM-11:00AM	IT-206	A Elizalde	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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> .									
34788	ENG-1A	Lecture	ZTC	4				C Young	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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> .									
34789	ENG-1A	Lecture		4	TTh	10:45AM-12:50PM	WEQ-W6B	M Sloniger	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above hybrid section requires concurrent enrollment in ENG 91-34848. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
34791	ENG-1A	Lecture	ZTC	4	TTh	06:30PM-08:35PM	IT-121	J Reed	02/13 - 06/09/23
		Lab					ON-LINE	J Watson	02/13 - 06/09/23
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> .									
34792	ENG-1A	Lecture	ZTC	4			ON-LINE	R Hitch	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above online section requires concurrent enrollment in ENG 91-34847. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
34793	ENG-1A	Lecture	LTC	4	MW	04:15PM-05:30PM	IT-206	G Flores	02/13 - 06/09/23
		Lab					ON-LINE ON-LINE		02/13 - 06/09/23 02/13 - 06/09/23
The above online section requires concurrent enrollment in ENG 91-34850. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
34794	ENG-1A	Lecture		4			ON-LINE	A Elizalde	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above online section requires concurrent enrollment in ENG 91-34851. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
34795	ENG-1A	Lecture		4			ON-LINE	N Soriano	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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> .									
34796	ENG-1A	Lecture		4			ERHS-ONLN	J Reed	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.									
34797	ENG-1A	Lecture		4			ON-LINE	K Cordova	02/13 - 06/09/23
		Lab					ON-LINE	N Morford	02/13 - 06/09/23
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> .									
34798	ENG-1A	Lecture	ZTC	4			ON-LINE	S Camacho	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above online section requires concurrent enrollment in ENG 91-34852. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
34799	ENG-1A	Lecture		4			ON-LINE	M Bader	02/13 - 04/07/23
		Lab					ON-LINE		02/13 - 04/07/23
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.									
34800	ENG-1A	Lecture		4			ON-LINE	M Bader	02/13 - 04/07/23
		Lab					ON-LINE		02/13 - 04/07/23
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.									
34802	ENG-1A	Lecture		4			ON-LINE	C Brownell	02/13 - 04/07/23
		Lab					ON-LINE		02/13 - 04/07/23
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.									
34803	ENG-1A	Lecture	LTC	4			ON-LINE	T Wallace	02/13 - 04/07/23
		Lab					ON-LINE		02/13 - 04/07/23
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.									
34805	ENG-1A	Lecture	LTC	4			ON-LINE	R Mansikka	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above online section requires concurrent enrollment in ENG 91-34855. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
34808	ENG-1A	Lecture		4			ON-LINE	M Bader	04/17 - 06/09/23
		Lab					ON-LINE		04/17 - 06/09/23
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.									
34809	ENG-1A	Lecture		4			ON-LINE	M Bader	04/17 - 06/09/23
		Lab					ON-LINE		04/17 - 06/09/23
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.									
34810	ENG-1A	Lecture		4			ON-LINE	J Hill	04/17 - 06/09/23
		Lab					ON-LINE		04/17 - 06/09/23
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.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34811	ENG-1A	Lecture Lab	ZTC	4			ON-LINE ON-LINE	C Young	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
35432	ENG-1A	Lecture Lab		4			ON-LINE ON-LINE	K Cordova N Morford	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
35446	ENG-1A	Lecture Lab	ZTC	4	MW	11:15AM-12:30PM	IT-121 ON-LINE ON-LINE	A Allport	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
The above hybrid section requires concurrent enrollment in ENG 91-35493. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
35503	ENG-1A	Lecture Lab		4	S	08:00AM-10:00AM	IT-121 ON-LINE ON-LINE	M Pelle	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
The above section is a hybrid class and will only meet on the following dates: 2/25/23, 3/11/23, 3/25/23, 4/8/23, 4/22/23, 5/6/23, 5/20/23 and 6/3/23. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .									
35504	ENG-1A	Lecture Lab		4	S	10:30AM-12:30PM	IT-121 ON-LINE ON-LINE	M Pelle	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
The above section is a hybrid class and will only meet on the following dates: 2/25/23, 3/11/23, 3/25/23, 4/8/23, 4/22/23, 5/6/23, 5/20/23 and 6/3/23. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .									
<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)									
32988	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE	S Hicks	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34812	ENG-1B	Lecture Lab		4	Th	09:40AM-11:45AM	LIBR-121 ON-LINE ON-LINE	K Johnson-Jimenez	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
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 ( <a href="mailto:sean.davis@norcocollege.edu">sean.davis@norcocollege.edu</a> ) prior to enrolling. Concurrent enrollment in GUI-46 34896 is required. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
34813	ENG-1B	Lecture Lab	ZTC	4	T	09:40AM-11:45AM	IT-121 ON-LINE ON-LINE	S Camacho	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
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 ( <a href="mailto:daniel.grajeda@rccd.edu">daniel.grajeda@rccd.edu</a> ) 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
34814	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE	J Dobson	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34815	ENG-1B	Lecture Lab		4	MW	09:15AM-10:30AM	CACT-1 ON-LINE ON-LINE	A Moore	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34816	ENG-1B	Lecture Lab		4	MW	11:45AM-12:30PM	CACT-1 ON-LINE ON-LINE	A Moore	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34817	ENG-1B	Lecture Lab	ZTC	4	MWF	02:45PM-04:00PM	CACT-1 ON-LINE	D Mattson	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34818	ENG-1B	Lecture Lab	LTC	4	TTh	04:15PM-06:20PM	IT-208 ON-LINE	R Marsh	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34821	ENG-1B	Lecture Lab	ZTC	4	TTh	09:40AM-11:45AM	CACT-1 ON-LINE	C Young	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34822	ENG-1B	Lecture Lab	LTC	4			ON-LINE ON-LINE	S Tkach	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34823	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE	A Long	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34824	ENG-1B	Lecture Lab	ZTC	4	TTh	02:00PM-04:05PM	HUM-102 ON-LINE	A Allport	02/13 - 06/09/23 02/13 - 06/09/23
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> .									
34825	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE	J Dobson	04/17 - 06/09/23 04/17 - 06/09/23
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.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34826	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE	K Johnson-Jimenez	04/17 - 06/09/23 04/17 - 06/09/23
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.									
34827	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE	C Brownell	04/17 - 06/09/23 04/17 - 06/09/23
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.									
34828	ENG-1B	Lecture Lab	LTC	4			ON-LINE ON-LINE	T Wallace	04/17 - 06/09/23 04/17 - 06/09/23
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.									
34829	ENG-1B	Lecture Lab		4	TTh	08:00AM-10:05AM	WEQ-W6B ON-LINE	A Moore	02/13 - 06/09/23 02/13 - 06/09/23
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.									
34830	ENG-1B	Lecture Lab		4			ERHS-ONLN ON-LINE	S Hicks	02/13 - 06/09/23 02/13 - 06/09/23
The above section is restricted to High School students participating in Norco College's Dual Enrollment Program.									
34832	ENG-1B	Lecture Lab	ZTC	4			ON-LINE ON-LINE	J Gianunzio	02/13 - 06/09/23 02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34833	ENG-1B	Lecture Lab		4			JVHS-ONLN JVHS-ONLN	S Hicks	02/13 - 06/09/23 02/13 - 06/09/23
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.									
34835	ENG-1B	Lecture Lab		4	T Th	08:00AM-10:05AM 08:00AM-10:05AM	IT-127 IT-121 ON-LINE	B Beime	02/13 - 06/09/23 02/13 - 06/09/23 02/13 - 06/09/23
The above 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 www.rccd.edu/de.									
34836	ENG-1B	Lecture Lab	LTC	4			ON-LINE ON-LINE	R Marsh J Watson	02/13 - 06/09/23 02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34837	ENG-1B	Lecture Lab	ZTC	4			ON-LINE ON-LINE	S Camacho	02/13 - 06/09/23 02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35447	ENG-1B	Lecture Lab	ZTC	4			ON-LINE ON-LINE	J Gianunzio	02/13 - 06/09/23 02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35448	ENG-1B	Lecture Lab	ZTC	4			ON-LINE ON-LINE	J Meiser	02/13 - 06/09/23 02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
35451	ENG-1B	Lecture Lab	ZTC	4			ON-LINE ON-LINE	E Sapien	02/13 - 06/09/23 02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
<b>ENG-1BH Honors Critical Thinking and Writing</b>									
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)									
34838	ENG-1BH	Lecture Lab		4	TTh	09:40AM-11:45AM	IT-123 ON-LINE	D Reade	02/13 - 06/09/23 02/13 - 06/09/23
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.									
<b>ENG-4 Writing Tutor Training</b>									
Prerequisite: ENG-1A or ENG-1AH Description: Designed to prepare students to become peer tutors in the Writing Center. Participants learn specific tutoring techniques and discuss problems, questions, and challenges in tutoring writing. Tutors develop student-centered, non-intrusive tutoring skills that avoid appropriating the text (i.e., becoming a proofreader, editor, or co-author). Topics include theory and practice of tutoring writing, including writing as a process, interpersonal communication techniques, cross-cultural tutoring, group learning, and computer programs applicable to writing instruction. 27 hours lecture and 27 hours laboratory. (TBA option)									
34841	ENG-4	Lecture Lab		2			ON-LINE ON-LINE	N Capps	02/27 - 06/09/23 02/27 - 06/09/23
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-7 British Literature II: Romanticism through Modernism/Post-Modernism</b>									
Prerequisite: ENG-50 or ENG-80 or eligibility for ENG-1A Advisory: ENG-1B or ENG-1BH Description: A survey of British literature from 1800 to the present, including a comprehensive exposure to the poetry, drama, and fiction of this era as well as a basic understanding of the cultural, intellectual, and artistic trends it embodies. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)									
35436	ENG-7	Lecture		3	W	02:30PM-03:55PM	IT-123 ON-LINE	L Hernandez	02/13 - 06/09/23 02/13 - 06/09/23
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.									
<b>ENG-8 Introduction to Mythology</b>									
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)									
34845	ENG-8	Lecture		3	TTh	02:30PM-03:55PM	CACT-1	D Reade	02/13 - 06/09/23
<b>ENG-20 Survey of African American Literature</b>									
Prerequisite: None Advisory: ENG-1B or ENG-1BH Description: A survey of African American literature from the early oral tradition to the present 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,									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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.)									
34839	ENG-20	Lecture	LTC	3	W	12:45PM-02:10PM	LIBR-121 ON-LINE	K Johnson-Jimenez	02/13 - 06/09/23 02/13 - 06/09/23

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

ENG-40 World Literature I: From Ancient Literatures to the Seventeenth Century Prerequisite: ENG-50 or ENG-80 or qualification for ENG 1A. Advisory: ENG-1B or ENG-1BH Description: Significant works of world literature from Ancient literatures to the Seventeenth Century, including a comprehensive exposure to the poetic, dramatic, and prose forms of early cultures as well as a basic understanding of the cultural, intellectual, and artistic trends these works embody. Primary emphasis is on literature in translation. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)									
35435	ENG-40	Lecture	ZTC	3	M	02:30PM-03:55PM	IT-123 ON-LINE	L Hernandez	02/13 - 06/09/23 02/13 - 06/09/23

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](http://www.rccd.edu/de).

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.)									
34843	ENG-44	Lecture	ZTC	3	M	12:45PM-02:10PM	IT-123 ON-LINE	S Camacho	02/13 - 06/09/23 02/13 - 06/09/23

The above section is a hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://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.)									
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34846	ENG-91	Lecture		2			ON-LINE	M Sloniger	02/13 - 06/09/23
The above section is an online class and requires concurrent enrollment in ENG-1A-34781. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									

34847	ENG-91	Lecture	ZTC	2			ON-LINE	R Hitch	02/13 - 06/09/23
The above section is an online class and requires concurrent enrollment in ENG-1A-34792. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									

34848	ENG-91	Lecture		2			ON-LINE	M Sloniger	02/13 - 06/09/23
The above section is an online class and requires concurrent enrollment in ENG-1A-34789. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									

34850	ENG-91	Lecture	LTC	2			ON-LINE	G Flores	02/13 - 06/09/23
The above section requires concurrent enrollment in ENG-1A-34793. 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.									

34851	ENG-91	Lecture		2			ON-LINE	A Elizalde	02/13 - 06/09/23
The above section is an online class and requires concurrent enrollment in ENG-1A-34794. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									

34852	ENG-91	Lecture	ZTC	2			ON-LINE	S Camacho	02/13 - 06/09/23
The above online section requires concurrent enrollment in ENG-1A-34798. 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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									

34853	ENG-91	Lecture		2			ON-LINE	K Johnson-Jimenez	02/13 - 06/09/23
The above section requires concurrent enrollment in ENG-1A-34780. 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 ( <a href="mailto:sean.davis@norccollege.edu">sean.davis@norccollege.edu</a> ) prior to enrolling.									

34855	ENG-91	Lecture		2			ON-LINE	R Mansikka	02/13 - 06/09/23
The above section requires concurrent enrollment in ENG-1A-34805. 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.									

