

# Norco College - Fall 2022 Class Schedule

## Reading the Schedule of Classes

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

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

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### Credit Classes

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

ALR-3 Reading for Academic and Lifelong Literacy

Prerequisite: None Description: Review and study of reading strategies for success in various college disciplines and for lifelong literacy. Students will receive instruction in academic, discipline-specific and practical lifelong reading skills. This course meets the graduation reading competency requirement. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)

39206	ALR-3	Lecture	3	MW	09:15AM-10:40AM	IT-108 ON-LINE	M Sloniger	09/06 - 12/17/22 09/06 - 12/17/22
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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.

ALR-4 Critical Reading as Critical Thinking

Prerequisite: None Description: The relationship between critical reading and critical thinking. Emphasis will be placed on the development of reading skills in the interpretation, analysis, criticism and advocacy of ideas encountered in academic reading. 54 hours lecture.

39207	ALR-4	Lecture	3	TTh	11:15AM-12:40PM	IT-125 ON-LINE	M Sloniger	09/06 - 12/17/22 09/06 - 12/17/22
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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.

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

### ACC-1A Principles of Accounting I

Prerequisite: None Advisory: BUS-20 Description: An introduction to accounting principles and practice, as a manual and/or computerized information system that provides and interprets economic data for economic units within a global society. Includes recording, analyzing, and summarizing procedures used in preparing financial statements. 54 hours lecture. (Letter grade only)

38192	ACC-1A	Lecture	3	TTh	09:40AM-11:10AM	ATEC-114 ON-LINE	D White	08/22 - 10/15/22 08/22 - 10/15/22
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The above section is a short term hybrid class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

38193	ACC-1A	Lecture	3	M	06:00PM-09:10PM	IT-108 ON-LINE	P Worsham	08/22 - 10/15/22 08/22 - 10/15/22
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The above section is a short term hybrid class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

38194	ACC-1A	Lecture	3			ON-LINE	D White	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>. In addition to the online lecture, students are required to come to campus for a proctored final exam. Your instructor will have additional details.

38195	ACC-1A	Lecture	3			ON-LINE	P Worsham	08/22 - 10/15/22
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The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

38197	ACC-1A	Lecture	3			ON-LINE	P Worsham	10/17 - 12/17/22
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The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

38198	ACC-1A	Lecture	3			ON-LINE	D White	10/17 - 12/17/22
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The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <https://rccd.edu/de>.

39323	ACC-1A	Lecture	3			ON-LINE	D White	08/22 - 10/15/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39324	ACC-1A	Lecture	3			ON-LINE	P Worsham	08/22 - 10/15/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### ACC-1B Principles of Accounting II

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)

38201	ACC-1B	Lecture	3	M	06:00PM-09:10PM	IT-108 ON-LINE	P Worsham	10/17 - 12/17/22 10/17 - 12/17/22
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The above section is a short term hybrid class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

38202	ACC-1B	Lecture	3			ON-LINE	D White	08/22 - 12/17/22
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The above section is an online class Computer with Internet access required. See <https://rccd.edu/de>. In addition to the online lecture, students are required to come to campus for a proctored final exam. Your instructor will have additional details.

38203	ACC-1B	Lecture	3	TTh	09:40AM-11:05AM	ATEC-114 ON-LINE	D White	10/17 - 12/17/22 10/17 - 12/17/22
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The above section is a short term hybrid class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

38204	ACC-1B	Lecture	3			ON-LINE	P Worsham	10/17 - 12/17/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

39084	ACC-1B	Lecture	3			ON-LINE	D White	10/17 - 12/17/22
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The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

39325	ACC-1B	Lecture	3			ON-LINE	P Worsham	10/17 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39326	ACC-1B	Lecture	3			ON-LINE	D White	10/17 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### ACC-55 Applied Accounting/Bookkeeping

Prerequisite: None Description: An introductory course for students who are non-accounting majors. The focus is basic bookkeeping and accounting principles for both merchandising and service oriented small business enterprises. Emphasis on the development of skills to record business transactions for cash and accrual methods, as well as the procedures to prepare financial statements and complete an accounting cycle. Attention is given to special journals, subsidiary ledgers, and payroll and banking procedures. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

38205	ACC-55	Lecture	3			ON-LINE	N Ildefonso	08/22 - 10/15/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

### ACC-62 Payroll Accounting

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)

38206	ACC-62	Lecture	3			ON-LINE	M Scott	10/17 - 12/17/22
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The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

### ACC-65 Quickbooks Accounting

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.)

39350	ACC-65	Lecture	3			ON-LINE	N Ildefonso	10/17 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

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

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)

38208	ACC-67	Lecture	4	W	05:30PM-09:45PM	IT-123 ON-LINE	J Muir	08/22 - 10/15/22 08/22 - 10/15/22
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The above section is a short term hybrid class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39085	ACC-67	Lecture	4	W	05:30PM-09:45PM	IT-123	J Muir	10/17 - 12/17/22
						ON-LINE		10/17 - 12/17/22
The above section is a short term hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Please note the start and end dates.								
39327	ACC-67	Lecture	4			ON-LINE	J Muir	08/22 - 10/15/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
39328	ACC-67	Lecture	4			ON-LINE	J Muir	10/17 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

## ADMINISTRATION OF JUSTICE

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

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)

38209	ADJ-1	Lecture	3	MW	11:10AM-12:35PM	STEM-302	S Williams	08/22 - 10/15/22
						ON-LINE		08/22 - 10/15/22

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

38210	ADJ-1	Lecture	3			CAVA-ONLN	S Williams	08/22 - 12/17/22
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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).

38211	ADJ-1	Lecture	3			ON-LINE	S Williams	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>.

39209	ADJ-1	Lecture	3	W	06:00PM-09:10PM	STEM-302	K Carpenter	10/17 - 12/17/22
						ON-LINE		10/17 - 12/17/22

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

Prerequisite: None Description: An examination and analysis of due process in criminal proceedings from pre-arrest through trial and appeal utilizing statutory law and state and constitutional precedents. 54 hours lecture. (Letter grade only)

38213	ADJ-2	Lecture	3	T	11:15AM-12:40PM	STEM-302	K Green	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22

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

39258	ADJ-2	Lecture	3			ON-LINE	K Green	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

### ADJ-3 Concepts of Criminal Law

Prerequisite: None Description: Historical development, philosophy of law and constitutional provisions; definitions, classification of crimes, and their application to the system of administration of justice; legal research, study of case law, methodology, and concepts of law as a social force. 54 hours lecture. (Letter grade only)

38214	ADJ-3	Lecture	3	TTh	02:30PM-03:55PM	STEM-302	M Leese	08/22 - 12/17/22
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38215	ADJ-3	Lecture	3			ON-LINE	M Leese	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>.

### ADJ-5 Community Relations

Prerequisite: None Description: Examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. 54 hours lecture. (Letter grade only)

39211	ADJ-5	Lecture	3	MW	11:10AM-12:35PM	STEM-302	M Miller	10/17 - 12/17/22
						ON-LINE		10/17 - 12/17/22

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

### ADJ-8 Juvenile Law and Procedures

Prerequisite: None Description: The organization, functions and jurisdiction of juvenile agencies; the processing and detention of juveniles; juvenile case disposition; juvenile statutes and court procedures. 54 hours lecture. (Letter grade only)

39249	ADJ-8	Lecture	3			CUSD-ONLN	M Miller	08/22 - 12/17/22
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The above section is restricted to the CUSD 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](http://www.rccd.edu/de)

### ADJ-9 Law In American Society

Prerequisite: None Description: A general survey of practical law intended as an introduction to the American legal system and to acquaint the student with elements of the law that affect everyday legal relationships: criminal and juvenile justice, consumer law, family law, housing law, and individual rights and liberties. Emphasis is placed on the philosophical and political foundations of law and on civil law. Recommended for prelaw students and for others interested in the practical application of the law. 54 hours lecture. (Letter grade only)

39257	ADJ-9	Lecture	3			ON-LINE	S Williams	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

39250	ADJ-12	Lecture	3	M	06:00PM-09:10PM	STEM-302	L Walker	10/17 - 12/17/22
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						ON-LINE		10/17 - 12/17/22
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		Lab		S	09:00AM-12:50PM	STEM-302		10/17 - 12/17/22
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The above section is a class which has 12 hours of lab to be held on 09/24, 10/22, and 11/19 from 9am-12:50pm. Internet access is required.

### 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)

39210	ADJ-13	Lecture	3	T	06:00PM-09:10PM	STEM-302	S Williams	08/22 - 12/17/22
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						ON-LINE		08/22 - 12/17/22
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The above section is a hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39251	ADJ-13	Lecture	3			ON-LINE	S Williams	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
39431	ADJ-13	Lecture	3			ON-LINE	S Williams	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

**ADJ-14**      **Advanced Criminal Investigation**  
Prerequisite: ADJ-13 Description: Advanced training and skill development in crime scene investigation and in the recording, collection, and preservation of physical and testimonial evidence. Focus in on the understanding and working knowledge of fingerprints, ballistics firearms identification, varieties of trace evidence and a basic introduction to forensic sciences. 54 hours lecture and 12 hours laboratory. (Letter grade only)

38212	ADJ-14	Lecture	3	Th	06:00PM-09:10PM	STEM-302	L Doyle	10/17 - 12/17/22
						ON-LINE		10/17 - 12/17/22
		Lab		S	09:00AM-12:50PM	STEM-302		10/17 - 12/17/22

The above section is a class which has 12 hours of lab to be held on 10/01, 11/05, and 12/03 from 9am-12:50pm. Internet access is required.

**ADJ-20**      **Introduction to Corrections**  
Prerequisite: None Description: An overview of the history of adult and juvenile correctional systems in the United States, including historical trends and the eras of correctional philosophy. This course is an analysis of the operation of correctional facilities, including jails, prisons, juvenile facilities, community corrections systems, and custodial facilities run by local, state, and federal jurisdictions. An introduction and overview of corrections-specific statutes, policies, and procedures and civil rights within American corrections. The course also provides an introduction and analysis of current institutions of corrections, modern policies and successes and challenges of correctional agencies, along with current and future needs within the system. 54 hours lecture. (Letter grade only)

39213	ADJ-20	Lecture	3			ON-LINE	M Miller	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

## 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)

38221	ANT-1	Lecture	3	Th	02:30PM-03:55PM	HUM-111	A Mejia	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22

The above section is a hybrid class. Computer with Internet access required. See <https://rccd.edu/de>.

38222	ANT-1	Lecture	3	T	02:30PM-03:55PM	HUM-111	A Mejia	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22

The above section is a hybrid class. Computer with Internet access required. See <https://rccd.edu/de>.

38223	ANT-1	Lecture	3			ON-LINE	A Gray	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38224	ANT-1	Lecture	3	TTh	11:15AM-12:40PM	HUM-111	C Buchanan	08/22 - 12/17/22
38225	ANT-1	Lecture	3			ON-LINE	A Gray	08/22 - 12/17/22
39089	ANT-1	Lecture	3			ON-LINE	A Gray	08/22 - 12/17/22

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

39377	ANT-1	Lecture	3			ON-LINE	A Gray	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**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.

38229	ANT-1L	Lab	1			ON-LINE	A Mejia	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38230	ANT-1L	Lab	1	MW	04:10PM-05:35PM	HUM-111	A Azevedo	08/22 - 12/17/22
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**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)

38232	ANT-2	Lecture	3			ON-LINE	C Buchanan	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38236	ANT-2	Lecture	3			ON-LINE	C Buchanan	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**ANT-4**      **Native American Cultures**  
Prerequisite: None Description: A survey of Native American cultures from the pre-Columbian period through conquest and reservation life and into the present. Incorporates evidence from archaeology, oral history, personal narratives, and other sources. Emphasis will be on the growth of Native American cultures, modern communities, including urban life, social and religious institutions, and traditional cultural elements and artistic traditions. 54 hours lecture. (Same as ETS-27) (Letter grade only)

39090	ANT-4	Lecture	3			ON-LINE	C Goralski	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**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.

38238	ANT-6	Lecture	3	MW	12:45PM-02:10PM	HUM-111	C Buchanan	08/22 - 12/17/22
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**ANT-7**      **Anthropology of Religion**  
Prerequisite: None Description: Introduction to the anthropological study of religion in world cultures, using a cross-cultural approach to the analysis of beliefs, rituals, mythology, and the role of religion in society, particularly focusing on non-Western traditional societies. 54 hours lecture.

38239	ANT-7	Lecture	3			ON-LINE	A Gray	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

## 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.)

39260	APP-450	Lecture	4			ON-LINE	R Wolfer	08/22 - 12/17/22
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Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to students participating in Norco Colleges Apprenticeship Program. For more information about the apprenticeship program, please contact Carlos Vasquez at Carlos.Vasquez@norcocollege.edu

## ARCHITECTURE

### ARE-24 Revit I-Architectural Drafting

Prerequisite: DFT/ENE-21 and DFT/ENE-30 Description: Introduction to methods and techniques used in the development of architectural construction documents for light frame structures (Type V construction) including construction theory, notation, materials symbols, drawing format and general practice. Using Computer-Aided Drafting (CAD) and Building Information Modeling (BIM-Revit I), this course will focus on the drawing of a set of plans to include a plot plan, foundation plan, floor plan(s), sections, exterior and interior elevations, electrical plan and basic structural details. Sketching techniques will also be covered. 27 hours lecture and 90 hours laboratory. Same as DFT-24. (Letter Grade, or Pass/No Pass option.)

38240	ARE-24	Lecture	3	T	06:00PM-07:25PM	IT-127	W Brown	08/22 - 12/17/22
		Lab		T	07:35PM-09:40PM	IT-127		08/22 - 12/17/22
		Lab		Th	06:00PM-09:10PM	IT-127		08/22 - 12/17/22

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

Prerequisite: None Description: An examination of Western architecture form and design from antiquity through the Gothic period. Architectural monuments of the Western world will be analyzed and interpreted in terms of religious, social, and political context. Particular emphasis is given to process and sources of design, types and purposes of buildings as well as architecture and art in the built environment by considering the source and meaning of beauty. 54 hours lecture.(Letter Grade, or Pass/No Pass option.)

38241	ARE-35	Lecture	3			ON-LINE	A Ghiassi	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

## 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.)

38255	ART-6	Lecture	3	TTh	02:30PM-03:55PM	WEQ-W6B	R Dzikonski	08/22 - 12/17/22
38256	ART-6	Lecture	3	T	09:30AM-12:20PM	LIBR-121	D Campuzano	08/22 - 10/15/22

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

38257	ART-6	Lecture	3	M	06:00PM-09:10PM	ATEC-114	M Chandler	08/22 - 12/17/22
38258	ART-6	Lecture	3			ON-LINE	L Lavitt	08/22 - 12/17/22

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

38259	ART-6	Lecture	3			ON-LINE	L Lavitt	08/22 - 10/15/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de) Please note the start and end dates.

38261	ART-6	Lecture	3			ON-LINE	L Stone	10/17 - 12/17/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de) Please note the start and end dates.

### ART-6H Honors Art Appreciation

Prerequisite: None. Advisory: ENG-1A Limitation on enrollment: Enrollment in the Honors Program Description: An introductory course designed for the non-art major. The creative process and the diversity of styles, technique and media evident in various art forms throughout history and culture. Honors course offers an enriched experience for accelerated students through limited class size; seminar format; focus on primary texts; and application of higher level critical thinking skills. Students may not receive credit for both ART-6 and ART-6H. 54 hours lecture. (Same as AHS-6H) (Letter Grade, or Pass/No Pass option.)

39198	ART-6H	Lecture	3	MW	02:30PM-03:55PM	IT-208	M Chandler	08/22 - 12/17/22
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### 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.)

38242	ART-17	Lecture	3	T	06:00PM-06:50PM	ATEC-209	T Le	08/22 - 12/17/22
		Lab		Th	06:00PM-07:05PM	ATEC-209		08/22 - 12/17/22
		Lab		T	07:00PM-09:15PM	ATEC-209		08/22 - 12/17/22
		Lab		Th	07:25PM-09:15PM	ATEC-209		08/22 - 12/17/22
38243	ART-17	Lecture	3	T	09:35AM-10:25AM	ATEC-209	M Lindeman	08/22 - 12/17/22
		Lab		Th	09:35AM-10:40AM	ATEC-209		08/22 - 12/17/22
		Lab		T	10:35AM-12:50PM	ATEC-209		08/22 - 12/17/22
		Lab		Th	11:00AM-12:50PM	ATEC-209		08/22 - 12/17/22
38244	ART-17	Lecture	3	M	06:00PM-06:50PM	ATEC-209	T Haerens	08/22 - 12/17/22
		Lab		W	06:00PM-07:05PM	ATEC-209		08/22 - 12/17/22
		Lab		M	07:00PM-09:15PM	ATEC-209		08/22 - 12/17/22
		Lab		W	07:25PM-09:15PM	ATEC-209		08/22 - 12/17/22

### ART-22 Basic Design

Prerequisite: None Description: An introduction to the fundamentals of two-dimensional design. The organization of visual elements according to the principles of design. Emphasis placed on visual perception, theory, dexterity, problem solving, analysis, application, skill, and presentation. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38246	ART-22	Lecture	3	T	02:00PM-02:50PM	ATEC-209	M Lindeman	08/22 - 12/17/22
		Lab		Th	02:00PM-03:05PM	ATEC-209		08/22 - 12/17/22
		Lab		T	03:00PM-05:15PM	ATEC-209		08/22 - 12/17/22
		Lab		Th	03:25PM-05:15PM	ATEC-209		08/22 - 12/17/22
39170	ART-22	Lecture	3			CAVA-ONLN	M Lindeman	08/22 - 12/17/22
		Lab				CAVA-ONLN		08/22 - 12/17/22

The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only. The section is an online class. Computer internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

39171	ART-22	Lecture	3			ON-LINE	M Lindeman	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22

#### 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)

38247	ART-24	Lecture	3	M	11:15AM-12:05PM	ATEC-209	M Ramin	08/22 - 12/17/22
		Lab		W	11:15AM-12:20PM	ATEC-209		08/22 - 12/17/22
		Lab		M	12:15PM-02:30PM	ATEC-209		08/22 - 12/17/22
		Lab		W	12:30PM-02:30PM	ATEC-209		08/22 - 12/17/22

#### ART-26 Beginning Painting

Prerequisite: ART-17 Description: An introduction to the fundamentals of painting (oil or acrylic). An exploration of various considerations in painting; techniques, process, color theory, visual perception, composition, and creative skills. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38248	ART-26	Lecture	3	M	07:45AM-08:35AM	ATEC-209	T Le	08/22 - 12/17/22
		Lab		W	07:45AM-08:50AM	ATEC-209		08/22 - 12/17/22
		Lab		M	08:45AM-11:00AM	ATEC-209		08/22 - 12/17/22
		Lab		W	09:00AM-11:15AM	ATEC-209		08/22 - 12/17/22

#### ART-27 Intermediate Painting

Prerequisite: ART-23 or ART-26 Description: Intermediate level of painting (oil or acrylic). Continued exploration of various techniques and the application of color theory. Development of visual, compositional, and creative skills. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38249	ART-27	Lecture	3	M	07:45AM-08:35AM	ATEC-209	T Le	08/22 - 12/17/22
		Lab		W	07:45AM-08:50AM	ATEC-209		08/22 - 12/17/22
		Lab		M	08:45AM-11:00AM	ATEC-209		08/22 - 12/17/22
		Lab		W	09:00AM-11:15AM	ATEC-209		08/22 - 12/17/22

#### ART-28A Studio Painting-Portfolio Preparation

Prerequisite: ART-27 Description: Independent painting studio for the self-motivated student with emphasis on individual art problems and portfolio development. Specific agreement identifying intent, ideas, goals, and media, to be arranged between instructor and student. Emphasis will be on independent concept, development, and portfolio preparation. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option)

38250	ART-28A	Lecture	3	M	07:45AM-08:35AM	ATEC-209	T Le	08/22 - 12/17/22
		Lab		W	07:45AM-08:50AM	ATEC-209		08/22 - 12/17/22
		Lab		M	08:45AM-11:00AM	ATEC-209		08/22 - 12/17/22
		Lab		W	09:00AM-11:15AM	ATEC-209		08/22 - 12/17/22

#### ART-40A Figure Drawing-Introduction

Prerequisite: ART-17 Description: Introduction to drawing the human figure. Students will draw from a nude model using a variety of media. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option).

38252	ART-40A	Lecture	3	F	08:00AM-10:05AM	ATEC-209	M Ramin	08/22 - 12/17/22
		Lab		F	10:15AM-02:30PM	ATEC-209		08/22 - 12/17/22

#### ART-40B Figure Drawing-Intermediate

Prerequisite: ART-40A Description: Intermediate level of drawing the human figure where emphasis will be on more developed and accurate figurative work, anatomy, improved composition, and further creative exploration. Students will draw from a nude model using a variety of media. Students pay for their own materials. 36 hours lecture and 72 hours laboratory (Letter Grade, or Pass/No Pass option).

38253	ART-40B	Lecture	3	F	08:00AM-10:05AM	ATEC-209	M Ramin	08/22 - 12/17/22
		Lab		F	10:15AM-02:30PM	ATEC-209		08/22 - 12/17/22

#### ART-41A Figure Painting-Introduction

Prerequisite: ART-26 or ART-40A and ART-17 Description: Introduction to painting from the human figure. Students will paint from a nude model using a variety of methods and materials. Students pay for their own materials. 36 hours lecture and 72 hours laboratory (Letter Grade, or Pass/No Pass option.)

38254	ART-41A	Lecture	3	F	08:00AM-10:05AM	ATEC-209	M Ramin	08/22 - 12/17/22
		Lab		F	10:15AM-02:30PM	ATEC-209		08/22 - 12/17/22

## ART HISTORY

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

Prerequisite: None Advisory: ENG-1A Description: Survey of the history of Western art: painting, architecture, and sculpture, Prehistoric through the Medieval periods. Students may not receive credit for both AHS-1 and AHS-1H. 54 hours lecture. (Letter grade only)

39192	AHS-1	Lecture	3	W	06:00PM-09:10PM	IT-122	C Goux	08/22 - 12/17/22
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#### 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.)

39194	AHS-2	Lecture	3			ON-LINE	M Chandler	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

#### 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.)

39173	AHS-6	Lecture	3	TTh	02:30PM-03:55PM	WEQ-W6B	R Dzikowski	08/22 - 12/17/22
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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39174	AHS-6	Lecture	3	T	09:30AM-12:20PM	LIBR-121 ON-LINE	D Campuzano	08/22 - 10/15/22 08/22 - 10/15/22
The above section is a short term hybrid class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
39175	AHS-6	Lecture	3	M	06:00PM-09:10PM	ATEC-114	M Chandler	08/22 - 12/17/22
39188	AHS-6	Lecture	3			ON-LINE	L Lavitt	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
39189	AHS-6	Lecture	3			ON-LINE	L Stone	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
39191	AHS-6	Lecture	3			ON-LINE	L Lavitt	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
39471	AHS-6	Lecture	3			ON-LINE	L Lavitt	10/17 - 12/17/22
The above section is restricted to the CNUSD High School students participating in Norco College's Dual Enrollment Program. 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.								

**AHS-6H Honors Art Appreciation**  
Prerequisite: None. Advisory: ENG-1A, Limitation on enrollment: Enrollment in the Honors Program Description: An introductory course designed for the non-art major. The creative process and the diversity of styles, technique and media evident in various art forms throughout history and culture. Honors course offers an enriched experience for accelerated students through limited class size; seminar format; focus on primary texts; and application of higher level critical thinking skills. Students may not receive credit for both AHS-6 and AHS-6H. 54 hours lecture. (Same as ART-6H) (Letter Grade, or Pass/No Pass option.)

