

# Norco College - Fall 2024 Class Schedule

## Reading the Schedule of Classes

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

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

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### Credit Classes

SECT#	Course#	Instruction	ZTC/LTC	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)

38190	ACC-1A	Lecture		3	TTh	09:40AM-11:05AM	HUM-102 ON-LINE	N Ildefonso	08/19 - 10/11/24 08/19 - 10/11/24
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The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de

38191	ACC-1A	Lecture		3	M	06:00PM-09:10PM	HUM-102 ON-LINE	F Itokazu	08/19 - 10/11/24 08/19 - 10/11/24
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The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de

38192	ACC-1A	Lecture		3			ON-LINE		08/19 - 12/14/24
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The above section is an online class. Computer with Internet access required. See www.rccd.edu/de

38193	ACC-1A	Lecture		3			ON-LINE	P Worsham	08/19 - 10/11/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de

38194	ACC-1A	Lecture		3			ON-LINE	P Worsham	08/19 - 10/11/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38195	ACC-1A	Lecture		3			ON-LINE		10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38197	ACC-1A	Lecture		3			ON-LINE	M Scott	08/19 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38198	ACC-1A	Lecture		3			ON-LINE	M Scott	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See 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)									
38200	ACC-1B	Lecture		3	M	06:00PM-09:10PM	STEM-201 ON-LINE	F Itokazu	10/14 - 12/14/24 10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38201	ACC-1B	Lecture		3			ON-LINE	F Itokazu	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38202	ACC-1B	Lecture		3	TTh	09:40AM-11:05AM	ATEC-114 ON-LINE	D Cescolini	10/14 - 12/14/24 10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38203	ACC-1B	Lecture		3			ON-LINE	P Worsham	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38204	ACC-1B	Lecture		3			ON-LINE	P Worsham	10/14 - 12/14/24
This above is a short term online class. Please note the start and end dates. Computer with Internet access required. See 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 Idefonso	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

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	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

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.)									
38207	ACC-65	Lecture		3			ON-LINE	N Idefonso	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See 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	T	05:30PM-09:45PM	IT-209 ON-LINE	J Muir	08/19 - 10/11/24 08/19 - 10/11/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38210	ACC-67	Lecture		4			ON-LINE	J Muir	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38211	ACC-67	Lecture		4			ON-LINE	J Muir	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

## 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)									
38216	ADJ-1	Lecture		3	T	09:40AM-11:05AM	STEM-302 ON-LINE	M Leese	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
38217	ADJ-1	Lecture		3			CAVA-ONLN	S Williams	08/19 - 12/14/24
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.									
38218	ADJ-1	Lecture		3			ON-LINE	S Williams	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38219	ADJ-1	Lecture		3	M	06:00PM-09:10PM	STEM-301	K Carpenter	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