35493	ENG-91	Lecture	ZTC	2			ON-LINE	A Allport	02/13 - 06/09/23
The above section requires concurrent enrollment in ENG-1A-35446. 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 1,000 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.)									
34857	ESL-46	Lecture		5	TTh	06:30PM-09:00PM	IT-211	L Tougas	02/13 - 06/09/23

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 1,750 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.)									
34858	ESL-47	Lecture		5			ON-LINE	M Shirinian	02/13 - 06/09/23

The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://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 3,000 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.									
34859	ESL-48	Lecture		5	M	06:30PM-08:35PM	IT-211	D Tougas	02/13 - 06/09/23
					W	06:30PM-09:40PM	IT-211		02/13 - 06/09/23
		Lab			M	08:45PM-09:35PM	IT-211		02/13 - 06/09/23

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 4,500 words of instructor-evaluated writing									
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SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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.									
34860	ESL-49	Lecture		5	TTh	09:15AM-10:50AM	IT-211	M Shirinian	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23

The above section is a hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://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 6,000 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)

34861	ESL-50	Lecture		5	TTh	10:55AM-12:30PM	IT-211	M Shirinian	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23

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

**ESL-92** Oral Skills II: Intermediate Oral Communication  
 Prerequisite: None Advisory: ESL-91 (completion) or ESL-47 or ESL-847 (qualification or concurrent enrollment) Description: This course develops intermediate conversation, pronunciation, idiomatic and aural comprehension skills. It is intended for non-native speakers of English who can make themselves understood but are not yet proficient in self-expression. Conversational and idiomatic skills focus on fluent and appropriate use of oral communication skills in a variety of social, business and/or academic situations. Pronunciation focuses on clearer articulation of English vowels and consonants and on increased control of the stress, intonation and rhythm of English. Listening comprehension stresses understanding verbal instructions and questions on campus and in the workplace. Students continue to learn appropriate verbal and non-verbal behavior as well as conversation management techniques to exchange ideas in small and large group communication. 54 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)

35502	ESL-92	Lecture		3			ON-LINE	M Shirinian	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

## ENTREPRENEURSHIP

**ENP-50** Introduction to Entrepreneurship  
 Prerequisite: None Description: Designed for those interested in starting their own business, either as their primary income or extra income, including individual contributor businesses such as freelancers, contractors, consultants, and others in the gig economy. The curriculum is centered on three key aspects of entrepreneurship: 1) the individual, their traits, skills, and attributes that make entrepreneurs successful, 2) the business ideas, how to generate them, where to look for them, how to expand them, and 3) how to ensure they are valid business ideas with potential to meet profit goals. These elements, developed in the course, will assist any current or potential entrepreneur develop and grow a business now or in the future. 54 hours lecture. (Letter grade only)

35499	ENP-50	Lecture		3			SANT-ONLN	A Martin	02/13 - 06/09/23
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> The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program.									

35508	ENP-50	Lecture		3			ERHS-ONLN	A Martin	02/13 - 06/09/23
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> The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.									

**ENP-51** Entrepreneurship Basics  
 Prerequisite: None Description: Entrepreneurship has been described as the capacity and willingness to develop, organize and manage a business venture along with any of its risks in order to make a profit. This course will expose students to the basics of entrepreneurship, including design thinking, customer assessment, and problem solving. Additionally, students will focus on lean market strategies for testing product/service validity. 54 hours lecture. (Letter grade only)

35501	ENP-51	Lecture		3			ON-LINE	A Martin	04/17 - 06/09/23
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.									

35556	ENP-51	Lecture		3	Th	06:00PM-09:10PM	ATEC-109	A Martin	04/17 - 06/09/23
							ON-LINE		04/17 - 06/09/23

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

## ETHNIC STUDIES

**ETS-1** Introduction to Ethnic Studies  
 Prerequisite: None. Description: An introduction to the academic discipline of Ethnic Studies. Ethnic Studies is unique as an educational experience that defines and redefines the lives of people of color from their own perspectives. This course is an intersectional investigation that focuses on the histories, cultures and experiences of African Americans, Latinx peoples, Asian American and Pacific Islander, Indigenous peoples of America, and Middle Eastern and Arab American. Additionally, this course shall explore the work of key theorists of race, ethnicity, de-colonization and futurity whose work and ideas have formed the basis of the discipline. This course is in dialogue with the creative historical work of social movements, cultural and artistic productions, legal and public policy activisms, indigenous and liberationist epistemologies, community and identity formation, and radical social and political thought. This course emphasizes ideologies of resistance, persistence, liberation struggle, and radical knowledge production that both confront and transform oppressive conditions and create new possibilities for social change. (Letter grade only)

35309	ETS-1	Lecture		3			ON-LINE	N Quinones	02/13 - 06/09/23
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>									

35311	ETS-1	Lecture		3	TTh	11:15AM-12:40PM	IT-108	N Quinones	02/13 - 06/09/23
35313	ETS-1	Lecture		3	MW	09:40AM-11:05AM	HUM-111	N Quinones	02/13 - 06/09/23

**ETS-2** Introduction to Chicana/O/X Studies  
 Prerequisite: None Description: Introduction to the academic discipline of Chicana/o/x Studies. The course will focus on the varied experiences of 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. (Same as HIS-31) 54 hours lecture.

35315	ETS-2	Lecture		3			ON-LINE	N Quinones	02/13 - 06/09/23
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>									

**ETS-8** Introduction to Black Feminism  
 Prerequisite: None. Description: An interdisciplinary, multi-perspective, critical analysis, and comparative study of Black Feminism. Students will examine some of the key theories and ideas of Black Feminism and Black Feminist Thought, including womanist theory, the theory of intersectionality, and standpoint theory. The course will consider how Black women have challenged the intersecting effects of racism, sexism, classism, colonialism, homophobia, media exploitation, and other forms of social violence. Students will read

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
major works, learn to engage in critical dialogue, and articulate their own positions concerning the basic ideas and principles of Black Feminism. The values, experience, and cultural contributions of Black feminist and/or Black womanist individuals in the United States will be identified, examined, and authenticated. 54 hours lecture. (Letter grade only)									
35505	ETS-8	Lecture		3			ON-LINE	N Quinones	02/13 - 06/09/23

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

## 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.)

34869	FRE-1	Lecture		5	Th	06:00PM-08:30PM	LIBR-109	A Smith	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23

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

34871	GAM-1	Lecture		3			ON-LINE	J Finley	02/13 - 06/09/23
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

35439	GAM-1	Lecture		3	TTh	09:40AM-11:05AM	STEM-115	J Finley	02/13 - 06/09/23
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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)

34872	GAM-2	Lecture		3	TTh	08:00AM-09:25AM	STEM-115	J Finley	02/13 - 06/09/23
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34873	GAM-2	Lecture		3			ON-LINE	J Finley	02/13 - 06/09/23
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

34874	GAM-2	Lecture		3			ON-LINE	J Coverdale	02/13 - 06/09/23
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

35440	GAM-2	Lecture		3			ON-LINE	R Bourbeau	02/13 - 06/09/23
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de

GAM-3A Game Design

Prerequisite: None Description: An introduction to the fundamental techniques, concepts, vocabulary, and practical application of these skills towards the discipline of game design. 54 hours lecture.

35441	GAM-3A	Lecture		3	MW	09:15AM-10:40AM	STEM-115	J Clendenning	02/13 - 06/09/23
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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.

34875	GAM-3B	Lecture		3			ON-LINE	D Capps	02/13 - 06/09/23
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The above section is an online class. Computer with Internet access required. See 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.

34876	GAM-4B	Lecture		3			ON-LINE	D Capps	02/13 - 06/09/23
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

GAM-5A Concept Art

Prerequisite: NONE Description: Introduction to digital drawing techniques using industry standard software. Covers the usage of digital drawing hardware and drawing skills with an emphasis on creative and conceptual expression. A course in sketching, digital drawing, matte painting, and visual ideation targeted towards the video games industry. Emphasizes topics in anatomy, perspective, color, mood, shape, and context. 54 hours lecture.

35442	GAM-5A	Lecture		3			ON-LINE	J Clendenning	02/13 - 06/09/23
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de

GAM-6A 3D Digital Modeling

Prerequisite: NONE Description: Introduces concepts of 3D Modeling in a virtual environment. Emphasis is on the introduction of three-dimensional concepts, the use of modeling tools, and menu structures within applications of 3D design systems. 54 hours lecture.

35443	GAM-6A	Lecture		3			ON-LINE	J Clendenning	02/13 - 06/09/23
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The above section is an online class. Computer with Internet access required. See 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)

34879	GAM-7	Lecture		3	F	08:00AM-11:35AM	STEM-115	J Clendenning	02/24 - 06/09/23
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The above section is a short-term class. Please note the start and end dates.

34880	GAM-7	Lecture		3			ON-LINE	J Clendenning	02/13 - 06/09/23
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The above section is an online class. Computer with Internet access required. See 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.

34881	GAM-8	Lecture		3			ON-LINE	J Finley	02/13 - 06/09/23
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The above section is an online class. Computer with Internet access required. See 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)

32974	GEG-1	Lecture		3			ON-LINE	R Christov	02/13 - 06/09/23
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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).

34882	GEG-1	Lecture	ZTC	3			ON-LINE	E Peprah	02/13 - 06/09/23
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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).

34883	GEG-1	Lecture		3	MW	08:00AM-09:25AM	A TEC-205	S Justice	02/13 - 06/09/23
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34884	GEG-1	Lecture		3			ON-LINE	S Justice	02/13 - 06/09/23
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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).

34886	GEG-1	Lecture		3			ON-LINE	E Ogbuchiekwe	02/13 - 06/09/23
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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).

34887	GEG-1	Lecture		3	TTh	08:00AM-09:25AM	A TEC-205	S Justice	02/13 - 06/09/23
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### GEG-1L Physical Geography Laboratory

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.

32975	GEG-1L	Lab		1			ON-LINE	R Christov	02/13 - 06/09/23
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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).

34888	GEG-1L	Lab		1			ON-LINE	S Justice	02/13 - 06/09/23
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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).

34889	GEG-1L	Lab		1	MW	11:10AM-12:35PM	A TEC-205	S Justice	02/13 - 06/09/23
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34890	GEG-1L	Lab		1	TTh	11:00AM-12:25PM	A TEC-205	S Justice	02/13 - 06/09/23
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34892	GEG-1L	Lab		1			ON-LINE	E Ogbuchiekwe	02/13 - 06/09/23
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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).

34893	GEG-1L	Lab		1			ON-LINE	E Ogbuchiekwe	02/13 - 06/09/23
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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).

## GUIDANCE

### GUI-45 Introduction to College

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.

34895	GUI-45	Lecture	ZTC	1			ON-LINE	A Kramer	02/13 - 04/07/23
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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.

35498	GUI-45	Lecture	ZTC	1			ON-LINE	A Kramer	04/24 - 06/02/23
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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.

### GUI-46 Intro Transfer Process

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.)

34896	GUI-46	Lecture		1	Th	08:00AM-08:50AM	LIBR-121	A Davis	02/13 - 06/09/23
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This section is designed with special emphasis on African American culture. See the Umoja counselor ([sean.davis@norcocollege.edu](mailto:sean.davis@norcocollege.edu)) prior to enrolling. Internet access is required. Concurrent enrollment in ENG 1B 34812 is required.

34897	GUI-46	Lecture	ZTC	1	Th	10:15AM-11:05AM	IT-121	M Jurado-Martinez	02/13 - 06/09/23
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The above section will focus on the Chicano experience and is designed for students in the Puente Program. See the Puente counselor before enrolling ([maria.jurado@norcocollege.edu](mailto:maria.jurado@norcocollege.edu)).

34898	GUI-46	Lecture	ZTC	1			ON-LINE	B Quintanar	02/13 - 04/07/23
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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.

34899	GUI-46	Lecture	ZTC	1			ON-LINE	B Quintanar	04/17 - 06/09/23
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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.

35497	GUI-46	Lecture	ZTC	1			ON-LINE	L Martin	04/24 - 06/02/23
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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.

### GUI-47 Career Exploration and Life Planning

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.

32984	GUI-47	Lecture		3			ERHS-ONLN	S Alcalá	02/13 - 06/09/23
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This section is restricted to Eleanor Roosevelt 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](http://www.rccd.edu/de)

32993	GUI-47	Lecture		3	TTh	02:15PM-03:50PM	OGHS-106	R Zaragoza	02/28 - 06/09/23
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34902	GUI-47	Lecture		3			ON-LINE	A Davis	02/13 - 06/09/23
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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)

34904	GUI-47	Lecture	LTC	3			ON-LINE	J Moore	02/13 - 06/09/23
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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).

34905	GUI-47	Lecture	LTC	3	MW	09:15AM-10:40AM	IT-209	R Smith	02/13 - 06/09/23
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SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34906	GUI-47	Lecture	ZTC	3			ON-LINE	A Moreno	02/13 - 04/07/23
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.									
34907	GUI-47	Lecture	ZTC	3			ON-LINE	J Brekke	04/17 - 06/09/23
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.									
34909	GUI-47	Lecture	ZTC	3			JVHS-ONLN	D Harshbarger	02/13 - 06/09/23
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									
34910	GUI-47	Lecture		3			ERHS-ONLN	C Flores	02/13 - 06/09/23
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 www.rccd.edu/de									
34911	GUI-47	Lecture		3	TTh	03:45PM-05:10PM	CENT-206	A Thompson	02/13 - 06/09/23
The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.									
34912	GUI-47	Lecture		3			ON-LINE	A Moreno	02/13 - 06/09/23
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 www.rccd.edu/de.									
34913	GUI-47	Lecture		3			CAVA-ONLN	A Moreno	02/13 - 06/09/23
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									
34916	GUI-47	Lecture		3	W	04:15PM-05:40PM	REG-MEET ON-LINE	A Bailey	02/13 - 06/09/23 02/13 - 06/09/23
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 (sean.davis@norcocollege.edu) 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.									
34917	GUI-47	Lecture		3	W	04:15PM-05:40PM	REG-MEET ON-LINE	A Bailey	02/13 - 06/09/23 02/13 - 06/09/23
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program 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.									
34919	GUI-47	Lecture	ZTC	3	M	08:30AM-09:45AM	REG-MEET ON-LINE	C Beirne	02/13 - 06/09/23 02/13 - 06/09/23
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									
34920	GUI-47	Lecture		3			CUUSD-ONLN	E Montgomery	02/13 - 06/09/23
The above section is restricted to the CNUUSD High School students participating in Norco College's Dual Enrollment Program.									
35425	GUI-47	Lecture		3	TTh	06:55AM-08:20AM	NOHS-B45	N Parada	02/13 - 06/09/23
The above section is restricted to Norco High School students participating in Norco College's Dual Enrollment Program.									
35426	GUI-47	Lecture	ZTC	3	TTh	09:40AM-11:05AM	IT-125	J Midgett	02/13 - 06/09/23
35427	GUI-47	Lecture	ZTC	3	MW	12:45PM-02:10PM	WEQ-W7	M Alanis	02/13 - 06/09/23
35429	GUI-47	Lecture		3	W	06:00PM-09:10PM	IT-210	C Flores	02/13 - 06/09/23
35430	GUI-47	Lecture	LTC	3			ON-LINE	A Moreno	04/24 - 06/02/23
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.									
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)									
34921	GUI-48	Lecture		3			ON-LINE	A Davis	02/13 - 04/07/23
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.									
34922	GUI-48	Lecture		3			ON-LINE	R Chacon	02/13 - 04/07/23
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.									
34925	GUI-48	Lecture	ZTC	3			ERHS-ONLN	M Hernandez	02/13 - 06/09/23
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. Internet access required.									
35431	GUI-48	Lecture		3			ON-LINE	R Chacon	04/17 - 06/09/23
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.									
35486	GUI-48	Lecture		3			ON-LINE	J Rubino	04/24 - 06/02/23
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.									