39196	AHS-6H	Lecture	3	MW	02:30PM-03:55PM	IT-208	M Chandler	08/22 - 12/17/22
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**AHS-7 Women Artists in History**  
Prerequisite: None Advisory: ENG-1A Description: Survey of the contributions of women artists from the ancient era through the present. 54 hours lecture.(Letter Grade, or Pass/No Pass option.)

39199	AHS-7	Lecture	3			ON-LINE	M Chandler	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de

**AHS-8 Art History of the Photographic Image**  
PREREQUISITE: None. Description: Survey of the history of still photography from the discipline's inception to the present digital age. Explores the medium of photography as a form of visual communication in historical, socio-political, and cultural contexts. Topics include the evolution of photographic images, process, delivery, and meaning. Students develop visual literacy through verbal and written analyses. 54 hours lecture. (Letter grade or Pass/No Pass option) (Formerly ART-91)

39200	AHS-8	Lecture	3			ON-LINE	M Chandler	10/17 - 12/17/22
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The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.

**AHS-9 African Art History**  
Prerequisite: None Description: A survey of the traditional through contemporary arts of African peoples. Both historical and current expressions of sculpture, body adornment, dance, architecture, painting, artifacts, ceramics, and textiles will be introduced and integrated with other aspects of life and culture in sub-Saharan Africa. 54 hours lecture.(Letter Grade, or Pass/No Pass option.)

39201	AHS-9	Lecture	3	MW	06:55AM-08:20AM	CENT-111	N Green-Hodges	08/22 - 12/17/22
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The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.

## 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)

38262	BIO-1	Lecture	4	TTh	07:50AM-09:15AM	IT-117	T Friedrich Finnern	08/22 - 12/17/22
		Lab						Th
38263	BIO-1	Lecture	4	TTh	04:15PM-05:40PM	IT-117	A Osorio	08/22 - 12/17/22
		Lab						T
38264	BIO-1	Lecture	4	TTh	07:50AM-09:15AM	IT-117	T Friedrich Finnern	08/22 - 12/17/22
		Lab						T
38266	BIO-1	Lecture	4	TTh	04:15PM-05:40PM	IT-117	A Osorio	08/22 - 12/17/22
		Lab						Th
38267	BIO-1	Lecture	4	MW	04:15PM-05:40PM	IT-117	G Blanco	08/22 - 12/17/22
		Lab						M
38273	BIO-1	Lecture	4	F	01:00PM-04:10PM	IT-101	O Kim	08/22 - 12/17/22
		Lab						F

**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)

39185	BIO-4	Lecture	4	TTh	11:15AM-12:40PM	IT-117	S Garcia	08/22 - 12/17/22
		Lab						T
39439	BIO-4	Lecture	4	TTh	11:15AM-12:40PM	IT-117	S Garcia	08/22 - 12/17/22
		Lab						Th

**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.

38277	BIO-10	Lecture	3			ON-LINE	T Friedrich Finnern	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

39180	BIO-10	Lecture	3			ON-LINE	T Friedrich Finnern	08/22 - 12/17/22
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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.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
38278	BIO-18	Lecture	3			ON-LINE	G Blanco	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
BIO-19		Environmental Science (formerly Bio-36)						
Prerequisite: None Description: A study of humans in relation to the environment that emphasizes population ecology, nutrient cycles and energy flow, pollution, food production, and conservation of natural resources. 54 hours lecture. (Letter grade only)								
38279	BIO-19	Lecture	3			ON-LINE	T Friedrich Finern	08/22 - 12/17/22
BIO-21		California Naturalist						
Prerequisite: None Description: Introduction to California's unique ecology and stewardship of California's natural communities with certification as a California Naturalist and training in Project Learning Tree. The UC ANR California Naturalist program uses a science curriculum, hands-on learning, problem-solving, citizen science, and community service to encourage engagement with nature and conservation of local resources. 36 hours lecture 54 hours laboratory. (Letter Grade)								
39184	BIO-21	Lecture	3	F	11:20AM-01:25PM	IT-128	J Reyes	08/22 - 12/17/22
		Lab		F	08:00AM-11:10AM	IT-128		08/22 - 12/17/22
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)								
38280	BIO-45	Lecture	3			ON-LINE	C Breidenbaugh	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. This section is restricted to the CNUSD participating in Norco College's Dual Enrollment Program.								
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)								
38282	BIO-50A	Lecture	4	T	11:30AM-12:20PM	ATEC-114	J Drainville	08/22 - 12/17/22
		Lab		Th	11:30AM-12:35PM	ATEC-114		08/22 - 12/17/22
				TTh	02:00PM-05:10PM	ST-211		08/22 - 12/17/22
38283	BIO-50A	Lecture	4	T	11:30AM-12:20PM	ATEC-114	J Drainville	08/22 - 12/17/22
		Lab		Th	11:30AM-12:35PM	ATEC-114		08/22 - 12/17/22
				TTh	08:00AM-11:10AM	ST-211		08/22 - 12/17/22
38284	BIO-50A	Lecture	4	M	12:45PM-01:35PM	ATEC-114	J Reyes	08/22 - 12/17/22
		Lab		W	12:45PM-01:50PM	ATEC-114		08/22 - 12/17/22
				MW	02:30PM-05:40PM	ST-211		08/22 - 12/17/22
38285	BIO-50A	Lecture	4	M	12:45PM-01:35PM	ATEC-114	J Reyes	08/22 - 12/17/22
		Lab		W	12:45PM-01:50PM	ATEC-114		08/22 - 12/17/22
				MW	09:10AM-12:20PM	ST-211		08/22 - 12/17/22
38286	BIO-50A	Lecture	4	T	05:00PM-05:50PM	IT-122	A Tocts	08/22 - 12/17/22
		Lab		Th	05:00PM-06:05PM	IT-122		08/22 - 12/17/22
				TTh	06:15PM-09:25PM	ST-211		08/22 - 12/17/22
38287	BIO-50A	Lecture	4	T	12:00PM-12:50PM	IT-122	M Donovan	08/22 - 12/17/22
		Lab		Th	12:00PM-01:05PM	IT-122		08/22 - 12/17/22
				TTh	01:15PM-04:25PM	ST-207		08/22 - 12/17/22
38288	BIO-50A	Lecture	4	T	05:15PM-06:05PM	ST-207	I McGuire	08/22 - 12/17/22
		Lab		Th	05:15PM-06:20PM	ST-207		08/22 - 12/17/22
				TTh	06:30PM-09:40PM	ST-207		08/22 - 12/17/22
BIO-50B		Anatomy and Physiology II (formerly Amy-2b)						
Prerequisite: BIO-50A Description: Second of a two course sequence in anatomy and physiology that covers these systems: nervous, special senses, endocrine, cardiovascular, lymphatic, respiratory, urinary, digestive, and reproductive organ systems. 36 hours lecture and 108 hours laboratory. (Letter grade only)								
38289	BIO-50B	Lecture	4	M	11:20AM-12:10PM	IT-117	F Almasarweh	08/22 - 12/17/22
		Lab		W	11:20AM-12:25PM	IT-117		08/22 - 12/17/22
				MW	08:00AM-11:10AM	ST-207		08/22 - 12/17/22
38290	BIO-50B	Lecture	4	M	11:20AM-12:10PM	IT-117	F Almasarweh	08/22 - 12/17/22
		Lab		W	11:20AM-12:25PM	IT-117		08/22 - 12/17/22
				MW	12:45PM-03:55PM	ST-207		08/22 - 12/17/22
38291	BIO-50B	Lecture	4	M	05:00PM-05:50PM	ST-207	G Johansen	08/22 - 12/17/22
		Lab		W	05:00PM-06:05PM	ST-207		08/22 - 12/17/22
				MW	06:15PM-09:25PM	ST-207		08/22 - 12/17/22
38292	BIO-50B	Lecture	4	F	08:00AM-08:50AM	ST-207	W Whalen	08/22 - 12/17/22
		Lab		S	08:00AM-09:05AM	ST-207		08/22 - 12/17/22
				FS	09:15AM-12:25PM	ST-207		08/22 - 12/17/22
BIO-55		Microbiology (formerly Mic-1)						
Prerequisite: CHE-2A or CHE-2B or CHE-3, and BIO-1 or BIO-1H or BIO-50A or BIO-60 or BIO-60H Description: General characteristics of microorganisms with emphasis on morphology, growth, control, metabolism and reproduction; their role in disease, body defenses, and application to the biomedical field. 54 hours lecture and 54 hours laboratory. (Letter grade only)								
38293	BIO-55	Lecture	4	TTh	04:15PM-05:40PM	ATEC-114	B Moore	08/22 - 12/17/22
		Lab		T	06:00PM-09:10PM	ST-203		08/22 - 12/17/22
38294	BIO-55	Lecture	4	TTh	04:15PM-05:40PM	ATEC-114	B Moore	08/22 - 12/17/22
		Lab		Th	06:00PM-09:10PM	ST-203		08/22 - 12/17/22
38295	BIO-55	Lecture	4	MW	07:35AM-09:00AM	IT-101	M Gutierrez	08/22 - 12/17/22
		Lab		M	09:15AM-12:25PM	ST-203		08/22 - 12/17/22
38296	BIO-55	Lecture	4	MW	07:35AM-09:00AM	IT-101	M Gutierrez	08/22 - 12/17/22
		Lab		W	09:15AM-12:25PM	ST-203		08/22 - 12/17/22



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39186	BIO-55	Lecture	4	TTh	04:15PM-05:40PM	ATEC-114	B Moore	08/22 - 12/17/22
		Lab		W	06:00PM-09:10PM	ST-203		08/22 - 12/17/22

**BIO-60** Introduction to Molecular and Cellular Biology (formerly Bio-11)  
Prerequisite: CHE-1A or CHE-1AH Advisory: MAT-35, ENG-50, ENG-80 or qualifying placement level Description: An intensive course for all Life Science majors designed to prepare the student for upper division courses in molecular biology, cell biology, developmental biology, evolution, and genetics. Course material includes principles of biochemistry, prokaryotic and eukaryotic cell structure and function, metabolism including photosynthesis and respiration, cell division and its control, classical and molecular genetics, signal transduction, early animal development, evolution and the diversity of life at the cellular level. 72 hours lecture and 54 hours laboratory.

38297	BIO-60	Lecture	5	MW	10:45AM-12:50PM	WEQ-W5	B Moore	08/22 - 12/17/22
		Lab		W	01:50PM-05:00PM	ST-203		08/22 - 12/17/22

**BIO-61** Introduction to Organismal and Population Biology (formerly Bio-12)  
Prerequisite: BIO-60 or BIO-60H Description: An intensive course designed for all Life Science majors to prepare the student for upper division courses in organismal and population biology. Course materials include plant structure and function, animal systems and behavior, ecological diversity and dynamics, and evolutionary theory, including population genetics. This course along with Biology 60 is intended to fulfill a year of transferable lower division general biology. Some field trips are required. 72 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38298	BIO-61	Lecture	5	M	11:35AM-01:40PM	WEQ-W4	J Drainville	08/22 - 12/17/22
				W	11:35AM-01:40PM	IT-128		08/22 - 12/17/22
		Lab		W	01:50PM-05:00PM	IT-128		08/22 - 12/17/22

## BUSINESS ADMINISTRATION

**BUS-10** Introduction to Business  
Prerequisite: None. Description: Scope, function and organization of contemporary business; fundamentals, concepts, principles, and current practices in the major areas of business activity with an integrated global perspective. 54 hours lecture. (Letter Grade only)

38299	BUS-10	Lecture	3			ON-LINE	E Doucette	08/22 - 10/15/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de). Please note the start and end dates.

38300	BUS-10	Lecture	3	TTh	09:40AM-11:05AM	ATEC-210	A Smith	08/22 - 10/15/22
						ON-LINE		08/22 - 10/15/22

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

38301	BUS-10	Lecture	3	W	06:00PM-09:10PM	IT-109	A Martin	08/22 - 10/15/22
						ON-LINE		08/22 - 10/15/22

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

38302	BUS-10	Lecture	3	MW	12:45PM-02:10PM	ATEC-205	A Martin	08/22 - 12/17/22
38303	BUS-10	Lecture	3			ON-LINE	P Worsham	08/22 - 12/17/22

The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>.

38304	BUS-10	Lecture	3			ON-LINE	E Doucette	10/17 - 12/17/22
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The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

38305	BUS-10	Lecture	3	W	06:00PM-09:10PM	IT-109	A Martin	10/17 - 12/17/22
						ON-LINE		10/17 - 12/17/22

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

38306	BUS-10	Lecture	3			ON-LINE	D Cescolini	08/22 - 10/15/22
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The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <https://rccd.edu/de>.

39329	BUS-10	Lecture	3			ON-LINE	A Martin	08/22 - 10/15/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39330	BUS-10	Lecture	3			ON-LINE	A Martin	10/17 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**BUS-14** Social Media and Online Digital Media Promotions for Entrepreneurs  
Prerequisite: None Description: Introduction to social media and online digital promotional tools used to help promote entrepreneurs with their online presence and to successfully establish their brands. 54 hours lecture. (Letter grade only)

39110	BUS-14	Lecture	3			ON-LINE	R Wolfer	08/22 - 12/17/22
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The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program.

39111	BUS-14	Lecture	3			ON-LINE	R Wolfer	08/22 - 12/17/22
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The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.

**BUS-18A** Business Law I  
Prerequisite: None. Description: Covers the fundamental legal principles pertaining to business transactions. Provides and overview of an introduction to the legal process and dispute resolution. Coverage of federal and state court systems and a comprehensive study of contracts under the common law and the Uniform Commercial Code. Additional coverage includes include sources of law, business ethics, constitutional law, tort law, agency, business organizations, and criminal law as applied to business. 54 hours lecture. (Letter grade only)

38311	BUS-18A	Lecture	3			ON-LINE	J Alpay	08/22 - 10/15/22
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The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

38313	BUS-18A	Lecture	3	M	06:30PM-09:40PM	IT-208	G Sonnier	08/22 - 12/17/22
38314	BUS-18A	Lecture	3			ON-LINE	G Sonnier	08/22 - 12/17/22

The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

38315	BUS-18A	Lecture	3			ON-LINE	J Alpay	10/17 - 12/17/22
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The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <https://rccd.edu/de>.

38317	BUS-18A	Lecture	3			ON-LINE	J Alpay	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>.

**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)

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38318	BUS-18B	Lecture	3	Th	06:30PM-09:40PM	WEQ-W6A ON-LINE	J Alpay	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39331	BUS-18B	Lecture	3			ON-LINE	J Alpay	10/17 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
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)								
38319	BUS-20	Lecture	3			ON-LINE	E Doucette	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38320	BUS-20	Lecture	3			ON-LINE	E Doucette	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . 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)								
38321	BUS-22	Lecture	3			ON-LINE	E Doucette	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
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.								
38322	BUS-24	Lecture	3	M	06:00PM-09:10PM	STEM-115	E Doucette	08/22 - 12/17/22
BUS-30		Entrepreneurship Foundations and Fundamentals						
Prerequisite: None Description: An introductory course designed to explore, identify and evaluate business opportunities with an emphasis on starting and managing a small or existing business: investigating tools and best practices associated with identifying and creating new venture opportunities; explore ways to shape and evaluate the viability of opportunities; understanding key industry factors, market, competitive factors, and customer needs. 54 hour lecture.								
38323	BUS-30	Lecture	3			ON-LINE	F Almeida	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a>								
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)								
38326	BUS-47	Lecture	3			ON-LINE	A Martin	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38327	BUS-47	Lecture	3			ON-LINE	A Smith	10/17 - 12/17/22
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
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)								
38328	BUS-80	Lecture	3			ON-LINE	D Dokter	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
BUS-82		Freight Claims						
Prerequisite: None Description: A study of loss avoidance and mitigation in transit and of the preparation, filing, and resolution. 27 hours lecture. (Letter Grade, or Pass/No Pass option.)								
38329	BUS-82	Lecture	1.5			ON-LINE	C Pentis	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
BUS-83		Contracts						
Prerequisite: None Description: A study of the legal and regulatory requirements applicable to contracts for product transportation and logistics functions and considerations for drafting and negotiating contracts with freight carriers, warehouses and other logistics service providers. 27 hours lecture. (Letter Grade, or Pass/No Pass option.)								
38330	BUS-83	Lecture	1.5			ON-LINE	C Pentis	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the 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.)								
38331	BUS-86	Lecture	3			ON-LINE	C Pentis	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . 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.)								
38332	BUS-87	Lecture	3			ON-LINE	D Dokter	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
BUS-90		International Logistics						
Prerequisite: None Description: An introduction to the role of logistics in global business; including the economic and service characteristics of international transportation providers, the government's role, documentation and terms of sale used in global business, and the fundamentals of effective export and import management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38333	BUS-90	Lecture	3			ON-LINE	D Dokter	10/17 - 12/17/22

The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

## CARPENTRY

### 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.)

39485	CRP-421B	Lecture	2	MTWTh	06:00AM-02:50PM	RSWC-CLAS	A Martinez	12/05 - 12/08/22
		Lab		MTWTh	03:00PM-07:15PM	RSWC-CLAS		12/05 - 12/08/22

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

39487	CRP-421B	Lecture	2	MTWTh	06:00AM-02:50PM	RSWC-CLAS	A Martinez	12/19 - 12/22/22
		Lab		MTWTh	03:00PM-07:15PM	RSWC-CLAS		12/19 - 12/22/22

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.)

39425	CRP-423B	Lecture	1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS	J Huggins	12/12 - 12/15/22
		Lab		MTWTh	12:40PM-04:55PM	RSWC-CLAS		12/12 - 12/15/22

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.)

39429	CRP-433D	Lecture	1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS	J Huggins	12/19 - 12/22/22
		Lab		MTWTh	12:40PM-04:55PM	RSWC-CLAS		12/19 - 12/22/22

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

39486	CRP-433D	Lecture	1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS	A Martinez	12/12 - 12/15/22
		Lab		MTWTh	12:40PM-04:55PM	RSWC-CLAS		12/12 - 12/15/22

### 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.)

39426	CRP-434D	Lecture	1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS	A Kawamoto	12/12 - 12/15/22
		Lab		MTWTh	12:40PM-04:55PM	RSWC-CLAS		12/12 - 12/15/22

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.)

38340	CHE-1A	Lecture	5	MW	12:45PM-02:10PM	HUM-102	W Cui	08/22 - 12/17/22
		Lab		MW	02:40PM-05:50PM	HUM-208		08/22 - 12/17/22

38342	CHE-1A	Lecture	5	MW	04:10PM-05:35PM	ATEC-210	B Ghosh	08/22 - 12/17/22
		Lab		MW	06:30PM-09:40PM	HUM-208		08/22 - 12/17/22

38343	CHE-1A	Lecture	5	MW	11:00AM-12:25PM	LIBR-121	L Zelaya	08/22 - 12/17/22
		Lab		MW	07:30AM-10:40AM	HUM-208		08/22 - 12/17/22

### CHE-1B General Chemistry, II

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

38344	CHE-1B	Lecture	5	TTh	11:15AM-12:40PM	IT-208	J Tyler	08/22 - 12/17/22
		Lab		TTh	02:00PM-05:10PM	HUM-208		08/22 - 12/17/22

38345	CHE-1B	Lecture	5	TTh	04:10PM-05:35PM	IT-211	Z Zhu	08/22 - 12/17/22
		Lab		TTh	06:00PM-09:10PM	HUM-208		08/22 - 12/17/22

### CHE-2A Introductory Chemistry, I

Prerequisite: MAT-52 Description: Introduction to the nature of chemicals, their properties, chemical bonding, reactions, and mixtures. Applications to health and environmental topics. Fulfills the needs of non-science majors. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38346	CHE-2A	Lecture	4	T	06:00PM-09:10PM	IT-117	P Kimbrough	08/22 - 12/17/22
		Lab		Th	06:00PM-09:10PM	HUM-204		08/22 - 12/17/22

38347	CHE-2A	Lecture	4	TTh	11:15AM-12:40PM	IT-101	W Cui	08/22 - 12/17/22
		Lab		Th	02:00PM-05:10PM	HUM-204	V Lee	08/22 - 12/17/22

38348	CHE-2A	Lecture	4	MW	12:45PM-02:10PM	IT-101	A Kapur	08/22 - 12/17/22
		Lab		W	09:00AM-12:10PM	HUM-204	C Lugo	08/22 - 12/17/22

38349	CHE-2A	Lecture	4	MW	12:45PM-02:10PM	IT-101	A Kapur	08/22 - 12/17/22
		Lab		M	09:00AM-12:10PM	HUM-204		08/22 - 12/17/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38350	CHE-2A	Lecture	4	W	06:00PM-09:10PM	IT-117	J Kaur	08/22 - 12/17/22
		Lab		M	06:00PM-09:10PM	HUM-204		08/22 - 12/17/22
38351	CHE-2A	Lecture	4	W	06:00PM-09:10PM	IT-117	J Kaur	08/22 - 12/17/22
		Lab		T	06:00PM-09:10PM	HUM-204		08/22 - 12/17/22
38354	CHE-2A	Lecture	4	TTh	11:15AM-12:40PM	IT-101	W Cui	08/22 - 12/17/22
		Lab		T	02:00PM-05:10PM	HUM-204		08/22 - 12/17/22
38355	CHE-2A	Lecture	4	T	06:00PM-09:10PM	IT-117	P Kimbrough	08/22 - 12/17/22
		Lab		W	06:00PM-09:10PM	HUM-204		08/22 - 12/17/22
38356	CHE-2A	Lecture	4	WF	07:30AM-08:55AM	IT-117	S Sati	08/22 - 12/17/22
		Lab		F	09:10AM-12:20PM	HUM-204	C Lugo	08/22 - 12/17/22

#### CHE-12A Organic Chemistry I

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

38338	CHE-12A	Lecture	5	TTh	02:00PM-03:25PM	STEM-301	C Lugo	08/22 - 12/17/22
		Lab		TTh	09:00AM-12:10PM	HUM-208		08/22 - 12/17/22

#### CHE-12B Organic Chemistry, II

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

38339	CHE-12B	Lecture	5	MW	11:00AM-12:25PM	STEM-301	V Lee	08/22 - 12/17/22
		Lab		F	09:45AM-04:15PM	HUM-208		08/22 - 12/17/22

## CHINESE

#### CHI-1 Chinese 1

PREREQUISITE: None. Description: Develops basic skills in listening, reading, speaking and writing. Emphasis on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Mandarin Chinese at the beginning level. Includes discussion of Chinese culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

38359	CHI-1	Lecture	5	M	02:45PM-05:15PM	IT-211	C Dealba-Yount	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22

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

## COMMUNICATION STUDIES

#### COM-1 Public Speaking

Prerequisite: None Advisory: COM-51 and qualification for ENG-1A Description: Prepares students to compose (develop outlines and research) and present a minimum of four speeches, including informative and persuasive presentations in front of a live audience. Emphasis will include: different purposes of speaking, types of speeches and organizational patterns, topic choice and audience adaptation, rhetorical principles, development and support of sound reasoning and argument, theories of persuasion, application of ethics in public speaking, listening skills, and theory and principles of effective delivery. Students will speak formally for a minimum of 20 total semester minutes. Students may not receive credit for COM 1 and COM 1H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

38392	COM-1	Lecture	3	MW	09:15AM-10:40AM	IT-210	T Mount	08/22 - 12/17/22
38393	COM-1	Lecture	3			ON-LINE	R Stinson	08/22 - 12/17/22

The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>.