## 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 a healthy lifestyle including getting fit, disease prevention and treatments, use and abuse of substances, 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 only) (Same as BIO-35)									
34926	HES-1	Lecture		3	MW	02:30PM-03:55PM	WEQ-W7	T Wallstrom	02/13 - 06/09/23
34927	HES-1	Lecture		3			ON-LINE	V Genian	04/17 - 06/09/23
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.									
34928	HES-1	Lecture		3			ON-LINE	S Witmer	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34929	HES-1	Lecture		3	TTh	09:40AM-11:05AM	WEQ-W3	S Witmer	02/13 - 06/09/23
34932	HES-1	Lecture		3			ON-LINE	T Wallstrom	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35249	HES-1	Lecture		3			ON-LINE	T Wallstrom	02/13 - 06/09/23
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> .									
35251	HES-1	Lecture		3			ON-LINE	T Wallstrom	02/13 - 06/09/23
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> .									
35254	HES-1	Lecture		3			ON-LINE	V Genian	04/17 - 06/09/23
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.									

## HISTORY

HIS-1	World History to 1500								
Prerequisite: None. Description: A survey of the historical development of global societies, major social, political, and economic ideas and institutions from their origins until the 16th century. Principal areas to be covered are: African civilizations of the Nile and sub-Saharan areas, Mesopotamian civilizations, Greek and Roman Civilizations, Medieval and Reformation Europe, the Indus River, China and Japan. 54 hours lecture. (Letter grade only)									
35417	HIS-1	Lecture		3			ON-LINE	C Day	02/13 - 06/09/23
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-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)									
34935	HIS-2	Lecture	LTC	3	TTh	11:15AM-12:40PM	HUM-103	S Kyriakos	02/13 - 06/09/23
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 HIS-6H. 54 hours lecture. (Letter grade)									
33014	HIS-6	Lecture		3			ON-LINE	B Baca	04/17 - 06/09/23
The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
34940	HIS-6	Lecture		3			ON-LINE	T Russell	02/13 - 06/09/23
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> .									
34941	HIS-6	Lecture		3			ON-LINE	T Russell	02/13 - 06/09/23
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> .									
34942	HIS-6	Lecture	ZTC	3	TTh	04:10PM-05:35PM	HUM-103	C Delgadillo	02/13 - 06/09/23
34943	HIS-6	Lecture		3			ON-LINE	T Russell	02/13 - 06/09/23
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> .									
34944	HIS-6	Lecture		3			ON-LINE	L Pelgone	02/13 - 06/09/23
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> .									
34945	HIS-6	Lecture		3	MW	09:15AM-10:40AM	HUM-103	H Vion	02/13 - 06/09/23
35419	HIS-6	Lecture		3	MW	02:30PM-03:55PM	HUM-103	H Vion	02/13 - 06/09/23
HIS-7	United States History From 1865								
Prerequisite: None Advisory: ENG-83 or ENG-50 or ENG-80 or qualification for ENG-1A Description: Political, social and economic development of the United States from 1865 to the present; the evolution of American thought and institution; principles of national, state, and local government. Students may not receive credit for both HIS-7 and HIS-7H. 54 hours lecture.									
34947	HIS-7	Lecture	ZTC	3			ON-LINE	S Kyriakos	02/13 - 06/09/23
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> .									
34948	HIS-7	Lecture	ZTC	3			ON-LINE	S Kyriakos	02/13 - 06/09/23
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> .									
34949	HIS-7	Lecture	ZTC	3			ON-LINE	S Kyriakos	02/13 - 06/09/23
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> .									
34950	HIS-7	Lecture		3	MW	11:10AM-12:35PM	HUM-103	H Vion	02/13 - 06/09/23
34951	HIS-7	Lecture		3			ON-LINE	D Reina	02/13 - 06/09/23
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> .									
34952	HIS-7	Lecture		3	Th	06:00PM-09:10PM	HUM-103	B Baca	02/13 - 06/09/23
35420	HIS-7	Lecture		3	TTh	08:00AM-09:25AM	HUM-103	T Russell	02/13 - 06/09/23
35421	HIS-7	Lecture	ZTC	3	TTh	02:00PM-03:25PM	HUM-103	S Kyriakos	02/13 - 06/09/23
HIS-14	African American History I								
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)									
34933	HIS-14	Lecture		3	TTh	09:40AM-11:05AM	HUM-103	T Russell	02/13 - 06/09/23
34934	HIS-14	Lecture		3			ON-LINE	T Knight	02/13 - 06/09/23
This section is restricted to the High School students participating in Norco College's Dual Enrollment Program. The section is an online class. Computer internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
HIS-25	History of Mexico								
Prerequisite: None. Description: A general survey of the history of Mexico from its pre-conquest origins, Spanish Conquest and colonial society, independence and political evolution, foreign intervention and modernization, Revolution and reforms, and continued development to the present. The class examines political, economic, cultural, and social transformations of the country with attention to local and regional experiences. It also looks at Mexico's relationship to the rest of the world, particularly the United States, and how these relationships impact the nation politically, economically, culturally, and socially. 54 hours lecture. (Letter grade only)									
35418	HIS-25	Lecture		3			ON-LINE	D Reina	02/13 - 06/09/23
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#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
HIS-31		Introduction to Chicana/O/X Studies							
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)									
34938	HIS-31	Lecture	ZTC	3	TTh	02:00PM-03:25PM	ATEC-204	C Delgado	02/13 - 06/09/23

## HUMANITIES

HUM-4		Arts and Ideas: Ancient World Through the Late Medieval Period							
Prerequisite: None Advisory: REA-83 and qualification for ENG-1A Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, and religion of Western Civilization. The cultural achievements of the ancient world and the middle ages are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to modern thought. Students may not receive credit for both HUM-4 and HUM-4H. 54 hours lecture.									
34961	HUM-4	Lecture		3			ON-LINE	A Silva	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									

HUM-5		Arts and Ideas: Renaissance through the Modern Era							
Prerequisite: None Advisory: REA-83 and qualification for English 1A Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, photography, cinema, media, and religion of Western civilization. The cultural achievements of the Renaissance, Enlightenment, Romantic, Modern and post-modern periods are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to contemporary thought Students may not receive credit for both HUM-5 and HUM-5H. 54 hours lecture.									
34963	HUM-5	Lecture		3			ON-LINE	G DeAngelis	04/17 - 06/09/23
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.									

HUM-5H		Honors Arts and Ideas:The Renaissance through the Modern Era							
Prerequisite: None Advisory: REA-83 and qualification for English 1A Limitation on enrollment: Enrollment in Honors Program Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, photography, cinema, media, and religion of Western civilization. The cultural achievements of the Renaissance, Enlightenment, Romantic, Modern and post-Modern periods are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to modern thought. This Honors course offers an enriched experience for accelerated students by means of limited class size, seminar format, discussions and projects generated and led by students, a focus on primary texts in translation, and the applications of higher-level thinking and writing skillsanalysis, synthesis, and evaluation. Students may not receive credit for both HUM-5 and HUM-5H. 54 hours lecture.									
35268	HUM-5H	Lecture		3	MW	02:30PM-03:55PM	ATEC-204	M Bobo	02/13 - 06/09/23

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)									
34964	HUM-8	Lecture		3	TTh	02:30PM-03:55PM	CACT-1	D Reade	02/13 - 06/09/23

HUM-10		World Religions							
Prerequisite: None Description: An introduction to the methods of the academic study of religion and analysis of the category of "religion." Provides a nonsectarian survey and analysis of the concepts, practices, and historical and cultural influences of major world religious traditions, which may include indigenous religions, such as Native American, African, Afro-Caribbean, and Oceanic religions; Asian-origin religions, such as Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, and Shinto; Middle Eastern-origin religions, such as Judaism, Christianity, Islam, and Zoroastrianism; and New Religious Movements, such as atheism, Scientology, Neopaganism, and New Age. Students may not receive credit for both HUM-10 and HUM-10H. 54 hours lecture. (Letter grade only)									
34955	HUM-10	Lecture		3			ON-LINE	M Bobo	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									

34956	HUM-10	Lecture		3			ON-LINE	M Bobo	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									

34957	HUM-10	Lecture		3	T	06:00PM-09:10PM	ATEC-204	D Ketcham	02/13 - 06/09/23
35235	HUM-10	Lecture		3			ON-LINE	G DeAngelis	02/13 - 06/09/23

The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
35236	HUM-10	Lecture		3	MW	09:15AM-10:40AM	ATEC-204	M Bobo	02/13 - 06/09/23

HUM-11		Religion in America							
Prerequisite: None Advisory: HUM-10, REA-83 and qualification for ENG-1A Description: Thought and practice of American religious traditions, including Native American practices, Protestantism, American religious sects (Mormons, Seventh-Day Adventists), Catholicism, Judaism, and Asian religions. Attention is also directed to the relationship between religion and politics, and religion and the different ethnic and racial groups of American culture. Course requires participant observation in different religious settings. 54 hours lecture.									
35237	HUM-11	Lecture		3			ON-LINE	M Bobo	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									

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									
34960	HUM-35	Lecture		3	MW	11:10AM-12:35PM	WEQ-W6B	J Sentmanat	02/13 - 06/09/23

## JOURNALISM

JOU-7		Mass Communications							
Prerequisite: None. Advisory: ENG-50 or ENG-80 or qualifying placement into ENG-1A. Description: Survey of mass communication and the interrelationships of media with society including history, structure, and trends in a digital age. Discussion of theories and effects, economics, technology, law and ethics, global media, media literacy, and social issues, including gender and cultural diversity. 54 hours lecture.									
32983	JOU-7	Lecture		3			ON-LINE	J Vierra	04/17 - 06/09/23
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.									