38394	COM-1	Lecture	3	TTh	02:30PM-03:55PM	IT-211	T Mount	08/22 - 12/17/22
38395	COM-1	Lecture	3	M	11:10AM-12:35PM	WEQ-W6B	B Rihan	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22

The above section is a hybrid class. Computer with Internet access required. See <https://rccd.edu/de>.

38396	COM-1	Lecture	3			ON-LINE	K Rigby	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>.

38397	COM-1	Lecture	3	MW	12:45PM-02:10PM	IT-211	T Mount	08/22 - 12/17/22
38398	COM-1	Lecture	3	W	11:15AM-12:40PM	WEQ-W6A	R Stinson	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22

The above section is a hybrid class. Computer with Internet access required. See <https://rccd.edu/de>.

38399	COM-1	Lecture	3			ON-LINE	S Nafzgar	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>.

38400	COM-1	Lecture	3	T	06:00PM-07:25PM	IT-210	J Vierra	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22

The above section is a hybrid class. Computer with Internet access required. See <https://rccd.edu/de>.

38401	COM-1	Lecture	3	TTh	08:00AM-09:25AM	IT-210	S Nafzgar	08/22 - 12/17/22
38402	COM-1	Lecture	3	MW	07:35AM-09:00AM	IT-210	B Natividad	08/22 - 12/17/22
38403	COM-1	Lecture	3	TTh	11:15AM-12:40PM	IT-121	S Nafzgar	08/22 - 12/17/22
38404	COM-1	Lecture	3	T	09:40AM-11:05AM	IT-210	M Lewis	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22

The above section is a hybrid class. Computer with Internet access required. See <https://rccd.edu/de>.

38405	COM-1	Lecture	3			ON-LINE	S Nafzgar	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>.

38406	COM-1	Lecture	3	TTh	02:30PM-03:55PM	IT-210	E Arvilla	08/22 - 12/17/22
39136	COM-1	Lecture	3			JVHS-ONLN	K Rigby	08/22 - 12/17/22

This section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39138	COM-1	Lecture	3			SANT-ONLN	K Rigby	08/22 - 12/17/22
This section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program.								
39252	COM-1	Lecture	3	Th	04:15PM-05:40PM	LIBR-121 ON-LINE	N Aceves	08/22 - 12/17/22 08/22 - 12/17/22
The above section is designed with special emphasis on African American culture. Contact the Umoja counselor (sean.davis@norcollege.edu) prior to enrolling. The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">www.rccd.edu/de</a>								
39253	COM-1	Lecture	3	Th	04:10PM-05:35PM	REG-MEET ON-LINE	N Aceves	08/22 - 12/17/22 08/22 - 12/17/22
The above section is designed with special emphasis on African American culture. Contact the Umoja counselor (sean.davis@norcollege.edu) prior to enrolling. This is a HYFLEX section, students will attend class remotely at the listed times along with students who are attending on campus.								
39462	COM-1	Lecture	3			ON-LINE	S Nafzgar	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39482	COM-1	Lecture	3			ON-LINE	S Nafzgar	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
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.)								
38412	COM-3	Lecture	3	MW	11:10AM-12:35PM	IT-210	T Mount	08/22 - 12/17/22
38413	COM-3	Lecture	3	TTh	04:10PM-05:35PM	IT-210	T Mount	08/22 - 12/17/22
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.)								
38414	COM-6	Lecture	3	Th	09:35AM-11:00AM	IT-210 ON-LINE	S Nafzgar	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
COM-9		Interpersonal Communication						
Prerequisite: None Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
38415	COM-9	Lecture	3	MW	12:45PM-02:10PM	IT-210	B Natividad	08/22 - 12/17/22
38416	COM-9	Lecture	3			ON-LINE	M Lewis	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38417	COM-9	Lecture	3			ON-LINE	A Olaerts	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38418	COM-9	Lecture	3	W	09:15AM-10:40AM	WEQ-W6B ON-LINE	R Stinson	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38419	COM-9	Lecture	3			ON-LINE	A Olaerts	08/22 - 10/01/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38420	COM-9	Lecture	3	TTh	08:00AM-09:25AM	IT-108	E Arvilla	08/22 - 12/17/22
38421	COM-9	Lecture	3			ON-LINE	A Olaerts	10/31 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38422	COM-9	Lecture	3	M	09:15AM-10:40AM	WEQ-W6B ON-LINE	B Rihan	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38423	COM-9	Lecture	3			ON-LINE	M Lewis	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38424	COM-9	Lecture	3	W	06:00PM-09:10PM	IT-210	G Stinson	08/22 - 12/17/22
38425	COM-9	Lecture	3	T	02:30PM-03:55PM	LIBR-109 ON-LINE	C Gutierrez	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a web-enhanced class. Internet access is required.								
38426	COM-9	Lecture	3			ON-LINE	M Lewis	08/22 - 12/17/22
This section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38427	COM-9	Lecture	3			ON-LINE	M Lewis	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38428	COM-9	Lecture	3			ON-LINE	A Olaerts	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39140	COM-9	Lecture	3			ERHS-ONLN	K Rigby	08/22 - 12/17/22
This section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
39448	COM-9	Lecture	3			ON-LINE	B Rihan	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
39458	COM-9	Lecture	3			ON-LINE	J Vierra	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39463	COM-9	Lecture	3			ON-LINE	M Lewis	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39464	COM-9	Lecture	3			ON-LINE	E Arvilla	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39472	COM-9	Lecture	3			ON-LINE	M Lewis	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39483	COM-9	Lecture	3			ON-LINE	A Olaerts	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								

COM-11 Storytelling  
Prerequisite: None Advisory: COM-51 and qualification for ENG-1A Description: A study of the history, theory, and practice of the oral art of storytelling. The historical and current practice of the oral tradition of both prose and poetry will be covered using a multicultural perspective. Students will research, prepare, and perform stories from a variety of genres and cultures. Oral presentations required. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

38409	COM-11	Lecture	3	T	11:15AM-12:40PM	IT-210 ON-LINE	M Lewis	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

COM-12 Intercultural Communication  
Prerequisite: None Advisory: COM-51 and qualification for ENG-1A Description: Introduction to the factors affecting intercultural communication focusing on culture, language, and social patterns and their influence on how members of groups relate among themselves and with members of different ethnic and cultural groups. Theory and knowledge of effective communication within and between cultures and appreciation and comparison of communication among diverse groups within the larger context of American culture are explored with an emphasis on self-evaluation and skill development. 54 hours lecture. (Letter Grade or Pass/No Pass option)

38410	COM-12	Lecture	3	T	09:40AM-11:05AM	WEQ-W5 ON-LINE	A Olaerts	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

COM-20 Introduction to Communication Theory  
Prerequisite: None Description: A survey of the discipline of communication studies with emphasis on multiple epistemological, theoretical, and methodological issues relevant to the systematic inquiry and pursuit of knowledge about human communication. This course explores the basic history, assumptions, principles, processes, variables, methods, and specializations of human communication as an academic field of study. 54 hours lecture. (Letter Grade, or Pass/No Pass Option)

39133	COM-20	Lecture	3			ON-LINE	S Nafzgar	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								

## COMPUTER APPLICATIONS/OFFICE

CAT-80 Word Processing: Microsoft Word for Windows  
Prerequisite: None Advisory: CAT-51 Description: Develops introductory through advanced skills to format documents using Microsoft Word. Students create fliers, letters, memos, reports and office documents. Topics include mail merge and table basics and introduces advanced features and text editing tools of Microsoft Word. Students create reference documents, online forms and newsletters. Topics may include the use of macros and collaboration and integration tools. 54 hours lecture and 18 hours laboratory. (TBA Option) (Same as CIS-80)

38335	CAT-80	Lecture Lab	3			ON-LINE ON-LINE	N Brown	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

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

38337	CAT-98A	Lecture Lab	1.5			ON-LINE ON-LINE	B Fuller	08/22 - 10/15/22 08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

## 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.

38367	CIS-1A	Lecture Lab	3	MW	04:10PM-05:35PM	ATEC-118 ON-LINE	J Coverdale	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

38368	CIS-1A	Lecture	3	M W	08:00AM-08:50AM 08:00AM-09:05AM	ATEC-118 ATEC-118 ON-LINE ON-LINE	J Coverdale	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

38370	CIS-1A	Lecture Lab	3			ON-LINE ON-LINE	J Perry	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

38371	CIS-1A	Lecture Lab	3			ON-LINE ON-LINE	C McConnell-Freeman	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

38372	CIS-1A	Lecture Lab	3			ON-LINE ON-LINE	D Friedman	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

38373	CIS-1A	Lecture Lab	3			ON-LINE ON-LINE	D Warren	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

38374	CIS-1A	Lecture	3	T	09:40AM-11:05AM	IT-127 ON-LINE ON-LINE	J Coverdale	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
38378	CIS-5	Lecture Lab	4	M	09:15AM-12:25PM	ON-LINE IT-125	J Coverdale	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 54-hour lecture to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38379	CIS-5	Lecture Lab	4	MW MW	12:45PM-02:10PM 02:20PM-03:45PM	ATEC-118 ATEC-118	J Ruiz	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a web-enhanced class. Computer with Internet access required.								
38380	CIS-5	Lecture Lab	4			ON-LINE ON-LINE	J Perry	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38381	CIS-5	Lecture Lab	4			ON-LINE ON-LINE	J Perry	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
38382	CIS-5	Lecture Lab	4			ON-LINE ON-LINE	J Wilson	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
CIS-7		Discrete Structures						
Prerequisite: CIS/CSC-5 Description: This course is an introduction to the discrete structures used in Computer Science with an emphasis on their applications. Topics covered include: Functions, Relations and Set; Basic Logic; Proof Techniques; Basics of Counting; Graphs and Trees; and Discrete Probability. 54 hours lecture and 18 hours laboratory(TBA option).								
38385	CIS-7	Lecture Lab	3	W W	05:50PM-09:00PM 09:10PM-10:00PM	ATEC-118 ATEC-118	J Ruiz	08/22 - 12/17/22 08/22 - 12/17/22
CIS-12		PHP Dynamic Web Site Programming						
Prerequisite: None Advisory: CIS/CSC-5 and CIS-72A and CIS/CSC-14A Description: Dynamic web site programming using PHP. Fundamentals of server-side web programming. Introduction to database-driven web sites, using PHP to access a database such as MySQL. Web applications such as user registration, content management, and e-commerce. This course is intended for students already familiar with the fundamentals of programming and HTML. 54 hours lecture and 18 hours laboratory. (TBA Lab)(Letter Grade, or Pass/No Pass option.)(Same as CSC-12)								
38360	CIS-12	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
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)								
38361	CIS-17A	Lecture Lab	3	M W W	10:35AM-12:40PM 10:35AM-11:25AM 11:40AM-12:30PM	ATEC-118 ATEC-118 ATEC-118	J Ruiz	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a web-enhanced class. Internet access is required.								
CIS-17C		C++ Programming: Data Structures						
Prerequisite: None Advisory: CIS/CSC-17A Description: This course offers a thorough presentation of the essential principles and practices of data structures using the C++ programming language. The course emphasizes abstract data types, software engineering principles, lists, stacks, queues, trees, graphs, and the comparative analysis of algorithms. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.) (Same as CSC-17C)								
38363	CIS-17C	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a>								
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.)								
38364	CIS-18A	Lecture Lab	3	Th Th	05:45PM-08:55PM 09:00PM-09:55PM	ATEC-118 ATEC-118	C Andersen	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a web-enhanced class. Internet access is required.								
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)								
38365	CIS-18C	Lecture Lab	3	T T	05:45PM-08:55PM 09:00PM-09:55PM	ATEC-118 ATEC-118	C Andersen	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a web-enhanced class. Internet access is required.								
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)								
39259	CIS-30A	Lecture Lab	3			ON-LINE ON-LINE	J Wilson	08/22 - 12/17/22 08/22 - 12/17/22
CIS-78A		Introduction to Adobe Photoshop						
Prerequisite: None Description: Introduction to Adobe Photoshop including mastery of digital image editing, selections, photo correction, image improvement, and vector drawing. Additional instruction in these skills: type manipulation, special effects, color correction, and web page illustrations. 54 hours lecture and 18 hours laboratory. (TBA option). (Letter Grade only) (Same as CAT-78A)								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38386	CIS-78A	Lecture Lab	3	TTh	08:00AM-09:25AM	ATEC-118 ON-LINE	A Johnson	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
38387	CIS-78A	Lecture Lab	3	MT W F	02:25PM-03:15PM 02:25PM-03:35PM 02:25PM-03:15PM	JVHS-B6 JVHS-B6 JVHS-B6	D Warren	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program and is a web-enhanced class. Internet access required.								

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)							
38388	CIS-79	Lecture Lab	3	TTh	09:40AM-11:05AM	ATEC-118 ON-LINE	A Johnson	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

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)							
38391	CIS-98A	Lecture Lab	1.5			ON-LINE ON-LINE	B Fuller	08/22 - 10/15/22 08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Please note the start and end dates.								

## CONSTRUCTION TECHNOLOGY

CON-60	Introduction to Construction Prerequisite: None Description: An overview of the basic concepts of construction, including city and regional planning, managing, contracting, designing, engineering, estimating, bidding, inspection and production work normally associated with construction. An overview of how building codes affect the design, materials and methods of constructing buildings and other projects. Students will be expected to participate in several field trips. 54 hours lecture. (Letter grade only)							
38429	CON-60	Lecture	3	T	06:30PM-09:40PM	IT-123	J Thomas	08/22 - 12/17/22

CON-61	Materials of Construction Prerequisite: None Description: An introduction to the materials used in the construction of buildings; identification of materials, their properties and uses. The characteristics and properties of such materials such as concrete, steel, timber, masonry, plaster, roofing and all other structural and ornamental materials. 54 hours lecture. (Letter grade only)							
38430	CON-61	Lecture	3			ON-LINE	P Link	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								

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)							
38431	CON-62	Lecture	3			ON-LINE	R Skaggs	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								

CON-65	Plumbing Code Prerequisite: None Description: Review of plumbing codes including discussion and analysis of the application of physical laws in development of the code requirements. 54 hours lecture. (Letter grade only)							
38432	CON-65	Lecture	3	M	06:30PM-09:40PM	IT-122	J Thomas	08/22 - 12/17/22

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)							
38434	CON-66	Lecture	3			ON-LINE	J Thomas	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								

CON-70	Soil Tech Fndamentals Prerequisite: None. Description: Field inspection and testing of soils and rock for grading and building contractors. A systematic approach to soil classification, strength, compressibility and expansive characteristic is covered. Methods of observation and foundation types are considered in detail. A survey of engineering and analysis is made. 54 hours lecture. Letter Grade							
38436	CON-70	Lecture	3			ON-LINE	J Thomas	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								

CON-80	Construction Scheduling Prerequisite: None Description: Construction Scheduling will provide an overview of the uses and the types of schedules that are used in the preconstruction and construction stages of a project. 54 hours lecture.							
39307	CON-80	Lecture	3	Th	06:30PM-09:40PM	IT-122	J Thomas	08/22 - 12/17/22

## DANCE

DAN-6	Dance Appreciation Prerequisite: None Description: A nontechnical course for the general student leading to the appreciation and understanding of dance as a medium of communication, entertainment, and as an art form. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)							
38437	DAN-6	Lecture	3			ON-LINE	E Goe	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

## DRAFTING

DFT-21	Drafting Prerequisite: None. Description: Fundamentals of Architectural and Mechanical Engineering drafting including lettering, instruments and their uses, geometric construction, types of projection, freehand drawing, sectioning, dimension, auxiliary views, and pictorial drawing. Recommended for beginners and students with up to one year of drafting in high school. 27 hours lecture and 81 hours laboratory. Same as ENE-21. (Letter Grade, or Pass/No Pass option)							
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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38439	DFT-21	Lecture	3			ON-LINE	F Mirzaei	08/22 - 12/17/22
		Lab		W	09:30AM-12:40PM	A TEC-109		08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22

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

**DFT-24** Revit I-Architectural Drafting  
Prerequisite: DFT/ENE-21 and ENE-30 Description: Introduction to methods and techniques used in the development of architectural construction documents for light frame structures (Type V construction) including construction theory, notation, materials symbols, drawing format and general practice. Using Computer-Aided Drafting (CAD) and Building Information Modeling (BIM-Revit I), this course will focus on the drawing of a set of plans to include a plot plan, foundation plan, floor plan(s), sections, exterior and interior elevations, electrical plan and basic structural details. Sketching techniques will also be covered. 27 hours lecture and 90 hours laboratory. Same as ARE-24. (Letter Grade, or Pass/No Pass option.)

39187	DFT-24	Lecture	3	T	06:00PM-07:25PM	IT-127	W Brown	08/22 - 12/17/22
		Lab		T	07:35PM-09:40PM	IT-127		08/22 - 12/17/22
		Lab		Th	06:00PM-09:10PM	IT-127		08/22 - 12/17/22

**DFT-27** Technical Communications  
Prerequisite: None Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture. (Same as ELE/ENE-27)

38441	DFT-27	Lecture	3	MW	07:45AM-11:05AM	IT-124	A Johnson	10/17 - 12/14/22
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The above section is a short term class. Please note the start and end dates.

**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)

38443	DFT-30	Lecture	3			ON-LINE	F Mirzaei	08/22 - 12/17/22
		Lab		T	06:00PM-09:10PM	A TEC-109		08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22

The above section is a hybrid 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)

38444	DFT-42	Lecture	3			ON-LINE	F Mirzaei	08/22 - 12/17/22
		Lab		W	06:00PM-09:10PM	A TEC-109		08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22

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)

38446	DFT-51	Lecture	2	MW	02:30PM-03:55PM	IT-125	G Cordier	10/17 - 12/14/22
		Lab		MW	04:10PM-05:35PM	IT-125		10/17 - 12/14/22

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

**DFT-52** Geometric Dimensioning and Tolerancing  
Prerequisite: None Description: Presents the basics of the Standards of Geometric Dimensioning and Tolerancing. This course will help students read, interpret and use ANSI Y14.5M, the current standard for drafting. 36 hours lecture. 54 hours lab. Same as ENE-52. (Letter Grade, or Pass/No Pass option.)

38447	DFT-52	Lecture	3	M	06:00PM-06:50PM	IT-127	G Cordier	08/22 - 12/17/22
				W	06:00PM-07:05PM	IT-127		08/22 - 12/17/22
		Lab		MW	07:15PM-08:40PM	IT-127		08/22 - 12/17/22

## 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)

39353	EAR-19	Lecture	3	M	11:00AM-12:25PM	REG-MEET	S Burnett	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22

REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times

39354	EAR-19	Lecture	3	M	11:00AM-12:25PM	IT-209	S Burnett	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22

This class is a HYFLEX section; students can choose to attend class on campus in person or remotely during the scheduled times.

**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)

38451	EAR-20	Lecture	3	W	11:00AM-12:25PM	IT-209	S Burnett	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22

This class is a HYFLEX section; students can choose to attend class on campus in person or remotely during the scheduled times.

38452	EAR-20	Lecture	3			ON-LINE	S Sumiati	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38453	EAR-20	Lecture	3			ON-LINE	T Oliver	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38455	EAR-20	Lecture	3			CUSD-ONLN	M Adams	08/22 - 12/17/22
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The above section is restricted to the CNUSD 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](http://www.rccd.edu/de)

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38456	EAR-20	Lecture	3	TTh	09:40AM-11:05AM	IT-209	A Neptune	08/22 - 12/17/22
39212	EAR-20	Lecture	3	W	11:00AM-12:25PM	REG-MEET ON-LINE	S Burnett	08/22 - 12/17/22 08/22 - 12/17/22
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times								
39460	EAR-20	Lecture	3			CUSD-ONLN	M Adams	08/22 - 12/17/22
The above section is restricted to the CNUSD High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
<b>EAR-24 Introduction to Curriculum</b>								
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)								
38458	EAR-24	Lecture	3			ON-LINE	S Burnett	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
39215	EAR-24	Lecture	3	MW	09:15AM-10:40AM	IT-209	L Vazquez	08/22 - 12/17/22
39441	EAR-24	Lecture	3			ON-LINE	S Burnett	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
<b>EAR-25 Teaching in a Diverse Society</b>								
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)								
39352	EAR-25	Lecture	3	TTh	02:30PM-03:55PM	IT-209	M Adams	08/22 - 12/17/22
<b>EAR-26 Health, Safety and Nutrition</b>								
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)								
39351	EAR-26	Lecture	3			ON-LINE	L Vazquez	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
<b>EAR-28 Principles and Practices of Teaching Young Children</b>								
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 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)								
39355	EAR-28	Lecture	3	MW	12:45PM-02:10PM	IT-209	S Burnett	08/22 - 12/17/22
The above class is a HYFLEX section; students can choose to attend class on campus in person or remotely during the scheduled times.								
39356	EAR-28	Lecture	3	MW	12:45PM-02:10PM	REG-MEET	S Burnett	08/22 - 12/17/22
REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times								
39357	EAR-28	Lecture	3			ON-LINE	S Burnett	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
<b>EAR-33 Infant and Toddler Development</b>								
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)								
38463	EAR-33	Lecture	3	Th	06:00PM-09:10PM	IT-209	R Carreon-Bailey	08/22 - 12/17/22
<b>EAR-40 Intro Children With Special Needs</b>								
Prerequisite: None Description: Introduces variations in development of children with special needs ages birth through eight and the resulting impact on families. Includes an overview of historical and societal influences, laws relating to children with special needs, and the identification and referral process. This course will include required observations of programs for infants and children with special needs and their families. 54 hours lecture. (Letter Grade only.)								
38464	EAR-40	Lecture	3			ON-LINE	M Adams	08/22 - 12/17/22
This section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
<b>EAR-42 Child, Family, and Community</b>								
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)								
39358	EAR-42	Lecture	3	T	06:00PM-07:25PM	IT-209 ON-LINE	M Adams	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
<b>EAR-47 Childhood Stress and Trauma</b>								
Prerequisite: None Description: A comprehensive overview of concepts, theories, and issues related to childhood stress and trauma. Emphasis is on the short-and long-term effects that stress and trauma has on the physical, cognitive, language, social, and emotional stages of a child's development. Students will be introduced to child behavior patterns and potential responses to stress and trauma. Students will examine research and innovative methods that support the child's coping skills and healing process. This course is designed to develop an understanding of how children react and adapt to stress and trauma and what parents and early childhood practitioners can do to assist children. 54 hours lecture. (Letter grade)								
39217	EAR-47	Lecture	3			ON-LINE	M Adams	08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

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

### ECO-4 Intro Economics

Prerequisite: None. Description: An entry-level, general education course which introduces and surveys basic macroeconomic and microeconomic principles. This course emphasizes the causes and consequences of the business cycle on output, employment, and prices as well as basic supply and demand analysis across different market structures. Analysis further includes the role of the government in the macro-economy and the micro-economy. 54 hours lecture. (Letter grade)

38468	ECO-4	Lecture	3			ON-LINE	C Rajakone	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### ECO-7 Principles of Macroeconomics

Prerequisite: MAT-52. 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)

38469	ECO-7	Lecture	3	TTh	09:40AM-11:05AM	IT-109	P Boelman	08/22 - 12/17/22
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38470	ECO-7	Lecture	3	MW	12:45PM-02:10PM	HUM-103	P Boelman	08/22 - 12/17/22
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### 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)