## KINESIOLOGY

KIN-4		Nutrition							
Prerequisite: None Description: The principles of modern nutrition and its application. The importance of a scientific knowledge of nutrition, specific food nutrients and nutritional controversies. A study of modern convenience foods and their impact on present day diets. 54 hours lecture.(Letter grade only)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34975	KIN-4	Lecture		3			ON-LINE	S Witmer	02/13 - 06/09/23
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> .									
34976	KIN-4	Lecture		3			ON-LINE	S Witmer	02/13 - 06/09/23
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> .									
34977	KIN-4	Lecture		3	TTh	08:00AM-09:25AM	WEQ-W7	T Wallstrom	02/13 - 06/09/23
35261	KIN-4	Lecture		3			ON-LINE	T Wallstrom	02/13 - 06/09/23
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> .									
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.									
34968	KIN-10	Lecture		3			ON-LINE	R Aguilar	02/13 - 06/09/23
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> .									
34969	KIN-10	Lecture		3	MW	02:30PM-03:55PM	WEQ-W4	R Aguilar	02/13 - 06/09/23
KIN-16	Introduction to Athletic Training								
Prerequisite: None Description: TBasic concepts of athletic training with emphasis in the prevention and care of athletic injuries. Basic taping techniques will be presented and practiced. 45 hours lecture and 27 hours laboratory. (Letter grade)									
35298	KIN-16	Lecture	ZTC	3	W	04:15PM-06:45PM	WEQ-W3	K Blank	02/13 - 06/09/23
		Lab			W	07:00PM-08:25PM	WEQ-W3		02/13 - 06/09/23
KIN-29	Soccer Theory								
Prerequisite: None Description: The study of various aspects of coaching the sport of soccer. Students will learn rules, principles for training, team management, communication skills, how to recruit players and techniques for teaching individual skills, offensive and defensive play and team strategies. 54 hours lecture. (Letter grade only)									
35255	KIN-29	Lecture		3	T	04:00PM-07:10PM	WEQ-W3	D Rea	02/13 - 06/09/23
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)									
34971	KIN-30	Lecture		3	W	09:15AM-10:40AM	WEQ-W3	S Witmer	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
This section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .									
35257	KIN-30	Lecture		3	Th	06:30PM-09:40PM	WEQ-W3	A Gutierrez	04/17 - 06/09/23
							ON-LINE		04/17 - 06/09/23
The above section is a short term hybrid class. Computer with Internet access required. See <a href="http://www.opencampus.com">www.opencampus.com</a> . Please note the start and end dates.									
35265	KIN-30	Lecture		3	TTh	08:00AM-09:25AM	WEQ-W3	S Witmer	04/17 - 06/09/23
							ON-LINE		04/17 - 06/09/23
The above section is a short term hybrid 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-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)									
34972	KIN-35	Lecture		3			ON-LINE	D Bednarczyk	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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)									
32986	KIN-36	Lecture		3			ON-LINE	R Aguilar	04/17 - 06/09/23
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.									
34973	KIN-36	Lecture		3			ON-LINE	R Aguilar	02/13 - 06/09/23
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> .									
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)									
34974	KIN-38	Lecture		3			ON-LINE	N Hightower	02/13 - 06/09/23
		Lab			TTh	02:20PM-03:55PM	WEQ-W2		02/13 - 06/09/23
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: Beginning karate will develop the basic skills needed for the art of unarmed self-defense. This includes the use of blocking, punching, 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.)									
34978	KIN-A40	Lab		1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	02/13 - 06/09/23
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.)									
34979	KIN-A41	Lab		1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	02/13 - 06/09/23
KIN-A43	T'ai-chi Ch'uan, Beginning								
Prerequisite: None Description: Covers Beginning and Short Form Yang Style T'ai-chi ch'uan (taijiquan) routines. Beginning T'ai-chi form is a 24 movement routine, to introduce the student to basic walking stances along with hand movements. The Short Form is a 37 movement routine, providing emphasis on balance and fluidity of movement. Students will learn proper posture, relaxation methods, stances, hand and foot motions. Benefits include improved balance, flexibility, coordination, focus, and stress reduction. Supplemental									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
exercises will include stretching methods, ch'i kung (qigong) and Chinese therapeutic exercises. KIN-A40, A41, A43, and A44 are courses related in content and are limited in enrollment according to Title 5, section 55040. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
35266	KIN-A43	Lab		1	TTh	11:15AM-12:40PM	WEQ-W2	F Stewart	02/13 - 06/09/23
KIN-A44 T'ai-chi Ch'uan, Intermediate Prerequisite: KIN-A43 Description: A continuation of Yang Style T'ai-chi Ch'uan. Covers more advanced forms and training methods. Students will learn the Yang Style T'ai-chi Ch'uan (taijiquan) 108 movement Long Form. Students will also learn standing and seated meditations, and supplemental exercises. KIN-A40, A41, A43, and A44 are courses related in content and are limited in enrollment according to Title 5, section 55040. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
35267	KIN-A44	Lab		1	TTh	11:15AM-12:40PM	WEQ-W2	F Stewart	02/13 - 06/09/23
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.)									
34980	KIN-A46	Lab		1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	02/13 - 06/09/23
34981	KIN-A46	Lab		1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	02/13 - 06/09/23
34984	KIN-A46	Lab		1	MW	09:15AM-10:40AM	WEQ-W2	L Zank	02/13 - 06/09/23
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.)									
34985	KIN-A47	Lab		1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	02/13 - 06/09/23
34987	KIN-A47	Lab		1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	02/13 - 06/09/23
34989	KIN-A47	Lab		1	MW	09:15AM-10:40AM	WEQ-W2	L Zank	02/13 - 06/09/23
KIN-A62 Flag Football Prerequisite: None. Description: Skills, techniques, strategy, and rules of flag football. Emphasizes skill improvement, team unity, and safety procedures. KIN-A62 and A62A 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.)									
35270	KIN-A62	Lab		1	MW	11:00AM-12:25PM	SOCR-1	R Aguilar	02/13 - 06/09/23
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)									
34991	KIN-A64A	Lab		1	MW	02:30PM-03:55PM	SOCR-2	B Kuderman	02/13 - 06/09/23
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)									
34993	KIN-A64B	Lab		1	MW	02:30PM-03:55PM	SOCR-2	B Kuderman	02/13 - 06/09/23
KIN-A64C Soccer, Advanced Prerequisite: KIN-A64B. Description: Offensive and defensive team strategies will be developed along with an increase in individual soccer skills. Emphasis is placed on team strategies, lifetime fitness and perfecting skill techniques. 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)									
35272	KIN-A64C	Lab		1	MW	02:30PM-03:55PM	SOCR-2	B Kuderman	02/13 - 06/09/23
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.)									
34994	KIN-A75A	Lab		1			ON-LINE	R Aguilar	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .									
34995	KIN-A75A	Lab		1			ON-LINE	D Bednarczyk	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
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.)									
34996	KIN-A75B	Lab		1			ON-LINE	D Bednarczyk	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
34997	KIN-A75B	Lab		1			ON-LINE	R Aguilar	02/13 - 06/09/23
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.)									
34998	KIN-A81A	Lab		1	MW	09:15AM-10:40AM	WEQ-W8	R Aguilar	02/13 - 06/09/23
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.)									
34999	KIN-A81B	Lab		1	MW	09:15AM-10:40AM	WEQ-W8	R Aguilar	02/13 - 06/09/23
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)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35002	KIN-A90A	Lab		1	TTh	12:45PM-02:10PM	WEQ-W8	V Genian	02/13 - 06/09/23
KIN-A90B Weight Training - Intermediate Prerequisite: KIN-A90A Description: Weight training course for students who have a basic background in weight lifting. Emphasis is placed on furthering strength development, cardiovascular endurance and flexibility. 54 hours laboratory. (Letter grade only)									
35262	KIN-A90B	Lab		1	TTh	12:45PM-02:10PM	WEQ-W8	V Genian	02/13 - 06/09/23
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.)									
35003	KIN-V95	Lab		1	TTh	08:00AM-09:25AM	WEQ-W8	D Rea	02/13 - 06/09/23
35004	KIN-V95	Lab		1	MW	04:15PM-05:40PM	WEQ-W8	B Kuderman	02/13 - 06/09/23

## LIBRARY

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.)									
35005	LIB-1	Lecture	ZTC	1			ON-LINE	B Ramirez	02/13 - 04/07/23
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de.									
35006	LIB-1	Lecture	ZTC	1			ON-LINE	S Seifried	04/17 - 06/09/23
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.									

## MANAGEMENT

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 Grade, or Pass/No Pass option.)									
35007	MAG-44	Lecture		3			ON-LINE	D White	04/17 - 06/09/23
The above section is a short-term online class. A computer with Internet access is required. See www.rccd.edu/de Please note the 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)									
35008	MAG-47	Lecture		3			ON-LINE	A Smith	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
MAG-51 Elements of Supervision Prerequisite: None. Description: Overview of responsibilities of a supervisor in industry including organizational structure, training, work assignments, productivity, quality control, evaluations, and management-employee relations. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
35398	MAG-51	Lecture		3			ON-LINE	A Smith	02/13 - 04/07/23
The above section is a short-term online class. Computer with Internet access is required. See www.rccd.edu/de Please note the 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.)									
35009	MAG-53	Lecture		3			ON-LINE	E Davalos	02/13 - 04/07/23
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)									
35010	MAG-56	Lecture		3			ON-LINE	E Davalos	04/17 - 06/09/23
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.									

## 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)									
35522	MAN-36	Lecture		4			ON-LINE	J Payton	02/13 - 06/09/23
		Lab			T	06:30PM-09:30PM	CACT-2		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de									
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.)									
35012	MAN-55	Lecture		1			ON-LINE	K Mosley	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See 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)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35013	MAN-56	Lecture		4			ON-LINE	P Van Hulle	02/13 - 06/09/23
		Lab			M	06:30PM-09:40PM	CACT-2		02/13 - 06/09/23

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

**MAN-57 CNC Program Writing**  
 Prerequisite: None Description: Introduction to manual CNC program writing. Includes the Cartesian coordinate system, absolute/incremental programming, circular interpolation, cutter radius compensation, canned cycles, and other programming techniques related to CNC machine tools. Students will gain hands-on experience with CNC machine tools. 36 hours lecture and 54 hours laboratory. (Letter grade or Pass/No Pass)

35491	MAN-57	Lecture		3	M	02:00PM-04:05PM	CACT-2	P Van Hulle	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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

**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. Same as ELE-64. (Letter Grade, or Pass/No Pass option)

35014	MAN-64	Lecture		3			ON-LINE	P Van Hulle	02/13 - 06/09/23
		Lab			Th	06:30PM-09:40PM	CACT-2		02/13 - 06/09/23

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

**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.)

35015	MAN-73	Lecture		4	TTh	06:00PM-07:25PM	IT-124	A Munoz	02/13 - 06/09/23
		Lab			TTh	07:35PM-09:00PM	IT-124		02/13 - 06/09/23

**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)

35016	MAN-74	Lecture		4	MW	06:00PM-07:25PM	IT-124	J Vela	02/13 - 06/09/23
		Lab			MW	07:35PM-09:00PM	IT-124		02/13 - 06/09/23

**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, Kirchoff's Laws, along with basic math to solve fundamental electrical problems for both alternating current (A.C.) and direct current (D.C.) circuits. Student will learn basic electrical safety procedures, including the proper use and requirements for personal protective equipment (PPE). 36 hours lecture, 54 hours lab. Pass/No Pass, Letter Grade. (same as ELC/ELE-77)

35017	MAN-77	Lecture		3	T	06:30PM-07:20PM	IT-202	K Rad	02/13 - 06/09/23
					Th	06:30PM-07:35PM	IT-202		02/13 - 06/09/23
		Lab			TTh	07:45PM-09:10PM	IT-202		02/13 - 06/09/23

## 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)

35068	MKT-20	Lecture		3	W	06:00PM-09:10PM	ATEC-114	E Doucette	02/13 - 04/07/23
							ON-LINE		02/13 - 04/07/23

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

35069	MKT-20	Lecture		3	W	06:00PM-09:10PM	REG-MEET	E Doucette	02/13 - 04/07/23
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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. REG Meet courses are online classes with regular weekly meetings during scheduled days and times. Students will attend class online during the published course times Wednesdays 6 PM-9:10 PM

**MKT-40 Advertising**  
 Prerequisite: None Description: Economic, professional, persuasive and technical aspects of advertising, publicity and propaganda, and their relation to sociology and psychology. Campaign organization, research and media of communication. Analysis and discussion of situation problems, mass motivation, consumer action and legal restraints. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

35308	MKT-40	Lecture		3			ON-LINE	A Smith	04/17 - 06/09/23
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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.

## MATHEMATICS

**MAT-1A Calculus I**  
 Prerequisite: MAT-10 or MAT-23 or MAT-9 and MAT-36 or qualifying placement 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)

35032	MAT-1A	Lecture		4	W	06:30PM-08:00PM	WEQ-W4	A Thomas	02/13 - 06/09/23
					MW	06:30PM-09:00PM	WEQ-W4		02/13 - 06/09/23
		Lab			W	08:10PM-09:00PM	WEQ-W4		02/13 - 06/09/23

35033	MAT-1A	Lecture		4	T	09:40AM-12:10PM	STEM-302	J Frewing	02/13 - 06/09/23
					Th	09:40AM-11:10AM	STEM-302		02/13 - 06/09/23
		Lab			Th	11:20AM-12:10PM	STEM-302		02/13 - 06/09/23

35034	MAT-1A	Lecture		4	T	02:00PM-04:30PM	WEQ-W6A	J Frewing	02/13 - 06/09/23
					Th	02:00PM-03:30PM	WEQ-W6A		02/13 - 06/09/23
		Lab			Th	03:40PM-04:30PM	WEQ-W6A		02/13 - 06/09/23

35316	MAT-1A	Lecture		4	M	04:50PM-07:20PM	ATEC-204		02/13 - 06/09/23
					W	04:50PM-06:00PM	ATEC-204	S Warsinski	02/13 - 06/09/23
		Lab			W	06:10PM-07:20PM	ATEC-204		02/13 - 06/09/23