38472	ECO-8	Lecture	3			ON-LINE	P Boelman	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38473	ECO-8	Lecture	3			ON-LINE	P Boelman	08/22 - 12/17/22
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This section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38474	ECO-8	Lecture	3	TTh	11:15AM-12:40PM	IT-109	P Boelman	08/22 - 12/17/22
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## ELECTRICITY

### ELC-72 Commercial and Industrial Electrical Wiring

Prerequisite: None Description: Wiring of commercial and industrial buildings including equipment grounding, service grounding, power distribution, conduit types, metal, plastic, flexible, bending and supporting, light distribution and blueprint reading. Hands-on lab experiences are selected to reinforce key theories. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option) (Same As ELE-72)

38475	ELC-72	Lecture	4	S	08:00AM-11:10AM	ATEC-119	J Vela	08/22 - 12/17/22
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		Lab		S	11:55AM-03:05PM	ATEC-119		08/22 - 12/17/22
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### 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)

38476	ELC-73	Lecture	4	T	06:00PM-09:10PM	IT-124	J Vela	08/22 - 12/17/22
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		Lab		Th	06:00PM-09:10PM	IT-124	A Munoz	08/22 - 12/17/22
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### 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)

38478	ELC-74	Lecture	4	MW	06:00PM-07:25PM	IT-124	J Vela	08/22 - 12/17/22
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		Lab		MW	07:35PM-09:00PM	IT-124		08/22 - 12/17/22
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### 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)

38479	ELC-75	Lecture	3	S	08:00AM-10:05AM	IT-202	C Keissieh	08/22 - 12/17/22
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		Lab		S	10:15AM-01:25PM	IT-202		08/22 - 12/17/22
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### 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)

39238	ELC-76	Lecture	3	T	06:00PM-06:50PM	IT-202	M Dowlatabadi	08/22 - 12/17/22
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				Th	06:00PM-07:05PM	IT-202		08/22 - 12/17/22
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		Lab		TTh	07:15PM-08:40PM	IT-202		08/22 - 12/17/22
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### ELC-77 Electrical Theory for Electricians

(Same as MAN/ELE-77) Prerequisite: None Description: An introduction to electrical theory, Ohm's Law, magnetism, electromagnetism, voltage, resistance, current, inductance, capacitance, reactance, impedance, Watts, Volt-Amps, VARs, current control devices, sensors and actuators phase angle, power-factor, transformers, motors, power distribution systems, and proper usage of electrical test equipment (meters). Student will learn concepts of electrical power, energy, 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)

38480	ELC-77	Lecture	3	M	06:30PM-07:20PM	IT-202	K Rad	08/22 - 12/17/22
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				W	06:30PM-07:35PM	IT-202		08/22 - 12/17/22
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		Lab		MW	07:45PM-09:10PM	IT-202		08/22 - 12/17/22
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## 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)

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38481	ELE-10	Lecture	4	M	11:35AM-02:25PM	IT-202	M Dowlatabadi	08/22 - 12/17/22
				W	11:35AM-12:25PM	IT-202		08/22 - 12/17/22
		Lab		W	12:35PM-02:00PM	IT-202		08/22 - 12/17/22
ELE-72	Commercial and Industrial Electrical Wiring Prerequisite: None Description: Wiring of commercial and industrial buildings including equipment grounding, service grounding, power distribution, conduit types, metal, plastic, flexible, bending and supporting, light distribution, and blueprint reading. Hands-on lab experiences are selected to reinforce key theories. 54 hours lecture and 54 hours laboratory. Pass/No Pass, Letter Grade (Same as ELC-72)							
38505	ELE-72	Lecture	4	S	08:00AM-11:10AM	ATEC-119	J Vela	08/22 - 12/17/22
		Lab		S	11:55AM-03:05PM	ATEC-119		08/22 - 12/17/22
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)							
38506	ELE-73	Lecture	4	T	06:00PM-09:10PM	IT-124	J Vela	08/22 - 12/17/22
		Lab		Th	06:00PM-09:10PM	IT-124	A Munoz	08/22 - 12/17/22
ELE-74	Industrial Wiring and Controls Prerequisite: None Description: Industrial controls and electrical wiring of modern facilities, manufacturing, or warehousing. Included will be production equipment, conveyor systems, hydraulic and pneumatic controls, power distribution, blueprint reading, electrical control wiring, PLC (programmable logic controller) control wiring, VFD (variable frequency drives) wiring and programming. 54 hours lecture and 54 hours laboratory. (Letter Grade or Pass/No Pass option) (Same as ELC/MAN-74)							
38508	ELE-74	Lecture	4	MW	06:00PM-07:25PM	IT-124	J Vela	08/22 - 12/17/22
		Lab		MW	07:35PM-09:00PM	IT-124		08/22 - 12/17/22
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)							
38509	ELE-75	Lecture	3	S	08:00AM-10:05AM	IT-202	C Keissieh	08/22 - 12/17/22
		Lab		S	10:15AM-01:25PM	IT-202		08/22 - 12/17/22
ELE-76	Low Voltage Wiring/Alternate Energy Prerequisite: None. Description: Introduces electricians to the specialized needs and requirements of institutional, educational and government entities, along with overlapping demands of other specialty areas that include access-control, security/safety, flood, fire and gas detection, environmental controls and renewable energy systems, patient-monitoring, nurse-call, closed-circuit television (CCTV), Internet-Intercom and phone systems and remote-monitoring and control applications. 36 hours lecture and 54 hours laboratory. Pass/No Pass, Letter Grade. (same as ELC-76)							
39236	ELE-76	Lecture	3	T	06:00PM-06:50PM	IT-202	M Dowlatabadi	08/22 - 12/17/22
				Th	06:00PM-07:05PM	IT-202		08/22 - 12/17/22
		Lab		TTh	07:15PM-08:40PM	IT-202		08/22 - 12/17/22
ELE-77	Electrical Theory for Electricians Prerequisite: None Description: An introduction to electrical theory, Ohm's Law, magnetism, electromagnetism, voltage, resistance, current, inductance, capacitance, reactance, impedance, Watts, Volt-Amps, VARs, current control devices, sensors and actuators phase angle, power-factor, transformers, motors, power distribution systems, and proper usage of electrical test equipment (meters). Student will learn concepts of electrical power, energy, Kirchoff's Laws, along with basic math to solve fundamental electrical problems for both alternating current (A.C.) and direct current (D.C.) circuits. Student will learn basic electrical safety procedures, including the proper use and requirements for personal protective equipment (PPE). 36 hours lecture 54 hours laboratory. Pass/ No Pass, Letter grade, (same as ELC/MAN-77)							
38510	ELE-77	Lecture	3	M	06:30PM-07:20PM	IT-202	K Rad	08/22 - 12/17/22
				W	06:30PM-07:35PM	IT-202		08/22 - 12/17/22
		Lab		MW	07:45PM-09:10PM	IT-202		08/22 - 12/17/22
ELE-400	Introduction to the Electrical Trades And Construction Safety Prerequisite: None Limitation on enrollment: Student is a registered State indentured apprentice Description: Focusing on electrical trades, students will examine safety issues surrounding construction job-sites and installation of electrical systems. Includes OSHA 10 Construction certification training, identification of job-site hazards, safe work practices and personal protective equipment for various construction site hazards. Care for breathing and cardiac emergencies along with basic first aid and automatic external defibrillator (AED) training for use on both adults and children. Substance abuse will be addressed. Basic math operations will be reviewed and reinforced. 45 hours lecture and 54 hours laboratory. (Same as ELC-400) Letter grade.							
38483	ELE-400	Lecture	3.5	MW	06:00PM-07:10PM	JACT-1	G Montejano	08/22 - 12/17/22
		Lab		MW	07:20PM-08:45PM	JACT-1		08/22 - 12/17/22
	The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.							
38484	ELE-400	Lecture	3.5	MW	03:00PM-04:10PM	JACT-1	P Conway	08/22 - 12/17/22
		Lab		MW	04:20PM-05:45PM	JACT-1		08/22 - 12/17/22
	The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.							
38485	ELE-400	Lecture	3.5	MW	06:00PM-07:10PM	JACT-9	P Brown	08/22 - 12/17/22
		Lab		MW	07:20PM-08:45PM	JACT-9		08/22 - 12/17/22
	The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.							
38486	ELE-400	Lecture	3.5	MW	03:00PM-04:10PM	JACT-2	P Conway	08/22 - 12/17/22
		Lab		MW	04:20PM-05:45PM	JACT-2		08/22 - 12/17/22
	The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.							
39295	ELE-400	Lecture	3.5	MW	03:00PM-04:10PM	JACT-7	F Rodriguez	08/22 - 12/17/22
		Lab		MW	04:20PM-05:45PM	JACT-7		08/22 - 12/17/22
	The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.							
39445	ELE-400	Lecture	3.5	MW	06:00PM-07:10PM	JACT-2	G Montejano	08/22 - 12/17/22
		Lab		MW	07:20PM-08:45PM	JACT-2		08/22 - 12/17/22
	The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.							
ELE-402	Advanced DC Circuit Concepts, Introduction to 3-Phase AC Circuits, Test Equipment, and National Electric Code Applications Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Electrician circuit analysis techniques, series, parallel, and combination DC circuits, test equipment, National Electric Code (NEC), and elementary 3-Phase AC circuits will be introduced. 45 hours lecture and 54 hours laboratory. (Same as ELC-402) (Letter grade)							

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38487	ELE-402	Lecture Lab	3.5	TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-3 JACT-3	P Conway	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38488	ELE-402	Lecture Lab	3.5	TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-3 JACT-3	G Montejano	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38489	ELE-402	Lecture Lab	3.5	TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-4 JACT-4	J Bachtel	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38490	ELE-402	Lecture Lab	3.5	MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-3 JACT-3	J Bachtel T Collins	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
39296	ELE-402	Lecture Lab	3.5	MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-7 JACT-7	M Felts	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
ELE-404		Digital Logic Circuits, Conductor Characteristics, Applications, and National Electric Code (NEC)						
Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Digital logic concepts and their real-world application. Electrician identification, selection, and installation of electrical conductors in accordance with National Electrical Code (NEC). 45 hours lecture and 54 hours laboratory. (same as ELC-404) Letter Grade.								
38491	ELE-404	Lecture Lab	3.5	TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-2 JACT-2	L Vergeront	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38492	ELE-404	Lecture Lab	3.5	TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-2 JACT-2	M Felts	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
39298	ELE-404	Lecture Lab	3.5	TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-7 JACT-7	P Brown	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
39299	ELE-404	Lecture Lab	3.5	TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-7 JACT-7	T Dillon	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
39466	ELE-404	Lecture Lab	3.5	MW	06:00PM-07:25PM 07:35PM-09:25PM	JACT-6 JACT-6	L Vergeront	09/07 - 12/17/22 09/07 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
ELE-406		Grounding Systems, Advanced Blueprints and Specifications, Motor Design and Installation, and National Electric Code						
Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Advanced concepts for blueprints and specifications. Study of motor design and application and National Electric Code concepts.45 hours lecture and 54 hours laboratory. (Same as ELC-406) Letter grade								
38494	ELE-406	Lecture Lab	3.5	MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-4 JACT-4	L Vergeront	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
39446	ELE-406	Lecture Lab	3.5	MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-5 JACT-5	E Engberson	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
39465	ELE-406	Lecture Lab	3.5	TTh	06:00PM-07:25PM 07:35PM-09:25PM	JACT-6 JACT-6	S Kadella	09/06 - 12/17/22 09/06 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
ELE-408		Transformer Theory, Leadership, Management, and Test Equipment						
Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Explores electrician theory and field application of transformers, test equipment, including management and leadership principles for supervisors, along with special equipment for security systems for the grid. 45 hours lecture and 54 hours laboratory. (Same as ELC-408) Letter Grade.								
38495	ELE-408	Lecture Lab	3.5	TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-5 JACT-5	T Collins F Rodriguez	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38496	ELE-408	Lecture Lab	3.5	TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-5 JACT-5	S Kadella	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38497	ELE-408	Lecture Lab	3.5	TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-6 JACT-6	T Dillon	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
39467	ELE-408	Lecture Lab	3.5	TTh	06:00PM-07:25PM 07:35PM-09:25PM	JACT-4 JACT-4	E Engberson	09/06 - 12/17/22 09/06 - 12/17/22
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
ELE-422		Electrical Theory and Practices AC						
Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Study of apprenticeship, electrical inductance, capacitance and reactance, including grounded conductors, branch circuits, transformer principles, RCL circuits and filters. 45 hours lecture and 54 hours laboratory. (Pass/ No pass, letter grade) (Same as ELC-422)								
38500	ELE-422	Lecture Lab	3.5	MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-8 JACT-8	P Gomber	08/22 - 12/17/22 08/22 - 12/17/22
The above course is part of a 3-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ELE-424		Introduction to Digital Electronics and Signaling Devices						
Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: Introduction to digital electronic technology and electronic equipment. Instruction includes basic digital systems, binary and decimal numbering systems, decision-making logic circuits, Boolean Algebra, flip-flops, counters, shift registers, encoders, decoders, ROMs, DC to AC converters and organization of these component blocks to accomplish manipulation of data. 45 hours lecture and 54 hours laboratory. (Pass/No Pass, Letter Grade) (Same as ELC-424)								
38501	ELE-424	Lecture	3.5	TTh	06:00PM-07:10PM	JACT-8	P Gomber	08/22 - 12/17/22
		Lab		TTh	07:20PM-08:45PM	JACT-8		08/22 - 12/17/22

The above course is part of a 3-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

## 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.)								
39231	ENE-10	Lecture	3	W	11:00AM-02:10PM	IT-125	C Keissieh	08/22 - 12/17/22
39232	ENE-10	Lecture	3	MW	03:45PM-05:10PM	CENT-437	A Farmand	08/22 - 12/17/22

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

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)								
38512	ENE-21	Lecture	3			ON-LINE	F Mirzaei	08/22 - 12/17/22
		Lab		W	09:30AM-12:40PM	ATEC-109		08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22

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

ENE-27		Technical Communications						
Prerequisite: None Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture. (Letter grade only)								
38514	ENE-27	Lecture	3	MW	07:45AM-11:05AM	IT-124	A Johnson	10/17 - 12/14/22

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

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)								
38516	ENE-30	Lecture	3			ON-LINE	F Mirzaei	08/22 - 12/17/22
		Lab		T	06:00PM-09:10PM	ATEC-109		08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22

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

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.)								
39233	ENE-35	Lecture	3	TTh	08:00AM-09:25AM	IT-125	A Johnson	08/22 - 12/17/22

ENE-41		Engineering Graphics						
Prerequisite: MAT-36 Description: An introduction to principles of engineering drawings in visually communicating engineering designs and an introduction to computer aided design (CAD). Topics include the development of visualization skills, orthographic projections, mechanical dimensioning and tolerancing practices, and the engineering design process. Assignments develop sketching and 2-D and 3-D skills. The use of CAD software is an integral part of this course. 36 hours lecture and 54 hours laboratory. (Letter grade only)								
39234	ENE-41	Lecture	3	M	06:00PM-06:50PM	IT-125	A Johnson	08/22 - 12/17/22
				W	06:00PM-07:05PM	IT-125		08/22 - 12/17/22
		Lab		MW	07:15PM-08:40PM	IT-125		08/22 - 12/17/22

ENE-42		SolidWorks I						
Prerequisite: None Advisory: PC computer experience recommended Description: Introduces the student to three-dimensional parametric solid modeling with SolidWorks. Students will begin with basic parametric solid modeling techniques advancing into complex assemblies requiring animation. 27 hours lecture and 81 hours laboratory. Same as DFT-42. (Letter grade or Pass/No Pass option)								
38517	ENE-42	Lecture	3			ON-LINE	F Mirzaei	08/22 - 12/17/22
		Lab		W	06:00PM-09:10PM	ATEC-109		08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22

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

ENE-48		Programming and Problem-Solving in Matlab						
Prerequisite: MAT-1A Description: Using MATLAB to analyze and solve problems relevant to science and engineering. Introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Content is drawn from practical applications in engineering, physics, and mathematics. 36 hours lecture and 54 hours laboratory. (Letter grade)								
39235	ENE-48	Lecture	3	S	08:00AM-10:05AM	IT-127	K Rad	08/22 - 12/17/22
		Lab		S	10:15AM-01:25PM	IT-127		08/22 - 12/17/22

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.)								
38519	ENE-51	Lecture	2	MW	02:30PM-03:55PM	IT-125	G Cordier	10/17 - 12/17/22
		Lab		MW	04:10PM-05:35PM	IT-125		10/17 - 12/17/22

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

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ENE-52		Geometric Dimensioning and Tolerancing						
Prerequisite: None Description: Presents the basics of the Standards of Geometric Dimensioning and Tolerancing. This course will help students read, interpret and use ANSI Y14.5M, the current standard for drafting. 36 hours lecture. 54 hours lab. Same as DFT-52. (Letter Grade, or Pass/No Pass option.)								
38520	ENE-52	Lecture	3	M	06:00PM-06:50PM	IT-127	G Cordier	08/22 - 12/17/22
				W	06:00PM-07:05PM	IT-127		08/22 - 12/17/22
		Lab		MW	07:15PM-08:40PM	IT-127		08/22 - 12/17/22

## 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)								
38525	ENG-1A	Lecture	4			ON-LINE	A Elizalde	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38527	ENG-1A	Lecture	4			ON-LINE	C Young	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above online section requires concurrent enrollment in ENG 91-38614. 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> .								
38528	ENG-1A	Lecture	4	MWF	09:15AM-10:30AM	IT-121	J Gianunzio	08/22 - 12/17/22
		Lab				ON-LINE	A Long	08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38529	ENG-1A	Lecture	4	Th	09:40AM-11:45AM	HUM-102	J Reed	08/22 - 12/17/22
		Lab				ON-LINE	N Morford	08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38530	ENG-1A	Lecture	4	T	09:40AM-11:45AM	HUM-102	A Long	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38531	ENG-1A	Lecture	4	TTh	04:15PM-06:20PM	IT-111	J Watson	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38532	ENG-1A	Lecture	4	Th	02:00PM-04:05PM	IT-123	L Hernandez	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38533	ENG-1A	Lecture	4	T	09:40AM-11:45AM	IT-111	S Camacho	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above hybrid section is centered on the Men of Color experience and is intended for students in the Men of Color Scholars Program. See the Men of Color Scholar counselor ( <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. The above hybrid section requires concurrent enrollment in ENG 91-38602. 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> .								
38534	ENG-1A	Lecture	4			ON-LINE	A Elizalde	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38536	ENG-1A	Lecture	4	MW	04:15PM-06:20PM	IT-121	E Sapien	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38537	ENG-1A	Lecture	4	TTh	02:00PM-04:05PM	CACT-1	S Tkach	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above hybrid section requires concurrent enrollment in ENG 91-38612. 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> .								
38538	ENG-1A	Lecture	4	T	02:00PM-04:05PM	IT-123	L Hernandez	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38539	ENG-1A	Lecture	4	MW	06:15PM-08:20PM	IT-111	J Meiser	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38540	ENG-1A	Lecture	4			ON-LINE	T Comstock	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38541	ENG-1A	Lecture	4			ON-LINE	T Comstock	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38542	ENG-1A	Lecture	4	MW	02:00PM-04:05PM	CACT-1	A Elizalde	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38543	ENG-1A	Lecture Lab	4	MWF	11:15AM-12:30PM	IT-121 ON-LINE	B Alhoch	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38544	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Watson N Morford	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38545	ENG-1A	Lecture Lab	4	TTh	08:00AM-10:05AM	IT-121 ON-LINE	B Beirne	08/22 - 12/17/22 08/22 - 12/17/22
The above hybrid section will focus on the Chicano experience and is designed for students in the Puente Program. See the instructor and the Puente counselor, (Maria.Jurado@norcocollege.edu) prior to enrolling. The above hybrid section requires concurrent enrollment in ENG 91-38611. 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> .								
38546	ENG-1A	Lecture Lab	4	TTh	02:00PM-04:05PM	IT-121 ON-LINE	A Elizalde M Bader	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38547	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Soriano	08/22 - 12/17/22 08/22 - 12/17/22
The above online section requires concurrent enrollment in ENG 91-38603. 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> .								
38548	ENG-1A	Lecture Lab	4	M	09:15AM-11:05AM	IT-206 ON-LINE ON-LINE	C Brownell	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38549	ENG-1A	Lecture Lab	4	MW	10:50AM-12:55PM	IT-123 ON-LINE	J Gianunzio S Tkach	08/22 - 12/17/22 08/22 - 12/17/22
The above hybrid section requires concurrent enrollment in ENG 91-38604. 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> .								
38551	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	M Bader	08/22 - 10/14/22 08/22 - 10/14/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38552	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	M Bader	08/22 - 10/14/22 08/22 - 10/14/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38553	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Watson	08/22 - 10/14/22 08/22 - 10/14/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38554	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Hill	08/22 - 10/14/22 08/22 - 10/14/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38555	ENG-1A	Lecture Lab	4			CUSD-ONLN CUSD-ONLN	L Hernandez	08/22 - 12/17/22 08/22 - 12/17/22
The above section is restricted to High School students participating in Norco College's Dual Enrollment Program.								
38557	ENG-1A	Lecture Lab	4	Th	07:20AM-09:25AM	IT-111 ON-LINE ON-LINE	T Comstock	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38558	ENG-1A	Lecture Lab Lab	4	T	07:20AM-09:25AM	IT-111 ON-LINE ON-LINE	T Comstock	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38559	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	M Bader	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38560	ENG-1A	Lecture Lab	4	TTh	09:00AM-11:05AM	IT-206 ON-LINE	S Tkach C Young	08/22 - 12/17/22 08/22 - 12/17/22
The above hybrid section requires concurrent enrollment in ENG 91-38605. 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> .								
38562	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	M Bader	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38563	ENG-1A	Lecture Lab	4	TTh	04:15PM-06:20PM	WEQ-W6B ON-LINE ON-LINE	S Hicks	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38564	ENG-1A	Lecture Lab	4	TTh	10:45AM-12:50PM	CACT-1 ON-LINE	R Hitch	08/22 - 12/17/22 08/22 - 12/17/22
The above hybrid section requires concurrent enrollment in ENG 91-38609. 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> .								
38565	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Reed	08/22 - 12/17/22 08/22 - 12/17/22
The above online section requires concurrent enrollment in ENG 91-38608. 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> .								



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38566	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Watson N Morford	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38567	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	R Mansikka	08/22 - 12/17/22 08/22 - 12/17/22
The above online section requires concurrent enrollment in ENG 91-38610. 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> .								
38568	ENG-1A	Lecture Lab	4	MW	06:30PM-08:35PM	IT-110 ON-LINE	E Sapien	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38569	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	C Young	08/22 - 12/17/22 08/22 - 12/17/22
The above online section requires concurrent enrollment in ENG 91-38613. 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> .								
38570	ENG-1A	Lecture Lab	4	S	10:30AM-12:30PM	IT-108 ON-LINE ON-LINE	M Pelle	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and will only meet on the following dates: 8/27/22, 9/10/22, 9/24/22, 10/8/22, 10/22/22, 11/5/22, 11/19/22 and 12/3/22. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38574	ENG-1A	Lecture Lab	4	S	08:00AM-10:00AM	IT-108 ON-LINE ON-LINE	M Pelle	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and will only meet on the following dates: 8/27/22, 9/10/22, 9/24/22, 10/8/22, 10/22/22, 11/5/22, 11/19/22 and 12/3/22. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
39107	ENG-1A	Lecture Lab	4	Th	02:00PM-04:00PM	LIBR-121 ON-LINE ON-LINE	K Johnson-Jimenez	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor( <a href="mailto:sean.davis@norcocollege.edu">sean.davis@norcocollege.edu</a> ) prior to enrolling. The above hybrid section requires concurrent enrollment in ENG 91-39108. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. Concurrent enrollment in GUI-48-39163 is required. The above section is a HYFLEX section; students can choose to attend class on campus in person or remotely during the scheduled times. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
39202	ENG-1A	Lecture Lab	4	Th	02:00PM-04:00PM	REG-MEET ON-LINE	K Johnson-Jimenez	08/22 - 12/17/22 08/22 - 12/17/22
The above section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor( <a href="mailto:sean.davis@norcocollege.edu">sean.davis@norcocollege.edu</a> ) prior to enrolling. The above online section requires concurrent enrollment in ENG 91-39108. ENG 91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG 1A in a single term. Concurrent enrollment in GUI-48-39164 is required. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
39442	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	G Flores	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
39451	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	B Alhoch	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
39468	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Hill	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39469	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	K Cordova	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39481	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	K Cordova	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
<b>ENG-1AH Honors English Composition</b>								
Prerequisite: ESL-50 or ENG-50 or ENG-80 or qualifying placement level Limitation on enrollment: Enrollment in the Honors Program 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. This Honors course offers an enriched experience for accelerated students through limited class size; seminar format; focus on primary texts; and application of higher level critical thinking skills. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade)								
38575	ENG-1AH	Lecture Lab	4	TTh	09:40AM-11:45AM	IT-108 ON-LINE	D Reade	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="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)								
38576	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	J Dobson	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38577	ENG-1B	Lecture Lab	4			CUSD-ONLN CUSD-ONLN	S Hicks	08/22 - 12/17/22 08/22 - 12/17/22
The above section is restricted to High School students participating in Norco College's Dual Enrollment Program.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38578	ENG-1B	Lecture Lab	4	MW	04:15PM-06:20PM	IT-110 ON-LINE	R Marsh	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38579	ENG-1B	Lecture Lab	4	MWF	02:45PM-04:00PM	IT-111 ON-LINE	D Mattson	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38582	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	D Turrubartes	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38583	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	C Brownell	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38585	ENG-1B	Lecture Lab	4	TTh	04:15PM-06:20PM	IT-206 ON-LINE	T Wallace	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38586	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	R Marsh	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38587	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	K Johnson-Jimenez	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38588	ENG-1B	Lecture Lab	4	MWF	01:00PM-02:15PM	IT-110 ON-LINE	D Mattson	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38589	ENG-1B	Lecture  Lab	4	T	09:40AM-11:45AM	WEQ-W6B ON-LINE ON-LINE	J Dobson	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38592	ENG-1B	Lecture  Lab	4	Th	09:40AM-11:45AM	WEQ-W6B ON-LINE ON-LINE	S Camacho	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
39091	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	S Camacho	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
39092	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	L Hernandez	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
39109	ENG-1B	Lecture  Lab	4	Th	09:40AM-11:45AM	LIBR-121 ON-LINE ON-LINE	K Johnson-Jimenez	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above hybrid section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor (sean.davis@norccollege.edu) prior to enrolling. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
39269	ENG-1B	Lecture  Lab	4	Th	09:40AM-11:45AM	REG-MEET ON-LINE ON-LINE	K Johnson-Jimenez	08/22 - 12/17/22 08/22 - 12/17/22 08/22 - 12/17/22
The above Hyflex 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.								
39459	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	S Hicks	08/22 - 12/17/22 08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
<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)								
38595	ENG-4	Lecture Lab	2			ON-LINE ON-LINE	N Capps	09/06 - 12/17/22 09/06 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
<b>ENG-6 British Literature I: Anglo-Saxon through Eighteenth Century</b>								
Prerequisite: ENG-50 or ENG-80 or eligibility for ENG-1A Advisory: ENG-1B or ENG-1BH Description: A survey of British literature from the eighth century CE to 1800, including a comprehensive exposure to the poetry, drama, and fiction of this era as well as a basic understanding of the cultural, intellectual, and artistic trends it embodies. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)								
38598	ENG-6	Lecture	3	W	02:30PM-03:55PM	IT-123 ON-LINE	D Reade	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
<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)								
38599	ENG-8	Lecture	3			ON-LINE	M Bobo	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39435	ENG-8	Lecture	3			ON-LINE	M Bobo	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
ENG-9	Introduction to Shakespeare Prerequisite: None Advisory: ENG-1B or ENG-1BH Description: A survey of Shakespeares plays and poetry, with the primary emphasis on exposing students to a representative sampling of his dramatic works and to the cultural, intellectual, and artistic contexts for his work. Both students who have read Shakespeare before and students who have no experience with Shakespeare are encouraged to take this class. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)							
39094	ENG-9	Lecture	3	M	02:30PM-03:55PM	IT-123 ON-LINE	S Camacho	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
ENG-11	Creative Writing Prerequisite: ENG-1A or ENG-1AH Description: Studies in fundamental principles and practice of writing fiction and poetry. Lectures and discussions emphasize analysis of professional examples of creative writing and study of creative writing theory. In-class workshops provide practice in creative writing techniques. In-class and out-of-class class writing assignments provide practice in writing techniques and in peer- and self-analysis. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)							
38523	ENG-11	Lecture	3	TTh	02:30PM-03:55PM	IT-108 ON-LINE	T Wallace	10/17 - 12/17/22 10/17 - 12/17/22
The above section is a short term hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Please note the start and end dates.								
ENG-15	American Literature II: 1860 to the Present Prerequisite: ENG-50 or ENG-80 or eligibility for ENG-1A Advisory: ENG-1B or ENG-1BH Description: A survey of American literature from 1860 to the present, including a comprehensive exposure to the prose, poetry, fiction, and drama of this era as well as a basic understanding of the cultural, intellectual, and artistic trends it embodies. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)							
38524	ENG-15	Lecture	3	M	04:10PM-05:35PM	IT-123 ON-LINE	L Hernandez	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a web-enhanced class. Internet access is required.								
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.)							
38602	ENG-91	Lecture	2			ON-LINE	S Camacho	08/22 - 12/17/22
The above online 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 an online class and requires concurrent enrollment in ENG-1A-38533. 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. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
38603	ENG-91	Lecture	2			ON-LINE	N Soriano	08/22 - 12/17/22
The above online section requires concurrent enrollment in ENG-1A-38547. 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> .								
38604	ENG-91	Lecture	2	M	01:05PM-02:10PM 01:05PM-01:55PM	IT-123 IT-123	J Gianunzio	08/22 - 12/17/22 08/22 - 12/17/22
The above section requires concurrent enrollment in ENG-1A-38549. 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.								
38605	ENG-91	Lecture	2	W	09:05AM-11:10AM	IT-206	S Tkach	08/22 - 12/17/22
The above section requires concurrent enrollment in ENG-1A-38560. 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.								
38608	ENG-91	Lecture	2			ON-LINE	J Reed	08/22 - 12/17/22
The above section requires concurrent enrollment in ENG-1A-38565. 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.								
38609	ENG-91	Lecture	2	T Th	09:30AM-10:35AM 09:30AM-10:20AM	CACT-1 CACT-1	R Hitch	08/22 - 12/17/22 08/22 - 12/17/22
The above section requires concurrent enrollment in ENG-1A-38564. 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.								
38610	ENG-91	Lecture	2			ON-LINE	R Mansikka	08/22 - 12/17/22
The above section is an online class and requires concurrent enrollment in ENG-1A-38567. 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> .								
38611	ENG-91	Lecture	2	T Th	10:15AM-11:20AM 10:15AM-11:05AM	IT-110 IT-110	B Beime	08/22 - 12/17/22 08/22 - 12/17/22
The above section will focus on the Chicano experience and is designed for students in the Puente Program. See the instructor and the Puente counselor, ( <a href="mailto:Maria.Jurado@norccollege.edu">Maria.Jurado@norccollege.edu</a> ) prior to enrolling. The above section requires concurrent enrollment in ENG-1A-38545. 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.								
38612	ENG-91	Lecture	2	T Th	04:15PM-05:20PM 04:15PM-05:05PM	CACT-1 CACT-1	S Tkach	08/22 - 12/17/22 08/22 - 12/17/22
The above section requires concurrent enrollment in ENG-1A-38537. 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.								
38613	ENG-91	Lecture	2			ON-LINE	C Young	08/22 - 12/17/22
The above section is an online class and requires concurrent enrollment in ENG-1A-38569. 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> .								
38614	ENG-91	Lecture	2			ON-LINE	C Young	08/22 - 12/17/22
The above section is an online class and requires concurrent enrollment in ENG-1A-38527. 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> .								
39108	ENG-91	Lecture	2			ON-LINE	K Johnson-Jimenez	08/22 - 12/17/22
The above section requires concurrent enrollment in ENG-1A-39107. 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.								

## 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.)  
 39148 ESL-46 Lecture 5 TTh 06:30PM-09:00PM IT-211 L Tougas 08/22 - 12/17/22

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.)  
 39150 ESL-47 Lecture 5 ON-LINE M Shirinian 08/22 - 12/17/22  
 The above section is an online class. Computer with Internet access required. See <https://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.  
 39152 ESL-48 Lecture 5 M 06:30PM-08:30PM IT-211 D Tougas 08/22 - 12/17/22  
 W 06:30PM-09:30PM IT-211 08/22 - 12/17/22  
 Lab M 08:40PM-09:30PM IT-211 08/22 - 12/17/22

ESL-49 High-Intermediate American College English  
 Prerequisite: ESL-48 or ESL-848 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at an intermediate level to prepare students to enter ESL 50. Students will produce a minimum of 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.  
 39158 ESL-49 Lecture 5 TTh 09:15AM-10:50AM IT-211 M Shirinian 08/22 - 12/17/22  
 ON-LINE 08/22 - 12/17/22  
 Lab ON-LINE 08/22 - 12/17/22  
 The above section is a hybrid class. Computer with Internet access required. See <https://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)  
 39156 ESL-50 Lecture 5 TTh 10:55AM-12:30PM IT-211 M Shirinian 08/22 - 12/17/22  
 ON-LINE 08/22 - 12/17/22  
 Lab ON-LINE 08/22 - 12/17/22  
 The above section is a hybrid class. Computer with Internet access required. See <https://rccd.edu/de>.

ESL-91 Oral Skills I: Beginning Oral Communication  
 Prerequisite: None Advisory: ESL-46 or ESL-846 (qualification or concurrent enrollment) Description: This course emphasizes beginning conversation, pronunciation, and idiomatic skills along with basic listening comprehension. Conversational and idiomatic skills focus on fluent and appropriate use of common words and functional expressions in life skills areas--shopping, food, clothing, money/banking, car/license, travel, medicine. Pronunciation focuses on the articulation of English vowels and consonants and on the development of basic English patterns of stress and intonation. Listening stresses understanding verbal instructions and questions, common vocabulary and daily functions in an aural context, main ideas and details in monologues and dialogues. 54 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)  
 38615 ESL-91 Lecture 3 ON-LINE M Shirinian 08/22 - 12/17/22  
 Lab ON-LINE 08/22 - 12/17/22  
 The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>.

## ENTREPRENEURSHIP

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)  
 39135 ENP-51 Lecture 3 S 09:00AM-12:00PM IT-109 A Martin 10/22 - 12/17/22  
 ON-LINE 10/22 - 12/17/22  
 The above section is a short term hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de) Please note the start and end dates.

## 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)  
 39362 ETS-1 Lecture 3 ON-LINE N Quinones 08/22 - 12/17/22  
 The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)  
 39363 ETS-1 Lecture 3 W 02:30PM-03:55PM IT-110 N Quinones 08/22 - 12/17/22  
 ON-LINE 08/22 - 12/17/22  
 The above section is a hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

English As A Second Language - Ethnic Studies

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39367	ETS-1	Lecture	3			ON-LINE	N Quinones	08/22 - 12/17/22

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

**ETS-3 Introduction to African American Studies**  
 Prerequisite: None. Description: An introduction to the discipline of African American Studies. African American Studies is unique as an academic discipline in that it defines and redefines the lives of Africana peoples from their own perspectives. Additionally, it will examine the sociological, political, economic, and philosophical perspectives on the experience of people of African ancestry in the United States and the diaspora. The values, experience, and cultural contributions of Black/African American individuals in the United States will be identified, examined, and authenticated. 54 hours lecture. (Letter grade only)

39366	ETS-3	Lecture	3			ON-LINE	N Quinones	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**ETS-7 Women of Color in the United States**  
 Prerequisite: None. Description: An interdisciplinary, multi-perspective, and comparative study of the experiences of women of color in the United States. The constructs of race, ethnicity, class, gender, and sexuality as they relate to social institutions and national ideologies will be explored. The examination and analysis of the historical, political, and economic influences that have informed the relationships between women of color and white women in the United States is foundational to this course. 54 hours lecture. (Letter grade only)

39365	ETS-7	Lecture	3	MW	11:10AM-12:35PM	A TEC-210 ON-LINE	N Quinones	10/17 - 12/17/22 10/17 - 12/17/22
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The above section is a short term online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de) Please note the start and end dates.

## 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.)

38617	FRE-1	Lecture	5	Th	06:00PM-08:30PM	IT-210 ON-LINE	A Smith	08/22 - 12/17/22 08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22

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

## GAME DEVELOPMENT

**GAM-1 Business of Video Games**  
 Prerequisite: None Description: An introduction to the field of game development. Students will explore the job market, career paths and business aspects of game development professionals. 54 hours lecture.

39220	GAM-1	Lecture	3			ON-LINE	B Kenney	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

39227	GAM-1	Lecture	3			JVHS-ONLN	B Kenney	08/22 - 12/17/22
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The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.

39243	GAM-1	Lecture	3	MW	08:00AM-09:25AM	STEM-115	D Capps	08/22 - 12/17/22
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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)

39221	GAM-2	Lecture	3			ON-LINE	J Coverdale	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

39228	GAM-2	Lecture	3			CAVA-ONLN	R Bourbeau	08/22 - 12/17/22
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The above section is restricted to CAVA Online High School students participating in Norco College's Dual Enrollment Program.

39240	GAM-2	Lecture	3	TTh	08:00AM-09:25AM	STEM-115	R Bourbeau	08/22 - 12/17/22
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39246	GAM-2	Lecture	3	MW	01:00PM-02:25PM	STEM-115	R Bourbeau	08/22 - 12/17/22
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**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.

39222	GAM-3A	Lecture	3			ON-LINE	J Ruiz	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

39241	GAM-3A	Lecture	3	TTh	09:40AM-11:05AM	STEM-115	D Capps	08/22 - 12/17/22
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**GAM-4A Game Scripting**  
 Prerequisite: None Description: A first course in programming for games stressing fundamental programming principles. Covers the logic structures and design paradigms that allow for fundamental interactions in digital games. 54 hours lecture.

39223	GAM-4A	Lecture	3			ON-LINE	D Capps	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

**GAM-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.

39224	GAM-5A	Lecture	3			ON-LINE	J Clendenning	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

39242	GAM-5A	Lecture	3	TTh	11:20AM-12:45PM	STEM-115	J Clendenning	08/22 - 12/17/22
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**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.

39225	GAM-6A	Lecture	3			ON-LINE	J Clendenning	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de).

39245	GAM-6A	Lecture	3	MW	11:20AM-12:45PM	STEM-115	J Clendenning	08/22 - 12/17/22
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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
39226	GAM-7	Lecture	3			ON-LINE	J Clendenning	08/22 - 12/17/22
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)								
38618	GEG-1	Lecture	3	MW	04:10PM-05:35PM	ATEC-205	E Ogbuchiekwe	08/22 - 12/17/22
38619	GEG-1	Lecture	3	MW	07:35AM-09:00AM	ATEC-205	S Justice	08/22 - 12/17/22
38620	GEG-1	Lecture	3			ON-LINE	E Peprah	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
38622	GEG-1	Lecture	3			ON-LINE	N Prajapati	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
39436	GEG-1	Lecture	3			ON-LINE	E Ogbuchiekwe	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

GEG-1H		Honors Physical Geography						
Prerequisite: None Limitation on enrollment: Enrollment in the Honors Program. 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. The honors course offers an enriched experience for accelerated students by limited class size, seminar format, student generated and led discussions and projects, the application of higher level thinking, reading, and writing skills - analysis, synthesis, and evaluation. Students may not receive credit for both GEG-1 and GEG-1H. 54 hours lecture.								
38623	GEG-1H	Lecture	3	TTh	08:00AM-09:25AM	ATEC-205	S Justice	08/22 - 12/17/22

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.								
38624	GEG-1L	Lab	1	MW	11:10AM-12:35PM	ATEC-205	S Justice	08/22 - 12/17/22
38625	GEG-1L	Lab	1	TTh	11:15AM-12:40PM	ATEC-205	S Justice	08/22 - 12/17/22
38626	GEG-1L	Lab	1			ON-LINE	E Peprah	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
38628	GEG-1L	Lab	1			ON-LINE	E Ogbuchiekwe	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
38629	GEG-1L	Lab	1	MW	09:15AM-10:40AM	ATEC-205	S Justice	08/22 - 12/17/22
39450	GEG-1L	Lab	1			ON-LINE	S Justice	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								

GEG-3		World Regional Geog						
Prerequisite: None. Description: A study of major world regions, emphasizing current characteristics and issues including cultural, economic, political and environmental conditions. Topics may include the natural environment, population distribution, cultural practices, political institutions, economic development, agricultural practices, and urbanization. 54 hours lecture. (Letter Grade)								
38630	GEG-3	Lecture	3			ON-LINE	N Prajapati	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See 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.								
38631	GUI-45	Lecture	1	F	09:30AM-11:35AM	IT-123	C Macias	08/22 - 11/04/22
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.)								
39261	GUI-46	Lecture	1			ON-LINE	B Quintanar	08/22 - 10/14/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
39262	GUI-46	Lecture	1			ON-LINE	B Quintanar	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
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.								
38633	GUI-47	Lecture	3			ON-LINE	M Iliscupidez	08/22 - 10/14/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
38634	GUI-47	Lecture	3	MW	02:30PM-03:55PM	IT-206	C Flores	08/22 - 12/17/22
38635	GUI-47	Lecture	3			ON-LINE	M Iliscupidez	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								
38638	GUI-47	Lecture	3	W	06:00PM-09:10PM	IT-208	A Iglesias	08/22 - 12/17/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38640	GUI-47	Lecture	3	MW	11:00AM-12:25PM	IT-127	S Alcalá	08/22 - 12/17/22
38642	GUI-47	Lecture	3			ON-LINE	J Moore	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
38644	GUI-47	Lecture	3	TTh	09:40AM-11:05AM	IT-125	J Midgett	08/22 - 12/17/22
38645	GUI-47	Lecture	3	MW	09:15AM-10:40AM	HUM-102	S Alcalá	08/22 - 12/17/22
38646	GUI-47	Lecture	3	TTh	08:00AM-09:25AM	IT-208	B Serrano Madsen	08/22 - 12/17/22
38647	GUI-47	Lecture	3			CRHS-ONLN	A Thompson	08/22 - 12/17/22
The above section is restricted to Corona High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
38651	GUI-47	Lecture	3	TTh	04:00PM-05:25PM	ERHS-B307	B Serrano Madsen	08/22 - 12/17/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
38654	GUI-47	Lecture	3	TTh	11:30AM-12:55PM	IT-110	M Jurado-Martinez	08/22 - 12/17/22
The above section is designed for the Puente Community. Please see the Puente Counselor in the Counseling Department prior to enrolling.								
39128	GUI-47	Lecture	3	W	04:15PM-05:40PM	REG-MEET ON-LINE	A Bailey	08/22 - 12/17/22 08/22 - 12/17/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. This section is designed with special emphasis on African American culture. Contact the Umoja counselor ( <a href="mailto:sean.davis@norcocollege.edu">sean.davis@norcocollege.edu</a> ) prior to enrolling. REG Meet courses are online classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times								
39129	GUI-47	Lecture	3	W	04:15PM-05:40PM	REG-MEET ON-LINE	A Bailey	08/22 - 12/17/22 08/22 - 12/17/22
39131	GUI-47	Lecture	3	TTh	11:20AM-12:45PM	IT-209	J Frith	08/22 - 12/17/22
39142	GUI-47	Lecture	3	MW	03:45PM-05:10PM	CENT-206	A Thompson	08/22 - 12/17/22
The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
39146	GUI-47	Lecture	3			ON-LINE	R Chacon	08/22 - 12/17/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
39473	GUI-47	Lecture	3			ON-LINE	A Moreno	10/17 - 12/17/22
The above section is restricted to the CNUSD High School students participating in Norco College's Dual Enrollment Program. 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.								
39475	GUI-47	Lecture	3			ON-LINE	A Davis	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Please note the start and end dates.								
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)								
38665	GUI-48	Lecture	3	T	08:00AM-09:25AM	REG-MEET ON-LINE	C Beirme	08/22 - 12/17/22 08/22 - 12/17/22
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.								
38666	GUI-48	Lecture	3			ON-LINE	A Davis	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Please note the start and end dates.								
38667	GUI-48	Lecture	3			ON-LINE	R Chacon	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Please note the start and end dates.								
39159	GUI-48	Lecture	3	MW	08:00AM-09:25AM	JFK-106	D Judon	08/22 - 12/17/22
The above section is restricted to JFK High School Freshmen participating in Norco College's Dual Enrollment Program.								
39160	GUI-48	Lecture	3	TTh	08:00AM-09:25AM	JFK-106	D Judon	08/22 - 12/17/22
The above section is restricted to JFK High School Freshmen participating in Norco College's Dual Enrollment Program.								
39161	GUI-48	Lecture	3	MW	09:40AM-11:05AM	JFK-106	D Judon	08/22 - 12/17/22
The above section is restricted to JFK High School Freshmen participating in Norco College's Dual Enrollment Program.								
39162	GUI-48	Lecture	3	TTh	09:40AM-11:05AM	JFK-106	R Zamora	08/22 - 12/17/22
The above section is restricted to JFK High School Freshmen participating in Norco College's Dual Enrollment Program.								
39163	GUI-48	Lecture	3	Th	08:00AM-09:25AM	LIBR-121 ON-LINE	A Davis	08/22 - 12/17/22 08/22 - 12/17/22
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. Internet access is required. Concurrent enrollment in ENG-1A-39107 is required.								
39164	GUI-48	Lecture	3	Th	08:00AM-09:25AM	REG-MEET ON-LINE	A Davis	08/22 - 12/17/22 08/22 - 12/17/22
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. Internet access is required. Concurrent enrollment in ENG-1X-39202 is required.								
39165	GUI-48	Lecture	3			ON-LINE	R Chacon	08/22 - 10/15/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

## 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)

38669	HES-1	Lecture	3	Th	06:00PM-09:10PM	IT-101	T Wallstrom	08/22 - 12/17/22
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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38670	HES-1	Lecture	3			ON-LINE	V Genian	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
38671	HES-1	Lecture	3			ON-LINE	S Witmer	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
38672	HES-1	Lecture	3	TTh	09:40AM-11:05AM	WEQ-W3	S Witmer	08/22 - 12/17/22
38673	HES-1	Lecture	3			ON-LINE	T Wallstrom	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
38674	HES-1	Lecture	3			ON-LINE	T Wallstrom	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
38675	HES-1	Lecture	3			ON-LINE	T Wallstrom	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
38677	HES-1	Lecture	3			ON-LINE	T Wallstrom	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
38678	HES-1	Lecture	3	MW	11:10AM-12:35PM	IT-101	T Wallstrom	08/22 - 12/17/22

## 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)

38679	HIS-1	Lecture	3	TTh	11:15AM-12:40PM	HUM-103	S Kyriakos	08/22 - 12/17/22
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### 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)

39055	HIS-2	Lecture	3			ON-LINE	C Day	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de

### HIS-6 United States History to 1877

Prerequisite: None Advisory: REA-83 or ENG-50 or ENG-80 or qualification for ENG 1A. Description: Political, social, and economic development of the United States from precolonial background and colonial foundations to 1877; the evolution of American thought and institutions; principles of national, state, and local government. Students may not receive credit for both HIS-6 and and HIS-6H. 54 hours lecture. (Letter grade)

38682	HIS-6	Lecture	3	TTh	04:10PM-05:35PM	HUM-103	C Delgadillo	08/22 - 12/17/22
38683	HIS-6	Lecture	3	MW	09:15AM-10:40AM	HUM-103	H Vion	08/22 - 12/17/22
38684	HIS-6	Lecture	3	TTh	08:00AM-09:25AM	IT-109	T Russell	08/22 - 12/17/22
38686	HIS-6	Lecture	3			ON-LINE	T Russell	08/22 - 12/17/22

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

38687	HIS-6	Lecture	3			ON-LINE	T Russell	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de

38688	HIS-6	Lecture	3			ON-LINE	T Russell	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de

### 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.

38692	HIS-7	Lecture	3	MW	11:10AM-12:35PM	HUM-103	H Vion	08/22 - 12/17/22
38693	HIS-7	Lecture	3			ON-LINE	S Kyriakos	08/22 - 12/17/22

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

38694	HIS-7	Lecture	3	TTh	02:00PM-03:25PM	HUM-103	S Kyriakos	08/22 - 12/17/22
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38695	HIS-7	Lecture	3			ON-LINE	S Kyriakos	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de

38696	HIS-7	Lecture	3			ON-LINE	S Kyriakos	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de

38698	HIS-7	Lecture	3	Th	06:00PM-09:00PM	HUM-111	B Baca	08/22 - 12/17/22
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38699	HIS-7	Lecture	3	F	08:00AM-11:10AM	HUM-103	B Baca	08/22 - 12/17/22
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38700	HIS-7	Lecture	3			ON-LINE	L Pelgone	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de

39060	HIS-7	Lecture	3			ON-LINE	H Vion	08/22 - 12/17/22
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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.