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
MAT-1B		Calculus II							
Prerequisite: MAT-1A Description: Techniques of integration, applications of integration, improper integrals, parametric equations, polar coordinates, infinite sequences and series. 72 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
35035	MAT-1B	Lecture		4	T	02:10PM-04:40PM	IT-202	B Lopez Segoviano	02/13 - 06/09/23
		Lab			Th	02:10PM-03:40PM	IT-202		02/13 - 06/09/23
					Th	03:50PM-04:40PM	IT-202		02/13 - 06/09/23
35036	MAT-1B	Lecture		4	T	09:40AM-12:10PM	WEQ-W5	B Lopez Segoviano	02/13 - 06/09/23
		Lab			Th	09:40AM-11:10AM	WEQ-W5		02/13 - 06/09/23
					Th	11:20AM-12:10PM	WEQ-W5		02/13 - 06/09/23
35037	MAT-1B	Lecture		4	M	05:40PM-08:10PM	WEQ-W5	S Borissova	02/13 - 06/09/23
		Lab			W	05:40PM-07:10PM	WEQ-W5		02/13 - 06/09/23
					W	07:20PM-08:10PM	WEQ-W5		02/13 - 06/09/23
35038	MAT-1B	Lecture		4	M	02:45PM-05:15PM	WEQ-W5	L Durfee	02/13 - 06/09/23
		Lab			W	02:45PM-04:15PM	WEQ-W5		02/13 - 06/09/23
					W	04:25PM-05:15PM	WEQ-W5		02/13 - 06/09/23
35039	MAT-1B	Lecture		4	T	03:45PM-06:15PM	ERHS-C211	T Young	02/13 - 06/09/23
		Lab			Th	03:45PM-05:15PM	ERHS-C211		02/13 - 06/09/23
					Th	05:25PM-06:15PM	ERHS-C211		02/13 - 06/09/23
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.									
35040	MAT-1B	Lecture		4	MTW	08:10AM-09:25AM	JVHS-A-9	P Ramirez	02/13 - 06/09/23
		Lab			F	08:15AM-09:05AM	JVHS-A-9		02/13 - 06/09/23
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.									
35322	MAT-1B	Lecture		4	MWF	09:15AM-10:30AM	WEQ-W5	J Tousignant	02/13 - 06/09/23
		Lab			F	10:35AM-11:25AM	WEQ-W5		02/13 - 06/09/23
MAT-1C		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.									
35041	MAT-1C	Lecture		4	T	07:15PM-09:45PM	STEM-201	S Borissova	02/13 - 06/09/23
		Lab			Th	07:15PM-08:45PM	STEM-201		02/13 - 06/09/23
					Th	08:55PM-09:45PM	STEM-201		02/13 - 06/09/23
35042	MAT-1C	Lecture		4	M	01:00PM-03:30PM	STEM-201	B Johnson	02/13 - 06/09/23
		Lab			W	01:00PM-02:30PM	STEM-201		02/13 - 06/09/23
					W	02:40PM-03:30PM	STEM-201		02/13 - 06/09/23
MAT-2		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.)									
35043	MAT-2	Lecture		4	TTh	09:40AM-11:45AM	IT-202	B Johnson	02/13 - 06/09/23
35044	MAT-2	Lecture		4	TTh	05:00PM-07:05PM	STEM-201	S Borissova	02/13 - 06/09/23
MAT-3		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.)									
35047	MAT-3	Lecture		3	MW	02:30PM-03:55PM	WEQ-W6A	J Tousignant	02/13 - 06/09/23
35555	MAT-3	Lecture		3	T	06:00PM-09:10PM	WEQ-W6A	J Mulari	02/13 - 06/09/23
MAT-5		Calculus for Business and Life Science							
Prerequisite: MAT-9 or Intermediate Algebra or qualifying placement. 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.)									
35056	MAT-5	Lecture		4			ON-LINE	J Mulari	04/17 - 06/09/23
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.									
35057	MAT-5	Lecture		4			ON-LINE	J Frewing	02/13 - 06/09/23
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> .									
35058	MAT-5	Lecture		4	M	09:30AM-11:35AM	WEQ-W4	S Park	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
Enrollment in the above class requires first enrolling in MAT-105 35021. 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> .									
35532	MAT-5	Lecture		4			ON-LINE	J Mulari	02/13 - 06/09/23
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> .									
MAT-9		Bstem College Algebra							
Prerequisite: Intermediate Algebra or Qualifying Placement. Description: College-level algebra for those majoring in business, science, technology, engineering, and mathematics: polynomial, rational, radical, absolute value, exponential, and logarithmic functions and their graphs; systems of equations; theory of polynomial equations; analytic geometry; sequences and series. Students cannot receive credit for MAT-9 if they have already received credit for MAT-10 or MAT-23. 90 hours lecture. (Letter Grade or Pass/No Pass option)									
35302	MAT-9	Lecture		5	Th	02:00PM-04:30PM	WEQ-W5	E Chung	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
Enrollment in the above class requires first enrolling in MAT-109 35328. 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> .									
35305	MAT-9	Lecture		5			ON-LINE	E Chung	02/13 - 06/09/23
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> .									
35307	MAT-9	Lecture		5			ON-LINE	B Johnson	02/13 - 06/09/23
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#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35367	MAT-9	Lecture		5	T	10:20AM-12:50PM	WEQ-W4 ON-LINE	E Chung	02/13 - 06/09/23 02/13 - 06/09/23
Enrollment in the above class requires first enrolling in MAT-109 35326. The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.									
35368	MAT-9	Lecture		5	M	06:00PM-08:05PM	ATEC-210 ON-LINE	J DeGuzman	02/13 - 06/09/23 02/13 - 06/09/23
Enrollment in the above class requires first enrolling in MAT-109 35325. The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.									
MAT-10		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)									
35018	MAT-10	Lecture		5	TTh	06:00PM-08:30PM	ATEC-210	J DeGuzman	02/13 - 06/09/23
35020	MAT-10	Lecture		5	TTh	02:00PM-04:30PM	ATEC-210	J DeGuzman	02/13 - 06/09/23
MAT-11		College Algebra							
Prerequisite: Intermediate Algebra 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)									
35023	MAT-11	Lecture		4			ON-LINE	S Park	04/17 - 06/09/23
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.									
35024	MAT-11	Lecture		4			ON-LINE	B Johnson	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35025	MAT-11	Lecture		4			ON-LINE	E Chung	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
MAT-12		Statistics							
Prerequisite: Intermediate Algebra or Qualifying Placement. 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.)									
35340	MAT-12	Lecture		4			ON-LINE	J DeGuzman	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35341	MAT-12	Lecture		4			ON-LINE	B Lopez Segoviano	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35342	MAT-12	Lecture		4			ON-LINE	B Lopez Segoviano	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35343	MAT-12	Lecture		4			ON-LINE	J DeGuzman	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35344	MAT-12	Lecture		4			ON-LINE	A Robles	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35345	MAT-12	Lecture		4			ON-LINE	A Robles	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35346	MAT-12	Lecture		4	MTThF	07:00AM-08:15AM	ERHS-B306	C Hutchings	02/13 - 05/19/23
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.									
35347	MAT-12	Lecture		4	W	09:00AM-11:05AM	WEQ-W6A ON-LINE	S Warsinski	02/13 - 06/09/23 02/13 - 06/09/23
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.									
35349	MAT-12	Lecture		4			ON-LINE	S Park	04/17 - 06/09/23
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.									
35352	MAT-12	Lecture		4	TTh	04:15PM-06:20PM	WEQ-W4	Y Lam	02/13 - 06/09/23
35353	MAT-12	Lecture		4			ON-LINE	T Malouf	04/17 - 06/09/23
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.									
35355	MAT-12	Lecture		4	MW	01:00PM-02:15PM	WEQ-W4 ON-LINE	A Walid	02/13 - 06/09/23 02/13 - 06/09/23
35358	MAT-12	Lecture		4	M	12:05PM-02:10PM	ATEC-211 ON-LINE	C Hutchings	02/13 - 06/09/23 02/13 - 06/09/23
Enrollment in the above class requires first enrolling in MAT-112-35332. The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.									
35359	MAT-12	Lecture		4	T	02:00PM-04:05PM	ATEC-211 ON-LINE	C Hutchings	02/13 - 06/09/23 02/13 - 06/09/23
Enrollment in the above class requires first enrolling in MAT-112-35333. The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.									
35360	MAT-12	Lecture		4	M	07:15PM-09:20PM	ATEC-211 ON-LINE	J Burke	02/13 - 06/09/23 02/13 - 06/09/23
Enrollment in the above class requires first enrolling in MAT-112-35335. The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.									
35365	MAT-12	Lecture		4	MWF	10:35AM-11:55AM	ATEC-211	K Baccari	02/13 - 06/09/23
Enrollment in the above class requires first enrolling in MAT-112-35336.									
MAT-25		Mathematics for the Liberal Arts Student							
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.									
35045	MAT-25	Lecture		3			ON-LINE	B Lopez Segoviano	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35046	MAT-25	Lecture		3	T	10:30AM-12:05PM	ATEC-211 ON-LINE	A Robles	02/13 - 06/09/23 02/13 - 06/09/23

Enrollment in the above class requires first enrolling in MAT-125-35030. The above section is a hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

#### MAT-36 Trigonometry

Prerequisite: MAT-35 or qualifying 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)

35052	MAT-36	Lecture		4			ON-LINE	E Chung	02/13 - 06/09/23
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This is an online class. Computer with Internet access required. See <https://rccd.edu/de>

35053	MAT-36	Lecture		4			ON-LINE	B Johnson	02/13 - 06/09/23
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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).

35324	MAT-36	Lecture		4	Th	02:00PM-04:05PM	STEM-201 ON-LINE	T Nguyen	02/13 - 06/09/23 02/13 - 06/09/23
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#### MAT-105 Corequisite Support for Math 5

Prerequisite: Qualifying 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.)

35021	MAT-105	Lecture		2	W	09:30AM-11:50AM	WEQ-W4	S Park	02/15 - 05/24/23
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Enrollment in the above class requires first enrolling in MAT-5-35058. The above section is a short term class. Please note the start and end dates.

#### MAT-109 Corequisite Support for MAT-9

Prerequisite: None Corequisite: MAT-9 Description: A concurrent corequisite course containing arithmetic and basic algebra concepts designed to support students in BSTEM College Algebra. Topics include a review of skills developed in arithmetic and algebra: operations on real numbers, simplifying algebraic expressions, factoring, graphing linear functions, operations on rational and radical expressions, linear and quadratic expressions and equations. Topics are taught strategically throughout the semester to provide a "just in time" instruction of skills needed to master concepts in MAT-9 as they arise. A diverse approach to problem-solving processes and enhancement of study strategies will prepare the student for later university courses. 18 hours lecture. (Pass/No Pass only)

35325	MAT-109	Lecture		1	M	08:10PM-09:20PM	ATEC-210	J DeGuzman	02/13 - 05/22/23
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Enrollment in the above class requires first enrolling in MAT-9-35368. The above section is a short term class. Please note the start and end dates.

35326	MAT-109	Lecture		1	Th	10:20AM-11:25AM	WEQ-W4	E Chung	02/16 - 05/25/23
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Enrollment in the above class requires first enrolling in MAT-9-35367. The above section is a short term class. Please note the start and end dates.

35328	MAT-109	Lecture		1	T	02:00PM-03:05PM	WEQ-W5	E Chung	02/14 - 05/23/23
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Enrollment in the above class requires first enrolling in MAT-9-35302. The above section is a short term class. Please note the start and end dates.

#### MAT-112 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)

35332	MAT-112	Lecture		2	W	12:05PM-02:25PM	ATEC-211	C Hutchings	02/15 - 05/24/23
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Enrollment in the above class requires first enrolling in MAT 12-35358. The above section is a short term class. Please note the start and end dates.

35333	MAT-112	Lecture		2	Th	02:00PM-04:40PM	ATEC-211	C Hutchings	02/16 - 05/25/23
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Enrollment in the above class requires first enrolling in MAT 12-35359 The above section is a short term class. Please note the start and end dates.

35335	MAT-112	Lecture		2	W	07:15PM-09:35PM	ATEC-211	J Burke	02/15 - 05/24/23
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Enrollment in the above class requires first enrolling in MAT 12-35360. The above section is a short term class. Please note the start and end dates.

35336	MAT-112	Lecture		2	MW	09:20AM-10:25AM	ATEC-211	K Baccari	02/13 - 05/24/23
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Enrollment in the above class requires first enrolling in MAT 12-35365. The above section is a short term class. Please note the start and end dates.

#### MAT-125 Corequisite Support for Mat-25

Corequisite: MAT-25 Prerequisite: Qualifying 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)

35030	MAT-125	Lecture		2	Th	10:30AM-12:50PM	ATEC-211	A Robles	02/16 - 05/25/23
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Enrollment in the above class requires first enrolling in MAT 25-35046. The above section is a short term class. Please note the start and end dates.

## MUSIC

#### MUS-3 Fundamentals of Music

Prerequisite: None Advisory: MUS-32A or Concurrent enrollment in an appropriate level piano class. Description: Through guided music notation and analysis, Fundamentals of Music incorporates the following concepts: Rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; diatonic chords; basic cadential formulas and phrase structure; dominant seventh; figured bass symbols; and non-harmonic tones. Development of skills in handwritten notation is expected. Laboratory includes sight singing and ear training activities that incorporate melodic, harmonic, and rhythmic dictation. Keyboard activities require the playing of major and minor scales, modes, triads, and seventh chords. 54 hours lecture and 54 hours laboratory. (TBA option)

35084	MUS-3	Lecture Lab		4	TTh	09:40AM-11:05AM 11:15AM-12:40PM	HUM-101 HUM-101	Z Shehata	02/13 - 06/09/23 02/13 - 06/09/23
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#### MUS-4 Music Theory I

Prerequisite: MUS-3 or the equivalent Advisory: MUS-32B or Concurrent enrollment in an appropriate level piano class. Description: Through guided composition and analysis, Music Theory I incorporates the following concepts: Rhythm and meter; basic properties of sound; intervals; diatonic scales, triads, and seventh chords; basic cadential formulas and phrase structures; figured bass; non-harmonic tones; first-species counterpoint; and voice leading involving 4-part chorale writing. Development of skills in handwritten music notation is expected. Laboratory includes sight singing and ear training activities that incorporate melodic, harmonic, and rhythmic dictation. Keyboard activities require the playing of chord progressions, modes, and scales in all major and minor keys. 54 hours lecture and 54 hours laboratory. (TBA option)