39061	HIS-7	Lecture	3			IQLA-ONLN	H Vion	08/22 - 12/17/22
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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 www.rccd.edu/de.

39062	HIS-7	Lecture	3			ON-LINE	L Pelgone	08/22 - 12/17/22
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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

### 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)

38680	HIS-14	Lecture	3	TTh	09:40AM-11:05AM	HUM-103	T Russell	08/22 - 12/17/22
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SECT#	Course#	Description	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)								
39054	HIS-31	Lecture	3	TTh	02:00PM-03:25PM	IT-109	C Delgadillo	08/22 - 12/17/22
HIS-34		History of Women in the United States						
Prerequisite: None. Description: A study of the political, economic, social, and cultural history of women in the United States of America. An intersectional examination of women's diverse lives, identities, and status since the pre-colonial era, including: Native American women, British colonization, slavery, race, nationalism, the cult of domesticity, sexuality, gender identity, women's rights, women's suffrage, abolition, waves of feminism, women of color feminisms, legislative and political action, coalition building, Civil Rights Revolution, and concerns of the post-Civil Rights era. 54 hours lecture. (Letter grade only)								
38681	HIS-34	Lecture	3			ON-LINE	D Reina	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

## 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.								
38707	HUM-4	Lecture	3			ON-LINE	A Silva	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38708	HUM-4	Lecture	3			ON-LINE	G DeAngelis	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Please note the start and end dates.								

HUM-4H		Honors Arts and Ideas: Ancient World Through the Late Medieval Period						
Prerequisite: None Advisory: REA-83 and qualification for ENG-1A Limitation on enrollment: Enrollment in Honors Program Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, and religion of Western Civilization. The cultural achievements of the ancient world and the middle ages are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to modern thought. This honors course offers an enriched experience for accelerated students by means of limited class size, seminar format, discussions and projects generated and led by students, a focus on primary texts in translation, and the applications of higher-level thinking and writing skills analysis, synthesis, and evaluation. Students may not receive credit for both HUM-4 and HUM-4H. 54 hours lecture.								
39248	HUM-4H	Lecture	3	MW	12:45PM-02:05PM	LIBR-121	M Bobo	08/22 - 12/17/22

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.								
39076	HUM-5	Lecture	3			ON-LINE	G DeAngelis	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Please note the start and end dates.								

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)								
38711	HUM-8	Lecture	3			ON-LINE	M Bobo	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
39437	HUM-8	Lecture	3			ON-LINE	M Bobo	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

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)								
38701	HUM-10	Lecture	3	M	06:00PM-09:10PM	LIBR-121	M Bobo	08/22 - 12/17/22
38702	HUM-10	Lecture	3	T	06:00PM-09:10PM	CACT-1	D Ketcham	08/22 - 12/17/22
38703	HUM-10	Lecture	3			ON-LINE	G DeAngelis	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
39100	HUM-10	Lecture	3			ON-LINE	M Bobo	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

HUM-16		Arts and Ideas: American Culture						
Prerequisite: None Advisory: Qualification for ENG-1A. Description: An interdisciplinary survey of the cultural movements in art, architecture, literature, music, philosophy, and religion of American culture. American culture is studied in the context of American political culture, economic and industrial transformation, and the changing shape of American society. American arts and ideas are examined from the colonial period through the present. 54 hours lecture. (Letter grade)								
38706	HUM-16	Lecture	3	MW	04:10PM-05:35PM	IT-209	M Bobo	08/22 - 12/17/22

## 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.								
38726	JOU-7	Lecture	3			ON-LINE	J Vierra	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

## KINESIOLOGY

**KIN-V01** Cross Country, Varsity, Men  
 Prerequisite: None Limitation on enrollment: Retention based on successful tryout Description: Designed to serve as an opportunity for cross country runners to improve skills, knowledge and strategy of the sport of cross country. A highly organized program of lecture, and individual and group practice sessions to prepare students for intercollegiate competition in cross country. Repeating the course provides the student an opportunity for additional skill and competency development. May be taken a total of four times. 175 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38756	KIN-V01	Lab	3	MTWThF	05:00PM-07:05PM	SOCR-1	M Tongg	08/22 - 12/17/22
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The above section is Varsity Men's Cross Country. To enroll please contact the coach.

**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)

38738	KIN-4	Lecture	3			ON-LINE	T Wallstrom	10/17 - 12/17/22
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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.

38739	KIN-4	Lecture	3			ON-LINE	A Gutierrez	10/17 - 12/17/22
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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.

38740	KIN-4	Lecture	3			ON-LINE	S Witmer	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See https://rccd.edu/de

38741	KIN-4	Lecture	3			ON-LINE	S Witmer	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See https://rccd.edu/de

38742	KIN-4	Lecture	3			ON-LINE	T Wallstrom	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See https://rccd.edu/de

**KIN-10** Introduction to Kinesiology  
 Prerequisite: None Description: An introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in Kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. 54 hours lecture.

38727	KIN-10	Lecture	3			ON-LINE	R Aguilar	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .

38728	KIN-10	Lecture	3	MW	02:30PM-03:55PM	WEQ-W4	R Aguilar	08/22 - 12/17/22
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**KIN-V10** Soccer, Varsity Men  
 Prerequisite: None. Limitation on Enrollment (e.g. Performance tryout or audition): Retention based on successful tryout. Description: Prepares student athletes to practice and compete at the intercollegiate level in soccer. Athletes will demonstrate proficiency and knowledge of advanced principles of offensive and defensive team concepts. Student athletes will participate in a physical conditioning program designed to prepare them for intercollegiate competition in soccer. Repeating this course provides the student an opportunity for additional skill and competency development. May be taken a total of four times. 175 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38757	KIN-V10	Lab	3	MTWThF	08:30AM-10:35AM	SOCR-2	D Rea	08/22 - 12/17/22
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The above section is Varsity Men's Soccer. To enroll please contact the coach.

**KIN-V12** Cross Country, Varsity, Women  
 Prerequisite: None Limitation on enrollment: Retention based on successful tryout Description: Designed to serve as an opportunity for cross country runners to improve skills, knowledge and strategy of the sport of cross country. A highly organized program of lecture, and individual and group practice sessions to prepare students for intercollegiate competition in cross country. Repeating the course provides the student an opportunity for additional skill and competency development. May be taken a total of four times. 175 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38758	KIN-V12	Lab	3	MTWThF	06:00PM-08:05PM	SOCR-PATIO	R Etheridge	08/22 - 12/17/22
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The above section is Varsity Women's Cross Country. To enroll please contact the coach.

**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)

38729	KIN-16	Lecture	3	W	05:00PM-07:30PM	WEQ-W3	K Blank	08/22 - 12/17/22
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		Lab		W	07:45PM-09:10PM	WEQ-W3		08/22 - 12/17/22
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**KIN-V25** Soccer, Varsity, Women  
 Prerequisite: None Limitation on enrollment (e.g. Performance tryout or audition): Retention based on successful tryout. Description: Prepares student athletes to practice and compete at the intercollegiate level in soccer. Athletes will demonstrate proficiency and knowledge of advanced principles of offensive and defensive team concepts. Student athletes will participate in a physical conditioning program designed to prepare them for intercollegiate competition in soccer. Repeating this course provides the student an opportunity for additional skill and competency development. May be taken a total of four times. 175 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38759	KIN-V25	Lab	3	MTWThF	07:00AM-09:05AM	SOCR-1	B Kuderman	08/22 - 12/17/22
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The above section is Varsity Women's Soccer. To enroll please contact the coach.

**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)

38730	KIN-30	Lecture	3	MW	11:00AM-12:25PM	WEQ-W3	S Witmer	08/22 - 12/17/22
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38731	KIN-30	Lecture	3	Th	06:30PM-09:40PM	WEQ-W3	A Gutierrez	08/22 - 12/17/22
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**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)

38732	KIN-35	Lecture	3			ON-LINE	D Bednarczyk	10/17 - 12/17/22
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		Lab				ON-LINE		10/17 - 12/17/22
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.

**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)

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38733	KIN-36	Lecture	3			ON-LINE	R Aguilar	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .								
38734	KIN-36	Lecture	3			ON-LINE	R Aguilar	10/17 - 12/17/22
The above section is a short term class. Please note the start and end dates.								
KIN-38	Stress Management							
Prerequisite: None. Description: The nature, physiology, and psychology of stress. Students will explore perceptions, attitudes, beliefs, and lifestyle factors that may be pre-cursors and contributors to distress. Students will also explore a variety of coping strategies and relaxation techniques. The lab portion of this class provides the opportunity for students to practice techniques and develop a personalized stress management program. 45 hours lecture and 27 hours laboratory. (letter grade only)								
38735	KIN-38	Lecture	3	MW	09:15AM-10:25AM	WEQ-W3	V Genian	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								
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.)								
38743	KIN-A40	Lab	1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	08/22 - 12/17/22
39073	KIN-A40	Lab	1	MW	12:45PM-02:10PM	REG-MEET	D Namekata	08/22 - 12/17/22
This is a HYFLEX section, students will attend class remotely at the listed times along with students who are attending on campus.								
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.)								
38744	KIN-A41	Lab	1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	08/22 - 12/17/22
39074	KIN-A41	Lab	1	MW	12:45PM-02:10PM	ON-LINE	D Namekata	08/22 - 12/17/22
This is a HYFLEX section, students will attend class remotely at the listed times along with students who are attending on campus.								
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.)								
38746	KIN-A46	Lab	1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	08/22 - 12/17/22
38747	KIN-A46	Lab	1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	08/22 - 12/17/22
39077	KIN-A46	Lab	1			ON-LINE	L Zank	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .								
39079	KIN-A46	Lab	1			ON-LINE	F Stewart	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .								
39087	KIN-A46	Lab	1			ON-LINE	F Stewart	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .								
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.)								
38748	KIN-A47	Lab	1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	08/22 - 12/17/22
39078	KIN-A47	Lab	1			ON-LINE	L Zank	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .								
39080	KIN-A47	Lab	1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	08/22 - 12/17/22
39081	KIN-A47	Lab	1			ON-LINE	F Stewart	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de.								
39088	KIN-A47	Lab	1			ON-LINE	F Stewart	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .								
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.)								
39067	KIN-A62	Lab	1	MW	11:10AM-12:35PM	SOCR-1	R Aguilar	08/22 - 12/17/22
KIN-A75A	Walking for Fitness: Beginning							
Prerequisite: None Description: This course is designed for all students with an emphasis on cardiovascular fitness, setting personal fitness goals and understanding the physiological benefits of a walking program. Walking programs will be established to improve cardiorespiratory endurance. KIN-A75A, A75B and A77 are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information see section VIII regarding course repetition. 54 hours laboratory. (Letter grade or Pass/No Pass option.)								
39082	KIN-A75A	Lab	1			ON-LINE	R Aguilar	08/22 - 12/17/22
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.)								
39065	KIN-A75B	Lab	1			ON-LINE	R Aguilar	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de. .								
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)								
38755	KIN-A90A	Lab	1	MW	12:45PM-02:10PM	WEQ-W8	R Aguilar	08/22 - 12/17/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
KIN-V94		In-Season Varsity Sport Conditioning						
Prerequisite: None Limitation on enrollment: Retention based on successful tryout Description: Advanced conditioning principles for the design and implementation of an in-season training program during 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.)								
38760	KIN-V94	Lab	1	MW	07:00AM-08:25AM	WEQ-W8	D Rea	08/22 - 12/17/22

## 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.)								
38761	LIB-1	Lecture	1			ON-LINE	M Castro	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38762	LIB-1	Lecture	1			ON-LINE	S Seifried	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . 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.)								
38763	MAG-44	Lecture	3			ON-LINE	D White	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . 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)								
38764	MAG-47	Lecture	3			ON-LINE	A Martin	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38765	MAG-47	Lecture	3			ON-LINE	A Smith	10/17 - 12/17/22
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
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.)								
39338	MAG-51	Lecture	3			ON-LINE	A Martin	10/17 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
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.)								
38766	MAG-53	Lecture	3			ON-LINE	E Davalos	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								

## MANUFACTURING TECHNOLOGY

MAN-35		Computer Aided Manufacturing-Mastercam						
Prerequisite: None Advisory: CIS-1A Description: A course in computer-aided manufacture of parts and assemblies using MasterCam software. Applications of Numerical Control (NC) programming in machine processes with a focus on turning centers and milling operations. This course includes beginning and advanced programming. 63 hours lecture and 81 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
38767	MAN-35	Lecture	5			ON-LINE	P Van Hulle	08/22 - 12/17/22
		Lab		TTh	06:00PM-08:15PM	CACT-2		08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
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.)								
38769	MAN-55	Lecture	1			ON-LINE	K Mosley	10/17 - 12/17/22
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38770	MAN-55	Lecture	1			ON-LINE	K Mosley	08/22 - 10/15/22
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
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)								
38771	MAN-57	Lecture	3			ON-LINE	P Van Hulle	08/22 - 12/17/22
		Lab		W	06:00PM-09:10PM	CACT-2		08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
MAN-60		Hydraulic and Pneumatic Systems						
Prerequisite: None Advisory: ENE-60 or MAT-52 Description: Basics of hydraulic and pneumatic systems including physical properties of liquids under pressure. Pumps, motors, accumulators, valves and drive cylinders are studied. The design and assembly of both high and low pressure fluid control systems from standard components is experienced. Applications of fluids in robotic and industrial equipment systems are presented. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
38772	MAN-60	Lecture	4	TTh	09:40AM-11:05AM	IT-124	P Van Hulle	08/22 - 12/15/22
		Lab		TTh	11:15AM-12:40PM	IT-124		08/22 - 12/15/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
MAN-72		Commercial and Industrial Electrical Wiring						
Prerequisite: None Description: Wiring of commercial and industrial buildings including equipment grounding, service grounding, power distribution, conduit types, metal, plastic, flexible, bending and supporting, light distribution and blueprint reading. Hands-on lab experiences are selected to reinforce key theories. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option)								
38774	MAN-72	Lecture	4	S	08:00AM-11:10AM	ATEC-119	J Vela	08/22 - 12/17/22
		Lab		S	11:55AM-03:05PM	ATEC-119		08/22 - 12/17/22
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.)								
38775	MAN-73	Lecture	4	T	06:00PM-09:10PM	IT-124	J Vela	08/22 - 12/17/22
		Lab		Th	06:00PM-09:10PM	IT-124	A Munoz	08/22 - 12/17/22
MAN-74		Industrial Wiring and Controls						
Prerequisite: None Description: Industrial controls and electrical wiring of modern facilities, manufacturing, or warehousing. Included will be production equipment, conveyor systems, hydraulic and pneumatic controls, power distribution, blueprint reading, electrical control wiring, PLC (programmable logic controller) control wiring, VFD (variable frequency drives) wiring and programming. 54 hours lecture and 54 hours laboratory. (Letter Grade or Pass/No Pass option) (Same as ELC/ELE-74)								
38777	MAN-74	Lecture	4	MW	06:00PM-07:25PM	IT-124	J Vela	08/22 - 12/17/22
		Lab		MW	07:35PM-09:00PM	IT-124		08/22 - 12/17/22
MAN-77		Electrical Theory for Electricians						
Prerequisite: None Description: An introduction to electrical theory, Ohm's Law, magnetism, electromagnetism, voltage, resistance, current, inductance, capacitance, reactance, impedance, Watts, Volt-Amps, VARs, current control devices, sensors and actuators phase angle, power-factor, transformers, motors, power distribution systems, and proper usage of electrical test equipment (meters). Student will learn concepts of electrical power, energy, 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)								
38778	MAN-77	Lecture	3	M	06:30PM-07:20PM	IT-202	K Rad	08/22 - 12/17/22
				W	06:30PM-07:35PM	IT-202		08/22 - 12/17/22
		Lab		MW	07:45PM-09:10PM	IT-202		08/22 - 12/17/22

## MARKETING

MKT-20		Principles of Marketing						
Prerequisite: None Advisory: BUS-10 Description: Examines the role of marketing as it relates to society and economic development. The course will analyze products, consumer, marketing research and strategic market planning. The course will survey with a global perspective, the selection of target markets as well as the development of the marketing mix place, product, price and promotion. 54 hours lecture. (Letter grade)								
39137	MKT-20	Lecture	3	W	06:00PM-09:00PM	IT-108	E Doucette	08/22 - 10/15/22
						ON-LINE		08/22 - 10/15/22

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

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.)								
39139	MKT-40	Lecture	3			ON-LINE	E Doucette	10/17 - 12/17/22

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

## 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)								
39340	MAT-1A	Lecture	4	T	02:00PM-04:30PM	WEQ-W6A	J Frewing	08/22 - 12/17/22
				Th	02:00PM-03:30PM	WEQ-W6A		08/22 - 12/17/22
		Lab		Th	03:40PM-04:30PM	WEQ-W6A		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
39341	MAT-1A	Lecture	4	M	06:30PM-09:00PM	ATEC-210	A Thomas	08/22 - 12/17/22
				W	06:30PM-08:00PM	ATEC-210		08/22 - 12/17/22
		Lab		W	08:10PM-09:00PM	ATEC-210		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
39342	MAT-1A	Lecture	4	T	09:40AM-12:10PM	WEQ-W6A	J Frewing	08/22 - 12/17/22
				Th	09:40AM-11:10AM	WEQ-W6A		08/22 - 12/17/22
		Lab		Th	11:20AM-12:10PM	WEQ-W6A		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
39343	MAT-1A	Lecture	4	M	09:00AM-11:30AM	WEQ-W4	J Frewing	08/22 - 12/17/22
				W	09:00AM-10:30AM	WEQ-W4		08/22 - 12/17/22
		Lab		W	10:40AM-11:30AM	WEQ-W4		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
39344	MAT-1A	Lecture	4	M	04:00PM-06:30PM	ERHS-C211	T Young	08/22 - 12/17/22
				W	04:00PM-05:30PM	ERHS-C211		08/22 - 12/17/22
		Lab		W	05:40PM-06:30PM	ERHS-C211		08/22 - 12/17/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
39345	MAT-1A	Lecture	4	T	02:00PM-04:30PM	STEM-201	J Tousignant	08/22 - 12/17/22
				Th	02:00PM-03:30PM	STEM-201		08/22 - 12/17/22
		Lab		Th	03:40PM-04:30PM	STEM-201		08/22 - 12/17/22

Designated laboratory hours are included in the meeting times for this class.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39346	MAT-1A	Lecture	4	M	04:15PM-06:45PM	WEQ-W5	S Warsinski	08/22 - 12/17/22
		Lab		W	04:15PM-05:45PM	WEQ-W5		08/22 - 12/17/22
		Lab		W	05:55PM-06:45PM	WEQ-W5		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
39347	MAT-1A	Lecture	4	MTW	08:10AM-09:25AM	JVHS-A-10	P Ramirez	08/22 - 12/17/22
		Lab		F	08:30AM-09:25AM	JVHS-A-10		08/22 - 12/17/22
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
39461	MAT-1A	Lecture	4	T	04:00PM-06:50PM	ERHS-C211	T Young	08/30 - 12/15/22
		Lab		Th	04:00PM-05:30PM	ERHS-C211		08/30 - 12/15/22
		Lab		Th	05:40PM-06:45PM	ERHS-C211		08/30 - 12/17/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
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.)								
38841	MAT-1B	Lecture	4	T	09:40AM-12:10PM	ATEC-204	B Lopez Segoviano	08/22 - 12/17/22
		Lab		Th	09:40AM-11:10AM	ATEC-204		08/22 - 12/17/22
		Lab		Th	11:20AM-12:10PM	ATEC-204		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
38842	MAT-1B	Lecture	4	M	09:10AM-11:40AM	STEM-201	S Borissova	08/22 - 12/17/22
		Lab		W	09:10AM-10:40AM	STEM-201		08/22 - 12/17/22
		Lab		W	10:50AM-11:40AM	STEM-201		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
38843	MAT-1B	Lecture	4	T	02:10PM-04:40PM	LIBR-108	B Lopez Segoviano	08/22 - 12/17/22
		Lab		Th	02:10PM-03:40PM	LIBR-108		08/22 - 12/17/22
		Lab		Th	03:50PM-04:40PM	LIBR-108		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
38844	MAT-1B	Lecture	4	M	07:00PM-09:30PM	WEQ-W4	S Borissova	08/22 - 12/17/22
		Lab		W	07:00PM-08:30PM	WEQ-W4		08/22 - 12/17/22
		Lab		W	08:40PM-09:30PM	WEQ-W4		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
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.								
38845	MAT-1C	Lecture	4	T	09:40AM-12:10PM	IT-202	S Borissova	08/22 - 12/17/22
		Lab		Th	09:40AM-11:10AM	IT-202		08/22 - 12/17/22
		Lab		Th	11:20AM-12:10PM	IT-202		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
38846	MAT-1C	Lecture	4	T	05:40PM-08:10PM	ATEC-204	J Tousignant	08/22 - 12/17/22
		Lab		Th	05:40PM-07:10PM	ATEC-204		08/22 - 12/17/22
		Lab		Th	07:20PM-08:10PM	ATEC-204		08/22 - 12/17/22
Designated laboratory hours are included in the meeting times for this class.								
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.)								
38848	MAT-2	Lecture	4	TTh	09:40AM-11:45AM	WEQ-W4	B Johnson	08/22 - 12/17/22
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.)								
38852	MAT-3	Lecture	3	MW	11:10AM-12:35PM	IT-110	B Johnson	08/22 - 12/17/22
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.)								
39334	MAT-5	Lecture	4			ON-LINE	J Mulari	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
39335	MAT-5	Lecture	4	T	02:00PM-04:05PM	WEQ-W3	S Park	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-105-39337. 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> .								
39348	MAT-5	Lecture	4			ON-LINE	J Mulari	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
39349	MAT-5	Lecture	4	MW	11:10AM-12:35PM	ATEC-211	L Durfee	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
39432	MAT-5	Lecture	4			ON-LINE	J Mulari	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
39281	MAT-9	Lecture	5	MF	08:30AM-09:40AM	LIBR-108 ON-LINE	L Ting	08/22 - 12/17/22 08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-109-39282. 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> .								
39283	MAT-9	Lecture	5	MW	02:00PM-03:10PM	ATEC-204 ON-LINE	V Tran	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
39284	MAT-9	Lecture	5			ON-LINE	E Chung	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
39286	MAT-9	Lecture	5	MW	12:50PM-02:00PM	WEQ-W6A ON-LINE	E Chung	08/22 - 12/17/22 08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-109-39287. 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> .								
39288	MAT-9	Lecture	5	MW	09:50AM-11:00AM	LIBR-108 ON-LINE	E Chung	08/22 - 12/17/22 08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-109-39289. 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> .								
39360	MAT-9	Lecture	5	T	05:45PM-08:15PM	ATEC-210 ON-LINE	J DeGuzman	08/22 - 12/17/22 08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-109-39361. 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> .								
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)								
38780	MAT-10	Lecture	5	MWF	09:15AM-10:50AM	ATEC-211	T Nguyen	08/22 - 12/17/22
38781	MAT-10	Lecture	5	TTh	02:30PM-05:00PM	ATEC-204	J DeGuzman	08/22 - 12/17/22
38782	MAT-10	Lecture	5	MW	06:00PM-08:30PM	ATEC-204	J DeGuzman	08/22 - 12/17/22
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)								
38786	MAT-11	Lecture	4	M	04:15PM-06:20PM	IT-206 ON-LINE	E Shonoda	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
38789	MAT-11	Lecture	4			ON-LINE	E Chung	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
39382	MAT-11	Lecture	4			ON-LINE	B Johnson	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
MAT-12		Statistics						
Prerequisite: MAT-35 or MAT-37 or MAT-43 or qualifying placement level. Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)								
38798	MAT-12	Lecture	4	M	08:00AM-10:05AM	IT-109 ON-LINE	H Mai	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38799	MAT-12	Lecture	4			ON-LINE	S Park	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
38800	MAT-12	Lecture	4			ON-LINE	B Johnson	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
38801	MAT-12	Lecture	4	T	02:00PM-04:05PM	WEQ-W5 ON-LINE	A Robles	08/22 - 12/17/22 08/22 - 12/17/22
Enrolling in the above course will require enrolling in MAT-112-38795. 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> .								
38802	MAT-12	Lecture	4	MW	06:15PM-08:20PM	STEM-201	L Nguyen	08/22 - 12/17/22
38803	MAT-12	Lecture	4	W	09:00AM-11:05AM	WEQ-W6A ON-LINE	S Warsinski	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
38804	MAT-12	Lecture	4	M	11:15AM-01:20PM	ATEC-119 ON-LINE	S Park	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
38805	MAT-12	Lecture	4	TTh	04:15PM-06:20PM	WEQ-W5	F Kanno	08/22 - 12/17/22
38807	MAT-12	Lecture	4			ON-LINE	B Lopez Segoviano	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
38808	MAT-12	Lecture	4			ON-LINE	A Robles	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
38809	MAT-12	Lecture	4			ON-LINE	Y Lam	10/17 - 12/17/22
38812	MAT-12	Lecture	4			ON-LINE	B Johnson	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38813	MAT-12	Lecture	4	MTTh W	07:00AM-08:05AM 08:30AM-09:35AM	ERHS-B306 ERHS-B306	C Hutchings	08/15 - 11/17/22 08/15 - 11/17/22
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. The above section is a short term class. Please note the start and end dates.								
38816	MAT-12	Lecture	4	T	10:35AM-12:40PM	LIBR-108 ON-LINE	A Robles	08/22 - 12/17/22 08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-112-38790.								
38817	MAT-12	Lecture	4	MW	12:45PM-02:50PM	LIBR-108	K Baccari	08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-112-38791.								
38818	MAT-12	Lecture	4			ON-LINE	J Burke	08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-112-38797.								
38819	MAT-12	Lecture	4	M	12:45PM-02:50PM	A TEC-211 ON-LINE	C Hutchings	08/22 - 12/17/22 08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-112-38793.								
38820	MAT-12	Lecture	4	M	03:05PM-05:10PM	A TEC-211 ON-LINE	C Hutchings	08/22 - 12/17/22 08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-112-38794.								
38825	MAT-12	Lecture	4			ON-LINE	J DeGuzman	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
38826	MAT-12	Lecture	4	T	06:00PM-08:05PM	LIBR-108 ON-LINE	T Malouf	08/22 - 12/17/22 08/22 - 12/17/22
Enrollment in this class requires first enrolling in MAT-112-38792.								
38827	MAT-12	Lecture	4			ON-LINE	J DeGuzman	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
MAT-12H		Honors Statistics						
Prerequisite: MAT-35 or MAT-37 or MAT-43 or qualifying placement level Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. Honors course offers an enriched experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher-level critical thinking skills. Students may not receive credit for both MAT-12 and MAT-12H. 72 hours lecture. (Letter Grade or Pass / No Pass option.)								
39285	MAT-12H	Lecture	4	TTh	02:00PM-04:05PM	IT-208	C Hutchings	08/22 - 12/17/22
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.								
38849	MAT-25	Lecture	3	MW	12:45PM-02:10PM	STEM-302	E Shonoda	08/22 - 12/17/22
38850	MAT-25	Lecture	3	TTh	11:25AM-12:50PM	A TEC-211	N Alvarado	08/22 - 12/17/22
Enrollment in the above class requires first enrolling in MAT-125-38828.								
39280	MAT-25	Lecture	3			ON-LINE	B Lopez Segoviano	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> . The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
39359	MAT-25	Lecture	3			ON-LINE	B Lopez Segoviano	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.opencampus.com">www.opencampus.com</a> .								
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)								
39317	MAT-36	Lecture	4			ON-LINE	E Chung	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								
39318	MAT-36	Lecture	4	MW	02:45PM-04:00PM	WEQ-W5 ON-LINE	S Park	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
39320	MAT-36	Lecture	4	Th	06:30PM-08:35PM	A TEC-210 ON-LINE	A Walid	08/22 - 12/17/22 08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
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.)								
39337	MAT-105	Lecture	2	Th	02:00PM-04:50PM	WEQ-W3	S Park	08/25 - 11/17/22
Enrolling in the above course will require enrolling in MAT-5-39335. 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)								
39282	MAT-109	Lecture	1	F	09:50AM-11:05AM	LIBR-108	L Ting	08/26 - 11/18/22
Enrollment in the above class requires first enrolling in MAT-9-39281. The above section is a short term class. Please note the start and end dates.								



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39287	MAT-109	Lecture	1	M	11:35AM-12:55PM	WEQ-W6A	E Chung	08/22 - 11/14/22
Enrollment in the above class requires first enrolling in MAT-9-39286. The above section is a short term class. Please note the start and end dates.								
39289	MAT-109	Lecture	1	W	08:30AM-09:40AM	LIBR-108	E Chung	08/24 - 11/16/22
Enrollment in the above class requires first enrolling in MAT-9-39288. The above section is a short term class. Please note the start and end dates.								
39361	MAT-109	Lecture	1	T	08:20PM-09:35PM	ATEC-210	J DeGuzman	08/23 - 11/15/22
Enrollment in the above class requires first enrolling in MAT-9-39360. The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de.								

**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)

38790	MAT-112	Lecture	2	Th	10:35AM-12:40PM	LIBR-108	A Robles	08/25 - 11/17/22
Enrolling in the above course will require enrolling in MAT-12-38816. The above section is a short term class. Please note the start and end dates.								
38791	MAT-112	Lecture	2	F	12:45PM-02:50PM	LIBR-108	K Baccari	08/26 - 11/18/22
Enrolling in the above course will require enrolling in MAT-12-38817. The above section is a short term class. Please note the start and end dates.								
38792	MAT-112	Lecture	2	Th	06:00PM-08:05PM	LIBR-108	T Malouf	08/25 - 11/17/22
Enrolling in the above course will require enrolling in MAT-12-38826. The above section is a short term class. Please note the start and end dates.								
38793	MAT-112	Lecture	2	W	12:45PM-02:50PM	ATEC-211	C Hutchings	08/24 - 11/16/22
Enrolling in the above course will require enrolling in MAT-12-38819. The above section is a short term class. Please note the start and end dates.								
38794	MAT-112	Lecture	2	W	03:05PM-05:10PM	ATEC-211	C Hutchings	08/24 - 11/16/22
Enrolling in the above course will require enrolling in MAT-12-38820. The above section is a short term class. Please note the start and end dates.								
38795	MAT-112	Lecture	2	Th	02:00PM-04:05PM	WEQ-W5	A Robles	08/25 - 11/17/22
Enrolling in the above course will require enrolling in MAT-12-38801. The above section is a short term class. Please note the start and end dates.								
38797	MAT-112	Lecture	2	W	06:00PM-08:05PM	ATEC-211	J Burke	08/24 - 11/16/22
Enrolling in the above course will require enrolling in MAT-12-38818. 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)

38828	MAT-125	Lecture	2	TTh	10:15AM-11:20AM	ATEC-211	N Alvarado	08/23 - 11/17/22
Enrolling in the above course will require enrolling in MAT-MAT-25-38850. 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)

38894	MUS-3	Lecture	4	M	09:00AM-10:10AM	IT-106	K Kamerin	08/22 - 12/17/22
				WF	09:00AM-09:50AM	IT-106		08/22 - 12/17/22
		Lab		M	10:10AM-11:00AM	IT-106		08/22 - 12/17/22
		Lab		F	09:50AM-10:40AM	IT-106		08/22 - 12/17/22
		Lab		W	09:50AM-11:00AM	IT-106		08/22 - 12/17/22

**MUS-5 Music Theory II**  
 Prerequisite: MUS-4 or the equivalent Advisory: MUS-32C or Concurrent enrollment in an appropriate level piano class Description: Continued study and application of techniques acquired during Music Theory I. In addition, through guided composition and analysis, Music Theory II includes: Common Practice period voice leading involving four-part chorale writing; diatonic harmony; chromatic harmony; secondary/applied chords; modulation; borrowed chords; the Neapolitan chord; augmented sixth chords; and an introduction to binary and ternary forms. Laboratory includes chromatic sight singing and ear training activities that incorporate melodic, harmonic, and rhythmic dictation. Keyboard activities require the playing of chromatic chord progressions. 54 hours lecture and 54 hours laboratory. (TBA option)

38908	MUS-5	Lecture	4	M	09:00AM-10:10AM	IT-106	K Kamerin	08/22 - 12/17/22
				WF	09:00AM-09:50AM	IT-106		08/22 - 12/17/22
		Lab		M	10:10AM-11:00AM	IT-106		08/22 - 12/17/22
		Lab		F	09:50AM-10:40AM	IT-106		08/22 - 12/17/22
		Lab		W	09:50AM-11:00AM	IT-106		08/22 - 12/17/22

**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)

38885	MUS-19	Lecture	3	MW	12:45PM-02:10PM	IT-206	E Kim	08/22 - 12/17/22
38886	MUS-19	Lecture	3			ON-LINE	S Son	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
38887	MUS-19	Lecture	3			ON-LINE	I Zubizarreta	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
39181	MUS-19	Lecture	3	TTh	04:00PM-05:25PM	ERHS-B102	S Son	08/22 - 12/17/22
This section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
39256	MUS-19	Lecture	3	TTh	08:00AM-09:25AM	HUM-102	M Hawkes	08/22 - 12/17/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39440	MUS-19	Lecture	3			ON-LINE	N Estes	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
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)								
38889	MUS-23	Lecture	3	TTh	02:00PM-03:25PM	IT-101	C Kelly	08/22 - 12/17/22
38891	MUS-23	Lecture	3			JVHS-ONLN	T Walton	08/22 - 12/17/22
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
39276	MUS-23	Lecture	3			CENT-ONLN	T Walton	08/22 - 12/17/22
This 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)								
38893	MUS-25	Lecture	3			ON-LINE	T Walton	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
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)								
38897	MUS-32A	Lab	1	MW	12:45PM-02:10PM	IT-106	N Pirozzi	08/22 - 12/17/22
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)								
38899	MUS-32B	Lab	1	MW	12:45PM-02:10PM	IT-106	N Pirozzi	08/22 - 12/17/22
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)								
38901	MUS-32C	Lab	1	MW	12:45PM-02:10PM	IT-106	N Pirozzi	08/22 - 12/17/22
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)								
38903	MUS-32D	Lab	1	MW	12:45PM-02:10PM	IT-106	N Pirozzi	08/22 - 12/17/22
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)								
38904	MUS-37	Lab	1	MW	04:30PM-05:55PM	THTR-204	B Palispis	08/22 - 12/17/22
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)								
38905	MUS-38	Lab	2			THTR-101	K Kamerin	08/22 - 12/17/22
The above section has a 108-hour laboratory requirement to be arranged. 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, August 23rd, 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, August 26th. 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 7 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.								
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.								
38906	MUS-39	Lab	3			THTR-101	K Kamerin	08/22 - 12/17/22
The above section has a 162-hour laboratory requirement to be arranged. 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, August 23rd, 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, August 26th. 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 11 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.								
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)								
38907	MUS-41	Lab	2	MWF	11:15AM-12:35PM	THTR-101	K Kamerin	08/22 - 12/17/22
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-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.								
38909	MUS-70	Lab	1	MW	06:30PM-07:55PM	THTR-204	B Palispis	08/22 - 12/17/22
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.								
39294	MUS-P70	Lab	1	MW	06:30PM-07:55PM	THTR-204	B Palispis	08/22 - 12/17/22

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
38911	MUS-78	Lab	2			THTR-101	K Kamerin	08/22 - 12/17/22
The above section has a 108-hour laboratory requirement to be arranged. 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, August 23rd, 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, August 26th. 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 7 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-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.								
38912	MUS-79	Lab	3			THTR-101	K Kamerin	08/22 - 12/17/22
The above section has a 162-hour laboratory requirement to be arranged. 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, August 23rd, 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, August 26th. 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 11 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)								
38913	MUS-81	Lab	2	MWF	11:15AM-12:35PM	THTR-101	K Kamerin	08/22 - 12/17/22
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-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.								
38914	MUS-89	Lecture	3			ON-LINE	I Zubizarreta	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

## 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.								
38876	MIS-1A	Lab	2	F	01:00PM-05:15PM	THTR-204		08/22 - 12/17/22
		Lab		W	01:00PM-03:05PM	THTR-204	B Kerr	08/22 - 12/17/22

MIS-1B		Intermediate Performance Techniques For Studio Recording						
Prerequisite: MIS-1A Description: Continuation of the skills studied in MIS-1A focusing on song collaboration, organization of vocals and instruments needed to record. Students will have the opportunity to participate in the planning process of a recording session utilizing techniques such as song formation, microphone technique, mixing and production. The class will culminate in a CD recording. This class is appropriate for intermediate vocalists and instrumentalists. 108 hours laboratory.								
38878	MIS-1B	Lab	2	F	01:00PM-05:15PM	THTR-204		08/22 - 12/17/22
		Lab		W	01:00PM-03:05PM	THTR-204	B Kerr	08/22 - 12/17/22

MIS-1C		Advanced Performance Techniques For Studio Recording						
Prerequisite: MIS-1B Description: Advanced performance techniques for the recording studio. A continuation of the skills studied in MIS-1B the focus of this course is communication, song collaboration, studio session mapping. Students will have the opportunity to lead a collaborative group, duet or solo project toward successful completion/ recording utilizing techniques such as song formation, microphone technique, mixing and production. The class will culminate in a CD recording. This class is appropriate for advanced vocalists and instrumentalists. 108 hours laboratory.								
38880	MIS-1C	Lab	2	F	01:00PM-05:15PM	THTR-204		08/22 - 12/17/22
		Lab		W	01:00PM-03:05PM	THTR-204	B Kerr	08/22 - 12/17/22

MIS-3		Digital Audio Production 1						
Prerequisite: None Description: This course introduces the techniques and elements of electronic music production. Topics include synthesis, sampling, MIDI sequencing and audio production. Students will create original compositions using electronic music techniques. Students taking this course will complete the official AVID coursework for Pro Tools 101 and 110 and will have the opportunity to obtain AVID Pro Tools User Certification. 54 hours lecture and 54 hours laboratory.								
38882	MIS-3	Lecture	4	MW	03:15PM-04:40PM	IT-106	B Kerr	08/22 - 12/17/22
		Lab		MW	04:50PM-06:15PM	IT-106		08/22 - 12/17/22
38883	MIS-3	Lecture	4			ON-LINE	M Snyder	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

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.								
38884	MIS-7	Lecture	3	T	08:00AM-09:05AM	IT-106	S Orozco	08/22 - 12/17/22
				Th	08:00AM-08:50AM	IT-106		08/22 - 12/17/22
		Lab		TTh	09:15AM-10:40AM	IT-106		08/22 - 12/17/22

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								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
38873	MIS-11A	Lab	2	TTh	04:00PM-05:55PM	THTR-204	B Kerr	08/22 - 12/17/22
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)								
38874	MIS-11B	Lab	2	TTh	04:00PM-05:55PM	THTR-204	B Kerr	08/22 - 12/17/22
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-12	Live Sound Reinforcement							
Prerequisite: None Description: This course is an overview of live concert sound reinforcement. This course focuses on the fundamentals of equipment set up and configuration, mixing surfaces, amplifiers, speakers, signal path, signal processing, microphones, monitoring and mixing techniques and acoustics. This course offers opportunities for hands-on experience in troubleshooting, sound checking and mixing live sound. 36 hours lecture and 54 hours laboratory.								
38875	MIS-12	Lecture	3	T	09:40AM-10:45AM	THTR-101	K Kamerin	08/22 - 12/17/22
				Th	09:40AM-10:30AM	THTR-101	B Kerr	08/22 - 12/17/22
		Lab		TTh	10:45AM-12:10PM	THTR-101		08/22 - 12/17/22

## PHILOSOPHY

PHI-10	Introduction to Philosophy							
Prerequisite: None Advisory: ENG-50 or ENG-80 Description: A survey and exploration of significant questions in the Western philosophical tradition. Questions are drawn from the various branches of philosophy: metaphysics, theory of knowledge, ethics, aesthetics, political philosophy and/or philosophy of religion. Students may not receive credit for both PHI-10 and PHI-10H. 54 hours lecture.								
38915	PHI-10	Lecture	3	TTh	11:15AM-12:40PM	ATEC-210	J Sentmanat	08/22 - 12/17/22
38916	PHI-10	Lecture	3			ON-LINE	J Sentmanat	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
38917	PHI-10	Lecture	3	TTh	09:40AM-11:05AM	ATEC-205	J Sentmanat	08/22 - 12/17/22
38918	PHI-10	Lecture	3			ON-LINE	J Sentmanat	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								

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.								
38921	PHI-11	Lecture	3			ON-LINE	L Montes	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
38922	PHI-11	Lecture	3			ON-LINE	M Murphey	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
38923	PHI-11	Lecture	3			ON-LINE	M Murphey	08/22 - 12/17/22
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.								
38925	PHI-12	Lecture	3			ON-LINE	J Sentmanat	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								

PHI-33	Introduction to Social and Political Philosophy							
Prerequisite: None Advisory: PHI-10 or PHI-11 Description: An introduction to issues in social and political philosophy. Discusses both the development of political philosophy in response to varying historical problems and the application of political philosophy to contemporary issues; topics studied include ancient Greek, social contract, communism, and modern political philosophy. 54 hours lecture.								
39066	PHI-33	Lecture	3	MW	12:45PM-02:10PM	IT-111	J Sentmanat	08/22 - 12/17/22

## PHYSICAL SCIENCE

PHS-1	Introduction to Physical Science							
Prerequisite: None Description: Fundamental concepts of earth, space, and environmental science (astronomy, geology, meteorology, and oceanography) and principles of physics and chemistry, especially as they relate to these fields. Emphasis is placed on the application of science in the understanding and solution of environmental problems. 54 hours lecture.								
38927	PHS-1	Lecture	3	TTh	08:00AM-09:25AM	WEQ-W6A	A Roy	08/22 - 12/17/22

## PHYSICS

PHY-2A	General Physics I							
Prerequisite: None Corequisite: MAT-1A Description: Meets the requirements for students majoring in biological science, including pre-medical and pre-dental students. This course examines: properties of matter; study of kinematics and mechanics, including 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)								
39097	PHY-2A	Lecture	4	MW	09:15AM-10:40AM	ATEC-204	L Owens	08/22 - 12/17/22
		Lab		M	11:00AM-02:10PM	HUM-201		08/22 - 12/17/22
PHY-2B	General Physics II							
Prerequisite: PHY-2A Description: Meets the requirements for students majoring in biological science, including pre-medical and pre-dental students. This course includes: study of thermodynamics, including temperature, methods of heat transfer, calorimetry, ideal gas law, laws of thermodynamics, entropy, and heat engines; study of electricity and magnetism, including electric field and potential, Gauss Law, current, Ohm's Law, capacitance and inductance, 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)								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38931	PHY-2B	Lecture Lab	4	TTh Th	11:15AM-12:40PM 02:00PM-05:10PM	IT-123 HUM-201	D Seidel	08/22 - 12/17/22 08/22 - 12/17/22
PHY-4A		Mechanics Prerequisite: None Corequisite: MAT-1A Description: Examines vectors, particle kinematics and dynamics, work and power, conservation of energy and momentum, rotation, oscillations and gravitation. 54 hours lecture and 54 hours laboratory. (Letter grade)						
38932	PHY-4A	Lecture Lab	4	MW W	09:15AM-10:40AM 12:50PM-04:00PM	IT-111 HUM-201	A Roy	08/22 - 12/17/22 08/22 - 12/17/22
38933	PHY-4A	Lecture Lab	4	MW W	04:10PM-05:35PM 06:00PM-09:10PM	A TEC-204 HUM-201	A Moussaoui	08/22 - 12/17/22 08/22 - 12/17/22
38934	PHY-4A	Lecture Lab	4	TTh T	04:10PM-05:35PM 06:00PM-09:10PM	A TEC-210 HUM-201	O Tripathi	08/22 - 12/17/22 08/22 - 12/17/22
PHY-4B		Electricity and Magnetism Prerequisite: PHY-4A Corequisite: MAT-1B Description: Study of electric fields, voltage, current, magnetic fields, electromagnetic induction, alternating currents and electromagnetic waves. 54 hours lecture and 54 hours laboratory. (Letter grade)						
39098	PHY-4B	Lecture Lab	4	TTh T	11:15AM-12:40PM 02:00PM-05:10PM	IT-127 HUM-201	L Owens	08/22 - 12/17/22 08/22 - 12/17/22
39099	PHY-4B	Lecture Lab	4	TTh F	09:40AM-11:05AM 09:00AM-12:10PM	IT-123 HUM-201	L Owens	08/22 - 12/17/22 08/22 - 12/17/22
39444	PHY-4B	Lecture Lab	4	T Th	06:00PM-09:10PM 06:00PM-09:10PM	IT-110 HUM-201	K Osorno	08/22 - 12/17/22 08/22 - 12/17/22
PHY-4C		Heat, Light and Waves Prerequisite: PHY-4A Corequisite: MAT-1B Description: Examines fluid mechanics; temperature, heat transfer, thermal properties of matter, laws of thermodynamics; oscillations and waves; reflection, refraction, lenses and mirrors, interference, and diffraction; introduction to special relativity and modern physics. 54 hours lecture and 54 hours laboratory. (Letter grade)						
38935	PHY-4C	Lecture Lab	4	MW M	11:10AM-12:35PM 02:30PM-05:40PM	IT-111 HUM-201	A Roy	08/22 - 12/17/22 08/22 - 12/17/22
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)						
38928	PHY-10	Lecture	3			ON-LINE	O Tripathi	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> .								