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35377	MUS-4	Lecture Lab		4	MW	08:00AM-09:15AM 09:15AM-10:30AM	IT-106 IT-106	K Kamerin	02/13 - 06/09/23 02/13 - 06/09/23
MUS-6		Music Theory III Prerequisite: MUS-5 or the equivalent Advisory: MUS-32D or Concurrent enrollment in an appropriate level piano class. Description: Continued study and application of techniques acquired during Music Theory II. In addition, through writing and analysis, Music Theory III includes Common Practice period and 20th Century techniques such as: Borrowed chords and modal mixture; chromatic mediants; Neapolitan and augmented sixth chords; 9th, 11th and 13th chords; extended tertian harmony; polyharmony; quartal and secundal harmony; pandiatonicism; serialism; and aleatoric music. Laboratory includes post-Romantic and post-tonal sight singing and ear training activities that incorporate melodic, harmonic and rhythmic dictation. Keyboard activities require the playing of post-Romantic and post-tonal materials. 54 hours lecture and 54 hours laboratory. (TBA option)							
35379	MUS-6	Lecture Lab		4	MW	08:00AM-09:15AM 09:15AM-10:30AM	IT-106 IT-106	K Kamerin	02/13 - 06/09/23 02/13 - 06/09/23
MUS-19		Music Appreciation Prerequisite: None Description: A broad survey of music in the Western world, including terminology for describing musical elements, forms, and styles. Organized to acquaint students with the roles of music and musicians in society and with representative musical selections through listening, reading, writing, and live performance. 54 hours lecture. (Letter grade)							
35070	MUS-19	Lecture		3			ON-LINE	S Son	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35071	MUS-19	Lecture		3			ON-LINE	E Kim	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35074	MUS-19	Lecture		3	MW	08:00AM-09:25AM	HUM-102	T Walton	02/13 - 06/09/23
The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.									
35075	MUS-19	Lecture		3	TTh	08:00AM-09:25AM	HUM-102	M Hawkes	02/13 - 06/09/23
The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.									
35076	MUS-19	Lecture		3	MW	09:35AM-11:00AM	IT-122	S Orozco	02/13 - 06/09/23
The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.									
35077	MUS-19	Lecture		3	TTh	09:35AM-11:00AM	IT-208	M Hawkes	02/13 - 06/09/23
The above section is restricted to John F Kennedy Middle College High School students participating in Norco College's Dual Enrollment Program.									
MUS-23		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)							
35078	MUS-23	Lecture		3			ON-LINE	N Pirozzi	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35080	MUS-23	Lecture		3			CENT-ONLN	A Yankee	02/13 - 06/09/23
The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.									
MUS-25		Jazz Appreciation 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)							
35082	MUS-25	Lecture		3			ON-LINE	T Walton	02/13 - 06/09/23
MUS-32A		Class Piano I 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)							
35085	MUS-32A	Lab		1	MW	12:45PM-02:10PM	IT-106	N Pirozzi	02/13 - 06/09/23
35373	MUS-32A	Lab		1	TTh	08:00AM-09:25AM	HUM-101	Z Shehata	02/13 - 06/09/23
MUS-32B		Class Piano II 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)							
35086	MUS-32B	Lab		1	MW	12:45PM-02:10PM	IT-106	N Pirozzi	02/13 - 06/09/23
35374	MUS-32B	Lab		1	TTh	08:00AM-09:25AM	HUM-101	Z Shehata	02/13 - 06/09/23
MUS-32C		Class Piano III 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)							
35087	MUS-32C	Lab		1	MW	12:45PM-02:10PM	IT-106	N Pirozzi	02/13 - 06/09/23
35375	MUS-32C	Lab		1	TTh	08:00AM-09:25AM	HUM-101	Z Shehata	02/13 - 06/09/23
MUS-32D		Class Piano IV 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)							
35088	MUS-32D	Lab		1	MW	12:45PM-02:10PM	IT-106	N Pirozzi	02/13 - 06/09/23
35376	MUS-32D	Lab		1	TTh	08:00AM-09:25AM	HUM-101	Z Shehata	02/13 - 06/09/23
MUS-37		Class Guitar Prerequisite: None Description: Development of basic guitar playing skills, including reading from music notation, reading chord symbols, transposition, and playing open chords, barre chords, scales, and simple melodies. 54 hours laboratory. (Letter grade only)							
35526	MUS-37	Lab		1	MW	04:30PM-05:55PM	THTR-204	B Palispis	02/13 - 06/09/23
MUS-38		Beginning Applied Music I 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)							
35089	MUS-38	Lab		2				K Kamerin	02/13 - 06/09/23
The above section is has a 108-hour laboratory requirement to be arranged. Internet access is required. This course offers private study in voice, piano, guitar, bass, or drums. An audition, and participation in a Norco College Music ensemble, are required. A mandatory instructional meeting will be held on Tuesday, February 16th, from 1:00 PM - 1:50 PM in THTR 101. If you cannot attend the meeting, you must contact Professor Kamerin to schedule an audition. The deadline to schedule an audition is Friday, February 24th. Nine hours of lessons and 4 hours of required performance times will be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for approximately 6 hours each week. For additional information or to schedule an audition, please contact Professor Kamerin at <a href="mailto:kim.kamerin@norcocollege.edu">kim.kamerin@norcocollege.edu</a> or 951-738-7703.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
MUS-39		Applied Music I							
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.									
35090	MUS-39	Lab		3				K Kamerin	02/13 - 06/09/23
The above section has a 162-hour laboratory requirement to be arranged. Internet access is required. This course offers private study in voice, piano, guitar, bass, or drums. An audition, and participation in a Norco College Music ensemble, are required. A mandatory instructional meeting will be held on Tuesday, February 16th, from 1:00 PM - 1:50 PM in THTR 101. If you cannot attend the meeting, you must contact Professor Kamerin to schedule an audition. The deadline to schedule an audition is Friday, February 24th. Twelve hours of lessons and 6 hours of required performance times will be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for approximately 10 hours each week. For additional information or to schedule an audition, please contact Professor Kamerin at kim.kamerin@norcocollege.edu or 951-738-7703.									
MUS-41		Chamber Singers							
Prerequisite: None Limitation on enrollment: Audition on or before the first class meeting Description: This course is for the study, rehearsal, and public performance of literature for vocal chamber ensemble, with an emphasis on the development of skills needed to perform within an ensemble. Different literature will be studied each semester. Participation in public performances is required. May be taken a total of four times. 108 hours laboratory. (TBA option)									
35378	MUS-41	Lab		2	MWF	11:15AM-12:35PM	THTR-101	K Kamerin	02/13 - 06/09/23
The above section has additional laboratory hours to be arranged. In addition to the time spent in class, students are expected to perform outside of class at various locations throughout the semester. All concert dates and times will be listed on the class syllabus. Contact the instructor for additional information.									
MUS-52		Recital Performance							
Prerequisite: NONE Corequisite: MUS-39 or MUS-79 or MUS-12 or MUS-P12. Lecture and Lab Are Closely Related and Paired Within the Same Discipline. Limitation on enrollment: High competence in a performance medium Description: Preparation and presentation of a 20-25 minute recital performance. 27 hours laboratory. (TBA option)									
35544	MUS-52	Lab		0.5				K Kamerin	02/13 - 06/09/23
MUS-70		Guitar Lab Ensemble							
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.									
35091	MUS-70	Lab		1	MW	06:30PM-07:35PM	THTR-204	B Palispis	02/13 - 06/09/23
MUS-P70		Guitar Lab Ensemble II							
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.									
35096	MUS-P70	Lab		1	MW	06:30PM-07:35PM	THTR-204	B Palispis	02/13 - 06/09/23
MUS-78		Beginning Applied Music II							
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)									
35092	MUS-78	Lab		2				K Kamerin	02/13 - 06/09/23
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@norcocollege.edu or 951-738-7703.									
MUS-79		Applied Music II							
Prerequisite: None Limitation on enrollment: Audition on or before the first class meeting. Corequisite: Enrollment in a two-unit performance class. Description: Advanced vocal or instrumental instruction for students who are proficient performers and could benefit from individualized instruction as determined by audition. Each student must complete 10.125 hours per week in a combination of individualized practice, lessons, concert attendance and individual performance. Not designed for beginning students. Course may be taken a total of four times. 162 hours laboratory.									
35093	MUS-79	Lab		3				K Kamerin	02/13 - 06/09/23
The above section has a 162-hour laboratory requirement to be arranged. Internet access is required. This course offers private study in voice, piano, guitar, bass, or drums. An audition, and participation in a Norco College Music ensemble, are required. A mandatory instructional meeting will be held on Tuesday, February 16th, from 1:00 PM - 1:50 PM in THTR 101. If you cannot attend the meeting, you must contact Professor Kamerin to schedule an audition. The deadline to schedule an audition is Friday, February 24th. Twelve hours of lessons and 6 hours of required performance times will be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for approximately 10 hours each week. For additional information or to schedule an audition, please contact Professor Kamerin at kim.kamerin@norcocollege.edu or 951-738-7703.									
MUS-81		Consort Singers							
Prerequisite: None Limitation on enrollment (e.g. Performance tryout or audition): Audition on or before the first class meeting. Description: Study, rehearsal, and public performance of literature written for vocal ensemble, with an emphasis on the development of skills needed to be a professional musician and section leader within an ensemble. Different literature will be studied each semester. Participation in public performances is required. May be taken a total of four times. 108 hours laboratory. (TBA option) (Letter grade only)									
35384	MUS-81	Lab		2	MWF	11:15AM-12:35PM	THTR-101	K Kamerin	02/13 - 06/09/23
MUS-89		Music of Multicultural America							
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 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.									
35094	MUS-89	Lecture		3			ON-LINE	I Zubizarreta	02/13 - 06/09/23
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.									
35095	MUS-93	Lecture		3	MW	12:45PM-02:10PM	CACT-1	C Kelly	02/13 - 06/09/23

## 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.									
35319	MIS-1A	Lab		2	MWF	02:15PM-04:25PM	THTR-204	B Kerr	02/13 - 06/09/23

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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.									
35320	MIS-1B	Lab		2	MWF	02:15PM-04:25PM	THTR-204	B Kerr	02/13 - 06/09/23
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.									
35321	MIS-1C	Lab		2	MWF	02:15PM-04:25PM	THTR-204	B Kerr	02/13 - 06/09/23
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.									
35064	MIS-2	Lecture		2	T	02:00PM-03:05PM	IT-106	B Kerr	02/13 - 06/09/23
		Lab			T	03:15PM-04:20PM	IT-106		02/13 - 06/09/23
		Lab			Th	02:00PM-04:10PM	IT-106		02/13 - 06/09/23
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.									
35065	MIS-3	Lecture		4	F	10:45AM-11:55AM	IT-106		02/13 - 06/09/23
					MW	10:45AM-11:40AM	IT-106	B Kerr	02/13 - 06/09/23
		Lab			F	11:55AM-01:05PM	IT-106		02/13 - 06/09/23
		Lab			MW	11:40AM-12:35PM	IT-106		02/13 - 06/09/23
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.									
35066	MIS-4	Lecture		4	TTh	06:30PM-07:55PM	IT-106	S Orozco	02/13 - 06/09/23
		Lab			TTh	08:05PM-09:30PM	IT-106		02/13 - 06/09/23
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.									
35067	MIS-7	Lecture		3	MW	06:30PM-07:25PM	IT-106	M Snyder	02/13 - 06/09/23
		Lab			MW	07:25PM-08:50PM	IT-106		02/13 - 06/09/23
MIS-11A		Studio Arts Ensemble I							
Prerequisite: None Limitation on enrollment: Audition on or before the first class meeting Description: An ensemble designed for instrumentalists and vocalists interested in the popular music and entertainment industries. This ensemble is open to: singers, guitarists, drummers, bassists, horn players, string players and keyboardists who work collaboratively to study, perform and/or record selected popular musical arrangements. The music studied in this class will be chosen from a diverse body of popular music literature. Subsequent enrollment will provide students an opportunity for additional skill development and competency in the subject area. May be taken a total of two times. 108 hours laboratory. (TBA option)									
35314	MIS-11A	Lab		2	TTh	04:30PM-06:25PM	THTR-101	B Kerr	02/13 - 06/09/23
The above section has additional laboratory hours to be arranged. Internet access is required. In addition to the time spent in class, students are expected to perform outside of class at various locations throughout the semester. All concert dates and times will be listed on the class syllabus. Contact the instructor for additional information.									
MIS-11B		Studio Arts Ensemble II							
Prerequisite: MIS-11A Description: A continuation of the skill development of instrumentalists and vocalists interested in the popular music and entertainment industries. This ensemble is open to: singers, guitarists, drummers, bassists, horn players, string players and keyboardists who work collaboratively to study, perform and/or record selected popular musical arrangements. The music studied in this class will be chosen from a diverse body of popular music literature. Subsequent enrollment will provide students an opportunity for additional skill development and competency in the subject area. May be taken a total of two times. 108 hours laboratory. (TBA option)									
35317	MIS-11B	Lab		2	TTh	04:30PM-06:25PM	THTR-101	B Kerr	02/13 - 06/09/23
The above section has additional laboratory hours to be arranged. Internet access is required. In addition to the time spent in class, students are expected to perform outside of class at various locations throughout the semester. All concert dates and times will be listed on the class syllabus. Contact the instructor for additional information.									
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.									
35060	MIS-13	Lecture		3	T	09:40AM-10:30AM	IT-106	B Kerr	02/13 - 06/09/23
					Th	09:40AM-10:45AM	IT-106		02/13 - 06/09/23
		Lab			TTh	10:45AM-12:10PM	IT-106		02/13 - 06/09/23
<b>PHILOSOPHY</b>									
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.									
35101	PHI-10	Lecture		3			ON-LINE	J Sentmanat	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35102	PHI-10	Lecture		3			ON-LINE	J Sentmanat	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35279	PHI-10	Lecture		3	TTh	09:40AM-11:05AM	HUM-102	J Sentmanat	02/13 - 06/09/23

SECT#	Course#	Instruction	ZTC/LTC	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.									
35103	PHI-11	Lecture		3			ON-LINE	J Gill	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35282	PHI-11	Lecture		3			ON-LINE	L Montes	02/13 - 06/09/23
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.									
35104	PHI-12	Lecture		3	MW	09:35AM-11:00AM	IT-101	J Sentmanat	02/13 - 06/09/23
PHI-32		Introduction to Symbolic Logic							
Prerequisite: None Limitation on enrollment: May not be taken if credit for MAT-32 has been granted. Description: Principles of deductive reasoning applying modern symbolic techniques. (Same as MAT-32)									
35285	PHI-32	Lecture		3			ON-LINE	M Murphy	02/13 - 06/09/23
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.									
35105	PHI-35	Lecture		3	MW	11:10AM-12:35PM	WEQ-W6B	J Sentmanat	02/13 - 06/09/23

## 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)									
35534	PHO-20	Lecture		3			ON-LINE	L Lavitt	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									

## PHYSICS

PHY-2A		General Physics I							
Prerequisite: None Corequisite: MAT-1A Description: Meets the requirements for students majoring in biological science, including pre-medical and pre-dental students. This course examines: properties of matter; study of kinematics and mechanics, including Newtons laws, energy, momentum, and rotational motion; fluid mechanics; gravitation; study of oscillatory motion; study of wave motion, including sound waves. 54 hours lecture and 54 hours laboratory. (Letter grade)									
35402	PHY-2A	Lecture		4	MW	08:00AM-09:25AM	ATEC-210	B Babli	02/13 - 06/09/23
		Lab			M	09:40AM-12:50PM	HUM-201		02/13 - 06/09/23
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, Faradays Law; study of optics, including electromagnetic waves, reflection, refraction, interference, and diffraction; study of modern physics, including the photoelectric effect, de Broglie wavelength, quantum numbers, and radioactive decay. 54 hours lecture and 54 hours laboratory. (Letter grade or Pass/No Pass option)									
35111	PHY-2B	Lecture	ZTC	4	TTh	08:00AM-09:25AM	IT-111	L Owens	02/13 - 06/09/23
		Lab			T	09:40AM-12:50PM	HUM-201		02/13 - 06/09/23
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)									
35112	PHY-4A	Lecture		4	TTh	08:00AM-09:25AM	IT-209	D Seidel	02/13 - 06/09/23
		Lab			Th	09:40AM-12:50PM	HUM-201		02/13 - 06/09/23
35113	PHY-4A	Lecture		4	TTh	04:10PM-05:35PM	ATEC-205	O Tripathi	02/13 - 06/09/23
		Lab			T	06:00PM-09:10PM	HUM-201		02/13 - 06/09/23
35403	PHY-4A	Lecture	ZTC	4	MW	09:15AM-10:40AM	STEM-201	L Owens	02/13 - 06/09/23
		Lab			W	01:00PM-04:10PM	HUM-201		02/13 - 06/09/23
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)									
35115	PHY-4B	Lecture	ZTC	4	MW	11:10AM-12:35PM	STEM-201	L Owens	02/13 - 06/09/23
		Lab			M	01:30PM-04:40PM	HUM-201		02/13 - 06/09/23
35116	PHY-4B	Lecture		4	TTh	11:15AM-12:40PM	WEQ-W3	A Roy	02/13 - 06/09/23
		Lab			Th	02:00PM-05:10PM	HUM-201		02/13 - 06/09/23
35117	PHY-4B	Lecture		4	MW	04:10PM-05:35PM	IT-209	A Moussaoui	02/13 - 06/09/23
		Lab			W	06:00PM-09:10PM	HUM-201		02/13 - 06/09/23
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)									
35118	PHY-4C	Lecture		4	MW	12:45PM-02:10PM	HUM-103	A Roy	02/13 - 06/09/23
		Lab			W	09:00AM-12:10PM	HUM-201		02/13 - 06/09/23
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)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35108	PHY-10	Lecture		3			ON-LINE	A Roy	02/13 - 06/09/23

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

33013	POL-1	Lecture		3			ON-LINE	F Carballo	04/17 - 06/09/23
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The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.

35121	POL-1	Lecture		3	TTh	09:40AM-11:05AM	IT-122	R Brown	02/13 - 06/09/23
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35122	POL-1	Lecture		3	T	02:30PM-03:55PM	IT-111	R Brown	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23

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

35123	POL-1	Lecture		3			ON-LINE	S Popiden	02/13 - 06/09/23
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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).

35124	POL-1	Lecture		3			ON-LINE	S Popiden	02/13 - 06/09/23
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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).

35125	POL-1	Lecture		3			ON-LINE	J Hunt	02/13 - 06/09/23
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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).

35126	POL-1	Lecture		3			ON-LINE	J Hunt	02/13 - 06/09/23
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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).

35127	POL-1	Lecture		3			ON-LINE	E Walker	02/13 - 06/09/23
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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).

35129	POL-1	Lecture		3			CAVA-ONLN	M Shadia	02/13 - 06/09/23
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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](http://www.rccd.edu/de)

35130	POL-1	Lecture		3			ON-LINE	E Walker	02/13 - 06/09/23
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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)

35131	POL-1	Lecture		3			ON-LINE	S Popiden	02/13 - 06/09/23
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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)

35132	POL-1	Lecture		3	M	11:10AM-12:35PM	HUM-102	S Popiden	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23

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

35371	POL-1	Lecture		3	W	11:10AM-12:35PM	IT-111	S Popiden	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23

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

### 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)

35136	POL-2	Lecture		3	TTh	02:30PM-03:55PM	IT-122	M Shadia	02/13 - 06/09/23
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### 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)

35133	POL-11	Lecture		3	TTh	11:15AM-12:40PM	IT-122	A Yanez	02/13 - 06/09/23
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### POL-13 Introduction American Foreign Policy

Prerequisite: None Advisory: Qualification for ENG-1A Description: Explores the contemporary political, economic, cultural, and geo-strategic relations between the United States and the world. Provides a comprehensive and critical coverage of the history, traditions, sources, theories, trends, and tools in U.S. foreign policy. Traces the evolution of U.S. foreign policy from its foundational ideas and traditions to the new realities of global leadership in the modern world. Students gain critical tools to understand, analyze, and evaluate past and present foreign policies, doctrines, pivotal events, actors, developments, challenges, and opportunities. 54 hours lecture. (Letter grade)

35134	POL-13	Lecture		3			ON-LINE	C Jun	02/13 - 06/09/23
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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).

### 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)

35222	POL-21	Lecture		3			ON-LINE	P Flor	02/13 - 06/09/23
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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)

35223	POL-21	Lecture		3			ON-LINE	P Flor	02/13 - 06/09/23
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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)

35380	POL-21	Lecture		3	W	06:00PM-09:10PM	HUM-111	A Yanez	02/13 - 06/09/23
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35382	POL-21	Lecture		3	MW	04:10PM-05:35PM	IT-122	A Yanez	02/13 - 06/09/23
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### 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)

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
35224	POL-23	Lecture		3			ON-LINE	A Yanez	02/13 - 06/09/23
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>									
35225	POL-23	Lecture		3			ON-LINE	P Flor	02/13 - 06/09/23
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>									
35226	POL-23	Lecture		3			ON-LINE	J Hunt	02/13 - 06/09/23
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>									
35506	POL-23	Lecture		3	TTh	09:40AM-11:10AM	ATEC-204	A Yanez	02/13 - 06/09/23

## 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									
33015	PSY-1	Lecture		3			ON-LINE	V Agars	04/17 - 06/09/23
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
35142	PSY-1	Lecture	ZTC	3	MW	12:45PM-02:10PM	IT-122	M Wilson	02/13 - 06/09/23
35143	PSY-1	Lecture	ZTC	3			ON-LINE	L Adams	02/13 - 06/09/23
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>									
35144	PSY-1	Lecture	ZTC	3			ON-LINE	L Adams	02/13 - 06/09/23
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>									
35145	PSY-1	Lecture		3			ON-LINE	L Adams	02/13 - 06/09/23
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>									
35146	PSY-1	Lecture		3			ON-LINE	B Adams	02/13 - 06/09/23
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>									
35147	PSY-1	Lecture	ZTC	3	TTh	09:40AM-11:05AM	WEQ-W6A	M Wilson	02/13 - 06/09/23
35148	PSY-1	Lecture		3			ON-LINE	T Caddell	02/13 - 06/09/23
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>									
35150	PSY-1	Lecture		3	MW	09:00AM-10:25AM	JVHS-A-19	R Webb	02/13 - 06/09/23
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.									
35385	PSY-1	Lecture	ZTC	3	TTh	11:15AM-12:40PM	IT-109	L Adams	02/13 - 06/09/23
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.									
35152	PSY-2	Lecture	ZTC	3	TTh	09:40AM-11:05AM	IT-109	L Adams	02/13 - 06/09/23
35153	PSY-2	Lecture	ZTC	3			ON-LINE	L Adams	02/13 - 06/09/23
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>									
35154	PSY-2	Lecture	ZTC	3			ON-LINE	L Adams	02/13 - 06/09/23
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>									
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. 54 hours lecture.									
35164	PSY-8	Lecture		3	MW	03:45PM-05:10PM	CENT-112	W Holmquist	02/13 - 06/09/23
The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.									
35393	PSY-8	Lecture		3	TTh	11:15AM-12:40PM	STEM-201	G Curasi	02/13 - 06/09/23
35394	PSY-8	Lecture		3			ON-LINE	T Caddell	02/13 - 06/09/23
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>									
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.									
33016	PSY-9	Lecture		3			ON-LINE	W Holmquist	04/17 - 06/09/23
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>									
35166	PSY-9	Lecture		3			ON-LINE	K Zamiska	02/13 - 06/09/23
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>									
35167	PSY-9	Lecture	ZTC	3	MW	11:10AM-12:35PM	IT-108	J Hicks	02/13 - 06/09/23
35168	PSY-9	Lecture		3			ON-LINE	K Zamiska	02/13 - 06/09/23
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>									
35169	PSY-9	Lecture		3			ON-LINE	K Zamiska	02/13 - 06/09/23
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>									
35170	PSY-9	Lecture		3			ON-LINE	R Webb	02/13 - 06/09/23
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>									
35395	PSY-9	Lecture		3			SANT-ONLN	R Sulman	02/13 - 06/09/23
The above section is restricted to Santiago 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>									
35396	PSY-9	Lecture		3			ERHS-ONLN	V Agars	02/13 - 06/09/23
The section is restricted to Eleanor Roosevelt 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>									
35397	PSY-9	Lecture		3	TTh	09:40AM-11:05AM	IT-108	R Webb	02/13 - 06/09/23

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
PSY-10		Personal and Social Adjustment							
		Prerequisite: None. Description: An applied biopsychosocial approach to prepare students for a lifelong understanding of themselves as integrated persons, taking into account the influence of culture, ethnicity, gender, and socioeconomic status. Explores opportunities for adjustment and growth in a variety of circumstances, such as family, work, and interpersonal relationships. Topics include personal development through the life cycle, biological, psychological, and social aspects of stress, personal coping skills, interpersonal communication, family relationships, and effective integration of work with leisure. 54 hours lecture. (Letter grade only)							
35507	PSY-10	Lecture		3			ON-LINE	L Adams	02/13 - 06/09/23
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.							

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)							
35155	PSY-35	Lecture		3	TTh	02:30PM-03:55PM	IT-109	G Curasi	02/13 - 06/09/23
35386	PSY-35	Lecture		3			ON-LINE	G Curasi	02/13 - 06/09/23
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.							

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.							
35156	PSY-48	Lecture		3			ON-LINE	R Sulman	02/13 - 06/09/23
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.							
35157	PSY-48	Lecture		3			ON-LINE	R Sulman	02/13 - 06/09/23
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.							
35392	PSY-48	Lecture		3	MW	12:45PM-02:10PM	IT-109	V Agars	02/13 - 06/09/23

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.							
35158	PSY-50	Lecture		4			ON-LINE	K Zamiska	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.							
35159	PSY-50	Lecture		4	MW	12:45PM-02:35PM	IT-108	K Zamiska	02/13 - 06/09/23
		Lab			W	11:00AM-12:25PM	IT-109		02/13 - 06/09/23
35160	PSY-50	Lecture		4			ON-LINE	K Zamiska	02/13 - 06/09/23
		Lab			T	02:30PM-03:55PM	IT-108		02/13 - 06/09/23
		The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.							
35161	PSY-50	Lecture		4			ON-LINE	M Wilson	02/13 - 06/09/23
		Lab					ON-LINE	A Deane	02/13 - 06/09/23
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.							
35559	PSY-50	Lecture	LTC	4			ON-LINE	M Wilson	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
		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.							
35172	RLE-80	Lecture		3			ON-LINE	L Namazi	02/13 - 04/07/23
		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.							
35173	RLE-80	Lecture		3			ON-LINE	L Namazi	04/17 - 06/09/23
		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.							
35528	RLE-80	Lecture		3			ON-LINE	J Valdez	02/13 - 06/09/23
		This section is restricted to Centennial 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.							

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.							
35174	RLE-81	Lecture		3			ON-LINE	L Namazi	02/13 - 04/07/23
		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.							
35175	RLE-81	Lecture		3			ON-LINE	J Gonzalez	04/17 - 06/09/23
		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.							
35176	RLE-82	Lecture		3			ON-LINE	J Alpay	02/13 - 04/07/23
		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.							
35177	RLE-82	Lecture		3			ON-LINE	J Alpay	04/17 - 06/09/23
		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#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	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. (Letter grade only)									
35178	RLE-83	Lecture		3			ON-LINE	S Doll	02/13 - 04/07/23
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.									
35179	RLE-83	Lecture		3			ON-LINE	S Doll	04/17 - 06/09/23
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. (Letter grade only)									
35180	RLE-85	Lecture		3			ON-LINE	S Doll	04/17 - 06/09/23
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.									

## SOCIAL JUSTICE STUDIES

## 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)									
35181	SOC-1	Lecture		3			ON-LINE	J Hill	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35182	SOC-1	Lecture		3			ON-LINE	R Cedillo	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35183	SOC-1	Lecture		3	MW	09:15AM-10:40AM	IT-109	R Cedillo	02/13 - 06/09/23
35184	SOC-1	Lecture		3			ON-LINE	R Cedillo	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35185	SOC-1	Lecture		3			ON-LINE	J Hill	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35422	SOC-1	Lecture		3	TTh	08:00AM-09:25AM	IT-109	M Ysais	02/13 - 06/09/23
35423	SOC-1	Lecture		3	MW	12:45PM-02:10PM	ATEC-204	R Cedillo	02/13 - 06/09/23
SOC-2		American Social Problems							
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)									
35197	SOC-2	Lecture		3	TTh	02:00PM-03:25PM	WEQ-W6B	J Fonseca	02/13 - 06/09/23
SOC-10		Race And Ethnic Relations							
Prerequisite: None. Description: An introduction to the relevant theories and operational definitions that ground the study of race and ethnic relations in the social sciences. Extensive treatment of prejudice, discrimination and the concept of racism. The course brings into sharper focus the history and contemporary status of White ethnics, religious minorities, American-Indians, African-Americans, Hispanic-Americans, and women in the United States. Social institutions, such as family, education, politics, and the economy receive special attention for each group. The similarities and differences in ethnic hostilities between the U.S. and other societies are closely examined. Students may not receive credit for both SOC-10 and 10H. 54 hours lecture. (Letter grade only)									
35191	SOC-10	Lecture		3			CAVA-ONLN	R Cedillo	02/13 - 06/09/23
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									
35192	SOC-10	Lecture		3			ON-LINE	J Hill	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
SOC-12		Marriage and Family Relations							
Prerequisite: None. Advisory: SOC-1. Description: Examines the major trends in marriage, families, and intimate relationships. Focuses on how inequality and diversity affect intimate and family relations. Discusses the dynamics of inequality among families and couples and how family life is shaped by race and ethnicity, social class, and sexuality. Discusses issues of interpersonal violence, divorce, and life in later years. 54 hours lecture. (Letter grade)									
35194	SOC-12	Lecture		3			ON-LINE	J Hill	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
SOC-15		Introduction to Women's Studies							
Prerequisite: None. Description: An introduction to the origins, purpose, subject matter, and methods of Women's Studies and to feminist perspectives on a range of social issues affecting women of diverse backgrounds. Study of gender and its intersections with race, class, sexuality, dis/ability, age, religion, and other systems of difference. 54 hours lecture.									
35196	SOC-15	Lecture		3			ON-LINE	J Hill	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
SOC-20		Introduction to Criminology							
Prerequisite: None. Description: An introduction to the fundamentals of Criminology; including surveys of the theories of crime, statistical procedures and research methodology, types of crime, criminal etiology, the origins and features of criminal law, the police, courts, and corrections. An analysis of the interrelations between social organization, the perceptions of social harm, and the dynamics of social control. 54 hours lecture. (Letter grade only)									
35199	SOC-20	Lecture		3			ON-LINE	J Hill	02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35424	SOC-20	Lecture		3	TTh	04:10PM-05:35PM	IT-109	J Hill	02/13 - 06/09/23