## 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)						
38936	POL-1	Lecture	3	MW	09:15AM-10:40AM	IT-122	A Yanez	08/22 - 12/17/22
38938	POL-1	Lecture	3	Th	06:00PM-09:10PM	STEM-201	F Carballo	08/22 - 12/17/22
38939	POL-1	Lecture	3	TTh	11:15AM-12:40PM	IT-206	A Yanez	08/22 - 12/17/22
38940	POL-1	Lecture	3	TTh	09:40AM-11:05AM	IT-122	A Yanez	08/22 - 12/17/22
38942	POL-1	Lecture	3			ON-LINE	S Popiden	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
38943	POL-1	Lecture	3	MW	04:10PM-05:35PM	IT-122	E Walker	08/22 - 12/17/22
38945	POL-1	Lecture	3	W	06:00PM-09:10PM	HUM-103	S Popiden	08/22 - 12/17/22
38946	POL-1	Lecture	3			ON-LINE	S Popiden	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
39101	POL-1	Lecture	3			JVHS-ONLN	F Carballo	08/22 - 12/17/22
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
39112	POL-1	Lecture	3			ON-LINE	E Walker	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
39119	POL-1	Lecture	3			ON-LINE	P Flor	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
POL-4		Introduction to World Politics Prerequisite: None Description: A study of the theories, paradigms, and issues of global politics. Special attention is given to the role of the United States in the international community, the role of international organizations, and the international political economy. 54 hours lecture. (Letter grade)						
38953	POL-4	Lecture	3	MW	11:10AM-12:35PM	IT-122	R Brown	08/22 - 12/17/22
POL-4H		Honors Introduction to World Politics Prerequisite: None Advisory: Enrollment in the Honors Program Description: A study of the theories, paradigms, and issues of global politics. Special attention is given to the role of the United States in the international community, the role of international organizations, and international political economy. This honors course offers an enriched experience for accelerated students by means of limited class size, seminar format, student-generated and-led discussions and projects, 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 POL-4 and POL-4H. 54 hours lecture. (Letter grade)						
38954	POL-4H	Lecture	3	MW	12:45PM-02:10PM	IT-208	R Brown	08/22 - 12/17/22
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)						
39368	POL-21	Lecture	3	MW	02:30PM-03:55PM	STEM-201	A Yanez	08/22 - 12/17/22
39370	POL-21	Lecture	3			ON-LINE	P Flor	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
39371	POL-23	Lecture	3			ON-LINE	J Hunt	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
39372	POL-23	Lecture	3			ON-LINE	P Flor	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
39373	POL-23	Lecture	3	TTh	02:30PM-03:55PM	IT-122	A Yanez	08/22 - 12/17/22
39374	POL-23	Lecture	3			ON-LINE	J Hunt	08/22 - 12/17/22
The above section is designed with special emphasis on African American culture. Contact the Umoja counselor (sean.davis@norcocollege.edu) prior to enrolling. This section is an online class. Computer with Internet access required. See www.rccd.edu/de								
39375	POL-23	Lecture	3			ON-LINE	J Hunt	08/22 - 12/17/22
The above section is designed with special emphasis on the Men of Color experience. Contact the Men of Color Counselor (Daniel.grajeda@rccd.edu) prior to enrolling. This section is an online class. Computer with Internet access required. See www.rccd.edu/de								
39376	POL-23	Lecture	3			ON-LINE	J Hunt	08/22 - 12/17/22
The above section will focus on the Chicano experience and is designed for students in the Puente Program. Contact the instructor and a counselor before enrolling. This section is an online class. Computer with Internet access required. See www.rccd.edu/de								
39457	POL-23	Lecture	3			ON-LINE	A Yanez	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								

## PSYCHOLOGY

PSY-1		General Psychology						
Prerequisite: None. Description: Historical and philosophical antecedents of contemporary psychology; the scientific study of behavior and mental processes as systemized in learning, motivation, emotion, personality, intelligence, and thought. 54 hours lecture. Letter grade								
38957	PSY-1	Lecture	3	F	08:00AM-11:10AM	IT-109	B Adams	08/22 - 12/17/22
38958	PSY-1	Lecture	3			ON-LINE	L Adams	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
38959	PSY-1	Lecture	3	MW	04:10PM-05:35PM	IT-101	G Curasi	08/22 - 12/17/22
38961	PSY-1	Lecture	3	MW	02:30PM-03:55PM	IT-122	L Adams	08/22 - 12/17/22
38962	PSY-1	Lecture	3	TTh	04:10PM-05:35PM	IT-110	G Curasi	08/22 - 12/17/22
38964	PSY-1	Lecture	3			ON-LINE	L Adams	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
38965	PSY-1	Lecture	3	TTh	09:40AM-11:05AM	IT-117	L Adams	08/22 - 12/17/22
38966	PSY-1	Lecture	3	MW	09:15AM-10:40AM	IT-117	R Sulman	08/22 - 12/17/22
38967	PSY-1	Lecture	3			ON-LINE	L Adams	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
39379	PSY-1	Lecture	3			ON-LINE	R Sulman	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
39454	PSY-1	Lecture	3			ON-LINE	L Adams	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
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.								
38969	PSY-2	Lecture	3			ON-LINE	L Adams	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
39380	PSY-2	Lecture	3			ON-LINE	L Adams	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
PSY-8		Social Psychology						
Prerequisite: None. Description: An introduction to the study of individual human behavior in relation to the social environment. It includes emphasized topics such as aggression, prejudice, interpersonal attraction, attitude change, gender roles, and social cognition. 54 hours lecture.								
38975	PSY-8	Lecture	3	MW	11:10AM-12:35PM	ATEC-204	G Curasi	08/22 - 12/17/22
39124	PSY-8	Lecture	3			ON-LINE	T Caddell	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
39381	PSY-8	Lecture	3			ON-LINE	T Caddell	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
PSY-9		Developmental Psychology						
Prerequisite: None Description: Examines the prevailing theories and research of developmental psychology and the stages of human development from conception to death. 54 Lecture hours, Letter grade.								
38976	PSY-9	Lecture	3	MW	09:15AM-10:40AM	IT-101	J Hicks	08/22 - 12/17/22
38979	PSY-9	Lecture	3	TTh	11:15AM-12:40PM	WEQ-W5	W Holmquist	08/22 - 12/17/22
38981	PSY-9	Lecture	3	T	06:00PM-09:10PM	ATEC-114	W Holmquist	08/22 - 12/17/22
38983	PSY-9	Lecture	3			ON-LINE	K Zamiska	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								
38985	PSY-9	Lecture	3			ON-LINE	K Zamiska	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38989	PSY-9	Lecture	3			ON-LINE	K Zamiska	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
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)								
38971	PSY-35	Lecture	3	TTh	09:40AM-11:05AM	IT-101	J Heumann	08/22 - 12/17/22
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.								
38972	PSY-48	Lecture	3	MW	12:45PM-02:10PM	IT-108	V Agars	08/22 - 12/17/22
39122	PSY-48	Lecture	3			ON-LINE	R Sulman	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

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.								
38973	PSY-50	Lecture	4	MW	12:45PM-02:35PM	IT-109	K Zamiska	08/22 - 12/17/22
		Lab		W	02:45PM-04:10PM	IT-109		08/22 - 12/17/22
38974	PSY-50	Lecture	4			ON-LINE	K Zamiska	08/22 - 12/17/22
		Lab		T	04:20PM-05:45PM	IT-109		08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								
39123	PSY-50	Lecture	4			ON-LINE	K Zamiska	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>								

## 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.								
38993	RLE-80	Lecture	3			ON-LINE	L Namazi	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38994	RLE-80	Lecture	3			ON-LINE	L Namazi	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39479	RLE-80	Lecture	3			ON-LINE	J Gonzalez	10/17 - 12/17/22
The above section is a short-term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								

RLE-81	Real Estate Practices							
Prerequisite: None Description: Covers basic laws and principles of California real estate, terminology and daily operations in a real estate brokerage. Includes listing, prospecting, advertising, financing, sales techniques, escrow and ethics. Applies toward state's educational requirements for the brokers examination. 54 hours lecture.								
38995	RLE-81	Lecture	3			ON-LINE	L Namazi	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38996	RLE-81	Lecture	3			ON-LINE	J Gonzalez	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39480	RLE-81	Lecture	3			ON-LINE	J Gonzalez	10/17 - 12/17/22
The above section is a short-term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . 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.								
38997	RLE-82	Lecture	3			ON-LINE	J Alpay	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
38998	RLE-82	Lecture	3			ON-LINE	J Alpay	10/17 - 12/17/22
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

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)								
38999	RLE-83	Lecture	3			ON-LINE	S Doll	08/22 - 10/15/22
The above section is a short term online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> . Please note the start and end dates.								
39000	RLE-83	Lecture	3			ON-LINE	S Doll	10/17 - 12/17/22
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

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)								
39141	RLE-85	Lecture	3			ON-LINE	S Doll	10/17 - 12/17/22
The above section is a short term online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Please note the start and end dates.								

## SOCIAL JUSTICE STUDIES

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

39003	SOC-1	Lecture	3	TTh	11:15AM-12:40PM	STEM-201	F Vu	08/22 - 12/17/22
39004	SOC-1	Lecture	3			ON-LINE	J Hill	08/22 - 12/17/22

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

39006	SOC-1	Lecture	3			ON-LINE	J Hill	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39007	SOC-1	Lecture	3	TTh	08:00AM-09:25AM	STEM-201	J Fonseca	08/22 - 12/17/22
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39009	SOC-1	Lecture	3	MW	04:10PM-05:35PM	WEQ-W6A	J Hill	08/22 - 12/17/22
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39011	SOC-1	Lecture	3	TTh	09:40AM-11:05AM	STEM-201	B Rodriguez	08/22 - 12/17/22
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39012	SOC-1	Lecture	3			ON-LINE	J Hill	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39013	SOC-1	Lecture	3	MW	12:45PM-02:10PM	STEM-201	F Vu	08/22 - 12/17/22
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39014	SOC-1	Lecture	3			ON-LINE	J Hill	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39017	SOC-1	Lecture	3			ON-LINE	R Cedillo	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

39023	SOC-2	Lecture	3	MW	02:30PM-03:55PM	WEQ-W6B	R Cedillo	08/22 - 12/17/22
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### SOC-3 Social Inequality

Prerequisite: None Description: This course introduces students to the extent of inequality in its various forms in American society, the consequences of inequality for individual life chances and for society as a whole, the theoretical explanations given for the existence of inequality, and to the persistence of inequality and poverty. 54 hours lecture. (Letter grade only)

39057	SOC-3	Lecture	3			ON-LINE	J Hill	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

39056	SOC-10	Lecture	3	MW	09:15AM-10:40AM	LIBR-109	R Cedillo	08/22 - 12/17/22
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39063	SOC-10	Lecture	3			ON-LINE	R Cedillo	08/22 - 12/17/22
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The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://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)

39020	SOC-12	Lecture	3			ON-LINE	J Hill	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

39026	SOC-20	Lecture	3	T	06:00PM-09:10PM	WEQ-W6A	J Hill	08/22 - 12/17/22
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### SOC-50 Introduction to Social Research Methods

Prerequisite: SOC-1 Description: Examination of the fundamental elements of empirical research and the ways sociologists think critically, including attention to the nature of theory, hypothesis, variables and ethics of research. Application of qualitative and quantitative analytic tools including logic and research design, such as experimental, survey, observational, comparative historical research and case studies. 54 hours lecture.

39027	SOC-50	Lecture	3	MW	11:10AM-12:35PM	HUM-102	R Cedillo	08/22 - 12/17/22
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## 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 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.)

39028	SPA-1	Lecture	5			ON-LINE	N Guillen	08/22 - 12/17/22
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		Lab				ON-LINE		08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39029	SPA-1	Lecture	5			ON-LINE	M Godinez Davila	08/22 - 10/15/22
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		Lab				ON-LINE		08/22 - 10/15/22
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The above section is a short term hybrid class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de) Please note the start and end dates.



SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
39030	SPA-1	Lecture	5	T	06:00PM-08:30PM	LIBR-109	I Vejar	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
		The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de						
39031	SPA-1	Lecture	5	M	11:00AM-01:30PM	LIBR-109	A Lomeli Gomez	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
		The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de						
39033	SPA-1	Lab	5			ON-LINE		08/22 - 12/17/22
		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.						
39034	SPA-1	Lab	5			ON-LINE		08/22 - 12/17/22
		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.						
39035	SPA-1	Lecture	5			ON-LINE	V Hernandez Mancera	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de						
39049	SPA-1	Lecture	5			ON-LINE	D Hitchcock	10/17 - 12/17/22
		Lab				ON-LINE		10/17 - 12/17/22
		The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.						
39456	SPA-1	Lecture	5			ON-LINE	B Andrade Mendez	10/17 - 12/17/22
		Lab				ON-LINE		10/17 - 12/17/22
		The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.						
39478	SPA-1	Lecture	5			ON-LINE	A Godwin	10/17 - 12/17/22
		Lab				ON-LINE		10/17 - 12/17/22
		The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.						

**SPA-2 Spanish 2**  
Prerequisite: SPA-1B or SPA-1 or SPA-1H, or qualifying placement level on the Spanish assessment test or the equivalent Description: Further development of basic skills in listening, reading, speaking and writing. A continued emphasis on the acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written Spanish at the beginning level. This course includes an expanded discussion of Hispanic culture and daily life. Students may not receive credit for both SPA-2 and SPA-2H. 90 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)

39038	SPA-2	Lecture	5			ON-LINE	A Covarrubias	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de						
39039	SPA-2	Lecture	5	T	09:40AM-12:10PM	LIBR-109	A Covarrubias	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
		The above section is a hybrid class. Computer with Internet access required. See www.rccd.edu/de						
39271	SPA-2	Lab	5			ON-LINE		08/22 - 12/17/22
		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.						
39378	SPA-2	Lecture	5			ON-LINE	A Covarrubias	08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de						

**SPA-3 Spanish 3**  
Prerequisite: SPA-2 or SPA-2H or SPA-3 or SPA-3N or SPA-4 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.)

39040	SPA-3	Lecture	5			ON-LINE	V Garcia	10/17 - 12/17/22
		Lab				ON-LINE		10/17 - 12/17/22
		The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.						

**SPA-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.)

39304	SPA-8	Lecture	3			ON-LINE	L Rosales	10/17 - 12/17/22
		The above section is a short term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.						

**SPA-12 Latin American Culture and Civilization**  
Prerequisite: None Description: Introduction to Latin America's complex and unique history, as reflected in language, literature, art, history, customs, religions, and its political and social institutions. Class conducted in English. 54 hours lecture (Letter grade, or Pass/No Pass option)

39036	SPA-12	Lecture	3			ON-LINE	L Rosales	08/22 - 12/17/22
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de						

## SUPPLY CHAIN AUTOMATION

**SCA-1 Introduction to Automated Warehousing**  
Prerequisites: NONE Description: An industrial technology overview course covering the basic knowledge and skills needed for supply chain technicians to successfully work in an automated distribution center. Introduction to the troubleshooting and maintenance of complex electromechanical systems is a major focus of this class. 36 hours lecture and 54 hours laboratory. Same as SCT-1.

39001	SCA-1	Lecture	3	TTh	02:00PM-03:05PM	IT-124	J Vela	09/06 - 12/15/22
		Lab		TTh	03:15PM-05:05PM	IT-124		09/06 - 12/15/22
		The above section is a short-term web-enhanced class. Internet access is required. Please note the start and end dates.						

### SUPPLY CHAIN TECHNOLOGY

SCT-1 Introduction to Automated Warehousing

Prerequisite: None Description: An industrial technology overview course covering the basic knowledge and skills needed for supply chain technicians to successfully work in an automated distribution center. Introduction to the troubleshooting and maintenance of complex electromechanical systems is a major focus of this class. 36 hours lecture and 54 hours laboratory.

39002	SCT-1	Lecture	3	TTh	02:00PM-03:05PM	IT-124	J Vela	09/06 - 12/15/22
		Lab		TTh	03:15PM-05:05PM	IT-124		09/06 - 12/15/22

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

### THEATER ARTS

THE-3 Introduction to the Theater

Prerequisite: None Description: A comprehensive study of theatrical styles and forms with units in directing, acting, designing, technical theater, playwriting, and genres, to acquaint the student with the diverse nature of theater leading to an appreciation and understanding of theater as a separate and distinctive art form. 54 hours lecture.

39041	THE-3	Lecture	3			ON-LINE	W Stevens	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>.

39042	THE-3	Lecture	3			ON-LINE	W Stevens	08/22 - 10/15/22
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The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

39043	THE-3	Lecture	3			ON-LINE	W Stevens	08/22 - 10/15/22
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The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

39044	THE-3	Lecture	3	TTh	02:00PM-03:25PM	ATEC-114	J Johnson	08/22 - 12/17/22
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39045	THE-3	Lecture	3			ON-LINE	W Stevens	10/17 - 12/17/22
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The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

39176	THE-3	Lecture	3			ON-LINE	W Stevens	10/17 - 12/17/22
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The above section is a short term online class. Computer with Internet access required. See <https://rccd.edu/de>. Please note the start and end dates.

### WORK EXPERIENCE

WKX-200 General Work Experience

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

39047	WKX-200	Lecture	1			ON-LINE	R Wolfer	08/22 - 12/17/22
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The above section is an online class. Computer with Internet access required. See <https://rccd.edu/de>. In addition to the online lecture, students are required to attend one, one hour orientation at Norco College the first week of the semester. The orientations have been scheduled for: TBD Students need to only attend one. Students must also meet on-campus for an instructor conference and for final exams. Please see Canvas for specific dates and times.

## Non-Credit Classes

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>ADMINISTRATION OF JUSTICE</b>								
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)								
39266	ADJ-801	Lecture	0			STEM-302	S Williams	09/06 - 09/18/22
The above section is a short term class. Please note the start and end dates. Meeting Dates are Tuesday 9/6 6PM-10PM, Saturday 9/10 and 9/17 9AM-5PM, and Sunday 9/18 9AM-2PM								
39267	ADJ-801	Lecture	0			STEM-302	S Williams	10/04 - 10/09/22
The above section is a short-term class. Please note the start and end dates. Meeting Dates are Tuesday 10/4 05:30-09:30PM, Friday 10/7 05:30-09:30PM, Saturday 10/8 8AM-5PM, and Sunday 10/9 8AM-4PM								
<b>ENGLISH</b>								
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)								
39321	ENG-885	Lab	0			LIBR-110	N Capps	08/22 - 12/17/22
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 nicole.capps@norccollege.edu to schedule your first meeting.								
39322	ENG-885	Lab	0			LIBR-110	N Capps	08/22 - 12/17/22
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 nicole.capps@norccollege.edu to schedule your first meeting.								
<b>ENGLISH AS A SECOND LANGUAGE</b>								
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)								
39149	ESL-846	Lecture	0	TTh	06:30PM-09:00PM	IT-211	L Tougas	08/22 - 12/17/22
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)								
39151	ESL-847	Lecture	0			ON-LINE	M Shirinian	08/22 - 12/17/22
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
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.								
39153	ESL-848	Lecture	0	M	06:30PM-08:30PM	IT-211	D Tougas	08/22 - 12/17/22
				W	06:30PM-09:30PM	IT-211		08/22 - 12/17/22
		Lab		M	08:40PM-09:30PM	IT-211		08/22 - 12/17/22
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.								
39155	ESL-849	Lecture	0	TTh	09:15AM-10:50AM	IT-211	M Shirinian	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								
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)								
39157	ESL-850	Lecture	0	TTh	10:55AM-12:30PM	IT-211	M Shirinian	08/22 - 12/17/22
						ON-LINE		08/22 - 12/17/22
		Lab				ON-LINE		08/22 - 12/17/22
The above section is a hybrid class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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## 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.)								
38725	ILA-800	Lab	0			LIBR-LRC	M Sloniger	08/22 - 12/17/22
39302	ILA-800	Lab	0			LIBR-LRC	N Capps	08/22 - 12/17/22

## PROFES. DEVELOPMENT STUDIES

PDS-808		Critical Thinking, Problem Solving and Decision Making						
Prerequisite: None Description: In today's workplace, it is everyone's job to solve problems and make decisions. Analytical thinking, decision making and problem solving involve breaking things down into their component parts, applying deductive reasoning and then applying judgment and insight. Learn hands-on techniques to generate breakthrough ideas, make decisions, and solve your most pressing problems. All by asking the right questions, challenging assumptions, and seeing others' viewpoints with clarity. 12 hours lecture. (Pass/No Pass only)								
39308	PDS-808	Lecture	0			ON-LINE	R Wolfer	09/06 - 09/27/22
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.								

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)								
39309	PDS-809	Lecture	0			ON-LINE	R Wolfer	10/03 - 10/31/22
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.								

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)								
39310	PDS-810	Lecture	0			ON-LINE	F Almeida	11/01 - 11/29/22
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.								

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)								
39311	PDS-812	Lecture	0			ON-LINE	F Almeida	09/06 - 09/27/22
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.								

PDS-816		Personal Finance						
Prerequisite: None Description: Overview of personal financial management skills, positive banking relations, and achieving financial security. Topics include: Personal budgeting; saving; credit; appropriate use of credit cards; banking services; consumer installment loans; and buying real estate. 18 hours lecture. (Pass/No Pass only)								
39313	PDS-816	Lecture	0			ON-LINE	A Molina Padilla	09/03 - 09/24/22
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.								
39443	PDS-816	Lecture	0			ON-LINE	N Ildefonso	10/22 - 11/12/22
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.								

PDS-817		Financial Future						
Prerequisite: None Description: Students will learn to review an individual financial situation, develop financial goals for retirement and identify appropriate means to achieve these goals. Topics will include: Financial goal setting; life insurance; different types of retirement accounts; and investment options. 9 hours lecture. (Pass/No Pass only)								
39314	PDS-817	Lecture	0			ON-LINE	A Molina Padilla	09/03 - 09/24/22
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.								
39455	PDS-817	Lecture	0			ON-LINE	N Ildefonso	11/19 - 12/10/22
The above section is a short-term online class. Computer with Internet access required. See www.rccd.edu/de Please note the start and end dates.								

PDS-818		The Successful Job Search						
Prerequisite: None Description: Students interested in getting a job or progressing in their current career will learn essential skills for successful transitions in the workplace. Topics covered include identifying job markets and industries, conducting a comprehensive job search, networking, creating a resume and cover letter, and effective interview techniques. 9 hours lecture. (Pass/No Pass only)								
39312	PDS-818	Lecture	0			ON-LINE	A Molina Padilla	08/22 - 09/09/22
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.								