## SPANISH

SPA-1		Spanish 1							
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									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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.)									
33008	SPA-1	Lecture		5	MW	06:00PM-07:30PM	LIBR-109	M Romera Alvarez	04/17 - 06/09/23
		Lab					ON-LINE		04/17 - 06/09/23
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.									
35201	SPA-1	Lecture		5				V Hernandez Mancera	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
35202	SPA-1	Lecture		5			ON-LINE	L Rosales	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35204	SPA-1	Lecture		5	MW	11:00AM-01:30PM	LIBR-109	A Lomeli Gomez	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.									
35205	SPA-1	Lecture		5			ON-LINE	N Guillen	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.									
35207	SPA-1	Lab		5			ON-LINE		02/13 - 06/09/23
The above section is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.									
35208	SPA-1	Lecture		5			ON-LINE	M Godinez Davila	04/17 - 06/09/23
		Lab					ON-LINE		04/17 - 06/09/23
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.									
35209	SPA-1	Lecture		5			ON-LINE	A Vargas Barragan	02/13 - 04/07/23
		Lab					ON-LINE		02/13 - 04/07/23
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.)									
35211	SPA-2	Lecture		5			ON-LINE	D Hitchcock	04/17 - 06/09/23
		Lab					ON-LINE		04/17 - 06/09/23
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.									
35212	SPA-2	Lecture		5			ON-LINE	A Covarrubias	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
35213	SPA-2	Lecture		5			ON-LINE	A Covarrubias	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
35515	SPA-2	Lab		5			ON-LINE		02/13 - 06/09/23
The above section is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.									
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.)									
35214	SPA-3	Lecture		5	Th	09:40AM-12:10PM	LIBR-109	A Covarrubias	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.									
35523	SPA-3	Lab		5			ON-LINE		02/13 - 06/09/23
The above section is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.									
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.)									
35215	SPA-4	Lecture		5	T	06:00PM-08:30PM	IT-123	I Vejar	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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.)									
35216	SPA-8	Lecture		3			ON-LINE	I Vejar	04/17 - 06/09/23
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.									

## SUPPLY CHAIN AUTOMATION

SCA-10 Industrial Automation 1

Prerequisites: NONE Description: An introduction to the principles of industrial automation technology, including basic functions, techniques, and tools used in warehousing and distribution centers and their role in logistics. Emphasis is placed on developing basic operations and maintenance competencies and introducing warehouse automated distribution center technology. Topics include safety, concepts concerning terminology, and operation of automated machines, tools, troubleshooting, blueprint analysis, measurement, electrical, pneumatic, and sensor operation. 72 hours lecture and 54 hours laboratory. (Same as IAT-10) (Letter grade or Pass/No Pass option)

35496	SCA-10	Lecture	5	MW		02:00PM-04:05PM	IT-124	J Vela	02/13 - 06/09/23
		Lab		MW		04:15PM-05:40PM	IT-124		02/13 - 06/09/23

## 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.

35217	THE-3	Lecture	3				ON-LINE	W Stevens	02/13 - 06/09/23
35219	THE-3	Lecture	3				ON-LINE	W Stevens	04/17 - 06/09/23

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.

35389	THE-3	Lecture	3	TTh		02:00PM-03:25PM	IT-101	J Johnson	02/13 - 06/09/23
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THE-32 Acting Fundamentals - Theater Games and Exercises

Prerequisite: None Description: Foundation training for actors through theater games and improvisational exercises for developing expressive freedom, creativity, relaxation, sensory awareness and concentration. Development and preparation of the actor's instrument: voice, speech, body and imagination. Beginning of relationship and motivation. 36 hours lecture and 54 hours laboratory.

35390	THE-32	Lecture	3	T		03:20PM-04:10PM	THTR-204	A Jaye	02/13 - 06/09/23
				Th		03:20PM-04:25PM	THTR-204		02/13 - 06/09/23
		Lab		TTh		04:25PM-05:50PM	THTR-204		02/13 - 06/09/23

## 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).

35220	WKX-200	Lecture	1				ON-LINE	R Wolfer	02/13 - 06/09/23
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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.

## Non-Credit Classes

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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### 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)

34484	ACC-801	Lecture		0			ON-LINE	N Ildefonso	02/13 - 03/13/23
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.									
35562	ACC-801	Lecture		0			ON-LINE	N Ildefonso	02/13 - 03/13/23
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.									

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)

34485	ACC-802	Lecture		0			ON-LINE	N Ildefonso	03/20 - 04/07/23
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.									
35563	ACC-802	Lecture		0			ON-LINE	N Ildefonso	03/20 - 04/07/23
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.									

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)

34486	ACC-803	Lecture		0			ON-LINE	N Ildefonso	04/17 - 05/12/23
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.									
35564	ACC-803	Lecture		0			ON-LINE	N Ildefonso	04/17 - 05/12/23
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.									

### ADMINISTRATION OF JUSTICE

ADJ-801      Community Emergency Response Team (cert)  
 Prerequisite: None Course Credit Recommendation: Non-Credit Description: The Community Emergency Response Team (CERT) training is consistent with a nationwide approach designed for individuals and businesses to understand the hazards that may impact their home, community and workplace in the event of a disaster. Recognized and supported by the Federal Emergency Management Agency (FEMA) and professional first responders, this training equips individuals with the knowledge and skills that will educated them in disaster preparedness at home, in the community, or the workplace, and be more resilient when an incident occurs. Emergency response training to support and enhance your community and workplace will be provided through team building, collaboration, and other hands-on activities. (Pass/No Pass)

35329	ADJ-801	Lecture		0			STEM-201	S Williams	03/22 - 03/26/23
The above section is a short-term class. Please note the start and end dates. Meeting Dates are Wednesday 3/22 05:30-09:30 PM in STEM 201, Friday 3/24 05:30-09:30 PM in STEM 302, Saturday 3/25 8 AM-5:00 PM in STEM 302, and Sunday 3/26 8 AM-4 PM in STEM 200, 201, and 302									
35330	ADJ-801	Lecture		0			STEM-201	S Williams	05/10 - 05/20/23
The above section is a short-term class. Please note the start and end dates. Meeting Dates are Wednesday 5/10 05:30-09:30 PM in STEM 302, Saturday 5/13 8 AM-5:00 PM in STEM 302, Wednesday 5/17 5:30-9:30 PM in STEM 302, and Sunday 5/20 8 AM-4 PM in STEM 200, 201, and 302									

### DRAFTING

DFT-830      Computer Aided Drafting (CAD)  
 Prerequisite: None Advisory: CIS-1A Course 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. (Letter Grade, or Pass/No Pass option)

35537	DFT-830	Lecture		0			ON-LINE	F Mirzaei	02/13 - 06/09/23
		Lab			T	06:00PM-09:10PM	ATEC-109		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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>									

DFT-831      Advanced Computer Aided Drafting (CAD)  
 Prerequisite: DFT-30 or ENE-30 or DFT-830 Course Description: This course focuses on applying advanced AutoCAD skills in the design process to create models, drawings, and related documentation for a variety of applications and industries. Topics include blocks, attributes, external references, solid, mesh, and surface modeling, presentation, and photorealistic rendering. Students develop and apply skills in visualizing, creating, and editing 3D shapes for modeling, testing, rapid prototyping, and marketing. The course emphasizes improving productivity and developing modeling and presentation skills. 27 hours lecture and 81 hours lab. (Letter grade or Pass/No Pass option)

35538	DFT-831	Lecture		0			ON-LINE	A Nindra	02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23
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#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
DFT-842		Solidworks I							
Prerequisite: None Advisory: CIS-1A Course Description: 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. (Letter grade or Pass/No Pass option)									
35539	DFT-842	Lecture		0			ON-LINE	F Mirzaei	02/13 - 06/09/23
		Lab			W	06:00PM-09:10PM	ATEC-109		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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

## ELECTRONICS

ELE-810		Survey of Electronics							
Prerequisite: None Course Description: Basic electronic theory featuring electron-flow, Ohm's, Watt's, and Kirchoff's Laws, analog DC and AC devices, circuits, parameters and equations, diodes, transistors, thyristors, digital logic, integrated circuits, power supplies, amplifiers, oscillators, with laboratory test and measurement equipment. 63 hours lecture and 27 hours laboratory. (Pass/No Pass or Letter Grade)									
35561	ELE-810	Lecture		0	MW	11:00AM-01:45PM	IT-202	K Rad	02/13 - 06/09/23

ELE-864		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. (Pass/No Pass or Letter Grade) Same as MAN-864.									
35489	ELE-864	Lecture		0			ON-LINE	P Van Hulle	02/13 - 06/09/23
		Lab			Th	06:30PM-09:40PM	CACT-2		02/13 - 06/09/23

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

ELE-874		Industrial Wiring and Controls							
Prerequisite: None Course 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. (Pass/No Pass or Letter Grade)									
35560	ELE-874	Lecture		0	MW	06:00PM-09:00PM	IT-124	J Vela	02/13 - 06/09/23

## ENGINEERING

ENE-851		Print Reading							
Requisites: None Advisory: ENE-21 or MAT-36 Description: A beginning course in the study of blueprints and their interpretation, types of projection, symbols, and abbreviations. This course is designed for students interested in print reading for the machine trades. 54 hours lecture. (Pass/No Pass or Letter Grade)									
35542	ENE-851	Lecture		0			ON-LINE	P Van Hulle	04/18 - 06/08/23
		Lab			TTh	03:25PM-04:50PM	IT-127		04/18 - 06/08/23
		Lab					ON-LINE		04/18 - 06/08/23

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

## ENGLISH

ENG-885		Writing Clinic							
Prerequisite: None Description: Intended for students who need concentrated attention in various areas of grammar, punctuation, and composition. Self-paced, open-entry/open-exit, with no traditional lecture-based component. Instead, it requires students to do the majority of their coursework independently. Each student follows a sequential series of modules based on his or her diagnosis. Students meet with their instructor in the Writing and Reading Center for the pre-and post-test and as needed for one-on-one instruction or small group study for the duration of the students' enrollment in the course. May be taken a total of four times. 27 hours laboratory. (Non-credit course) (TBA option) (Pass/No Pass option only)									

35469	ENG-885	Lab		0			LIBR-110	N Capps	02/13 - 06/09/23
Students who enroll in this course must meet with the ENG-885 instructor in the Writing and Reading Center prior to logging in hours for this class. Contact her at <a href="mailto:nicole.capps@norcocollege.edu">nicole.capps@norcocollege.edu</a> to schedule your first meeting.									
35470	ENG-885	Lab		0			LIBR-110	N Capps	02/13 - 06/09/23
Students who enroll in this course must meet with the ENG-885 instructor in the Writing and Reading Center prior to logging in hours for this class. Contact her at <a href="mailto:nicole.capps@norcocollege.edu">nicole.capps@norcocollege.edu</a> to schedule your first meeting.									

## 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 1,000 words or more 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)									
34862	ESL-846	Lecture		0	TTh	06:30PM-09:00PM	IT-211	L Tougas	02/13 - 06/09/23

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 1,750 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)									

34863	ESL-847	Lecture		0			ON-LINE	M Shirinian	02/13 - 06/09/23
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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).

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 3,000 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.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
34864	ESL-848	Lecture		0	M	06:30PM-08:35PM	IT-211	D Tougas	02/13 - 06/09/23
					W	06:30PM-09:40PM	IT-211		02/13 - 06/09/23
		Lab			M	08:45PM-09:35PM	IT-211		02/13 - 06/09/23

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 4,500 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.

34865	ESL-849	Lecture		0	TTh	09:15AM-10:50AM	IT-211	M Shirinian	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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

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 6,000 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)

34866	ESL-850	Lecture		0	TTh	10:55AM-12:30PM	IT-211	M Shirinian	02/13 - 06/09/23
							ON-LINE		02/13 - 06/09/23
		Lab					ON-LINE		02/13 - 06/09/23

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

## ENTREPRENEURSHIP

ENP-851 Entrepreneurship Basics  
Prerequisite: None Description: Entrepreneurship has been described as the capacity and willingness to develop, organize and manage a business venture along with any of its risks in order to make a profit. This course will expose students to the basics of entrepreneurship, including design thinking, customer assessment, and problem solving. Additionally, students will focus on lean market strategies for testing product/service validity. 54 hours lecture. (Letter grade only)

35557	ENP-851	Lecture		0	Th	06:00PM-09:10PM	ATEC-109	A Martin	04/17 - 06/09/23
							ON-LINE		04/17 - 06/09/23

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

34967	ILA-800	Lab		0			LIBR-LRC	N Capps	02/13 - 06/09/23
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## 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)

35097	PDS-808	Lecture		0			ON-LINE	R Wolfer	02/13 - 03/03/23
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This section is part of the Workplace Essentials certificate. It is encouraged for students to also enroll in PDS-809-35098, PDS-810-35099, and PDS-812-35100 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)

35098	PDS-809	Lecture		0			ON-LINE	V Mixson	03/13 - 04/07/23
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This section is part of the Workplace Essentials certificate. It is encouraged for students to also enroll in PDS-808-35097, PDS-810-35099, and PDS-812-35100 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)

35099	PDS-810	Lecture		0			ON-LINE	R Wolfer	04/10 - 05/05/23
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This section is part of the Workplace Essentials certificate. It is encouraged for students to also enroll in PDS-808-35097, PDS-809-35098, and PDS-812-35100 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)

35100	PDS-812	Lecture		0			ON-LINE	V Mixson	05/15 - 06/09/23
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This section is part of the Workplace Essentials certificate. It is encouraged for students to also enroll in PDS-808-35097, PDS-809-35098, and PDS-810-35099 to complete the certificate.