ADJ-1H		Honors Introduction to the Administration of Justice							
Prerequisite: None Limitation on Enrollment: Enrollment in the Honors Program 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. 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 ADJ 1 and ADJ 1H. 54 lecture hours. (Letter Grade Only)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39350	ADJ-1H	Lecture		3	MW	09:15AM-10:40AM	IT-208		08/19 - 12/14/24
The above section is designed for students in the Honors Program.									
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)									
38225	ADJ-2	Lecture		3	TTh	02:00PM-03:25PM	STEM-302	M Leese	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38227	ADJ-3	Lecture		3	TTh	11:15AM-12:40PM	STEM-302	M Leese	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38228	ADJ-3	Lecture		3			ON-LINE	M Leese	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.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)									
38230	ADJ-5	Lecture		3	Th	09:40AM-11:05AM	STEM-302	M Leese	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
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)									
38231	ADJ-8	Lecture		3			CCAP-ONLN		08/19 - 12/14/24
The above section is restricted to the CAVA Online 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									
39352	ADJ-8	Lecture		3	MW	11:00AM-12:25PM	STEM-302		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38234	ADJ-9	Lecture		3			ON-LINE	S Williams	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39353	ADJ-9	Lecture		3			CAVA-ONLN	S Williams	08/19 - 12/14/24
The above is an online class and is restricted to CAVA Online High School students participating in Norco College's Dual Enrollment Program. Computer with Internet access required. See www.rccd.edu/de									
ADJ-12	Introduction to Criminalistics								
Prerequisite: None Description: An introduction to the role of criminalistics and forensic science in criminal investigations. Focuses on forensic science and scientific processing and analysis of forensic evidence, including pattern evidence, biological evidence, forensic biometrics evidence, trace evidence, weapons evidence, ballistics and tool mark evidence, questioned document evidence, forensic toxicology, controlled substances evidence, and digital and mobile devices evidence. The methods utilized in the forensic analysis of criminal and crime scene investigation, including crime lab methods, instrumentation, policies, and procedures. Includes legal aspects of forensic evidence analysis and documentation. 54 hours lecture and 12 hours laboratory. (Letter grade only)									
38220	ADJ-12	Lecture		3	T	06:00PM-08:20PM	STEM-302	L Walker	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab			T	08:30PM-09:10PM	STEM-302		08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
ADJ-13	Criminal Investigation								
Prerequisite: None Description: Fundamentals of criminal investigations from initial report/discovery through adjudication. Establishing statutory elements of criminal acts, initial law enforcement and public safety investigative response, jurisdiction, multijurisdictional investigations, evidence identification and collection, criminal intelligence collection and analysis, open-source intelligence and investigative informational sources, modus operandi, discussion and identification of general and specialized criminal investigations, case preparation, and adjudication. 54 hours lecture. (Letter grade only)									
38221	ADJ-13	Lecture		3	M	06:00PM-09:10PM	STEM-302	S McKay-Davis	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de Online days TBA at a later day/time.									
38222	ADJ-13	Lecture		3			ON-LINE	L Doyle	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
ADJ-14	Advanced Criminal Investigation								
Prerequisite: ADJ-13 Description: Advanced training and skill development in crime scene investigation and in the recording, collection, and preservation of physical and testimonial evidence. Focus in on the understanding and working knowledge of fingerprints, ballistics firearms identification, varieties of trace evidence and a basic introduction to forensic sciences. 54 hours lecture and 12 hours laboratory. (Letter grade only)									
38224	ADJ-14	Lecture		3	W	06:00PM-08:20PM	STEM-302	L Doyle	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab			W	08:30PM-09:10PM	STEM-302		08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
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)									
38226	ADJ-20	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
ADJ-27		<b>Forensic and Crime Scene Photography</b>							
Prerequisite: None Description: The theory and practice of forensic and crime scene photography, with a specific focus upon the proficiency and development of technical photography skills in legal and field environments. Students will obtain an introduction to the basic principles of photography and significant academic and technical exposure and skill-building in forensic photography, with a focus upon photographic documentation of forensic environments, including crime scene photography, injury documentation, traffic collision and property damage, evidence photography, forensic light source photography, low light/nighttime scene photography, specialized crime scene photography, and proper and lawful photographic evidence collection. A comprehensive review of academic legal knowledge regarding the rules of evidence and crime scene investigation techniques as it relates to crime scene photography. 36 hours lecture and 54 hours laboratory. (Same as PHO 27) (Letter grade only)									
39351	ADJ-27	Lecture		3			ON-LINE	S McKay-Davis	08/19 - 12/14/24
		Lab			Th	06:00PM-09:10PM	STEM-302		08/19 - 12/14/24

The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

## ANTHROPOLOGY

ANT-1		<b>Physical Anthropology</b>							
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)									

38250	ANT-1	Lecture		3	Th	02:30PM-03:55PM	HUM-111 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38251	ANT-1	Lecture		3	T	02:30PM-03:55PM	HUM-111 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38252	ANT-1	Lecture		3	TTh	09:40AM-11:10AM	HUM-111	A Gray	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38253	ANT-1	Lecture		3			ON-LINE	A Gray	08/19 - 12/14/24
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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)

38254	ANT-1	Lecture		3			ON-LINE	A Gray	08/19 - 12/14/24
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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)

38255	ANT-1	Lecture		3			ON-LINE	A Gray	08/19 - 12/14/24
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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)

38256	ANT-1	Lecture		3			ON-LINE		10/14 - 12/14/24
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The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.

ANT-1L		<b>Physical Anthropology Laboratory</b>							
Prerequisite: None Corequisite: Concurrent enrollment in or prior completion of ANT-1 or 1H required. Description: Laboratory course exploring case studies and problems of human genetics, human variation, the identification of fossils through examination of fossil casts, human evolution, the study of the human skeleton, observation of primate behavior and structures utilizing the scientific method. 54 hours laboratory.									

38257	ANT-1L	Lab		1			ON-LINE		08/19 - 12/14/24
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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)

38258	ANT-1L	Lab		1	TTh	11:15AM-12:40PM	HUM-111		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38259	ANT-1L	Lab		1			ON-LINE		08/19 - 12/14/24
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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)

38260	ANT-1L	Lab		1			ON-LINE		10/14 - 12/14/24
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The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.

ANT-2		<b>Cultural Anthropology</b>							
Prerequisite: None Description: An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. Cultural practices and institutions are examined using perspectives that enhance effective participation in a culturally diverse world. 54 hours lecture. (Letter grade only)									

38261	ANT-2	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

38262	ANT-2	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

38263	ANT-2	Lecture		3	M	11:10AM-12:35PM	HUM-111 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38264	ANT-2	Lecture		3	W	11:10AM-12:35PM	HUM-111 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39360	ANT-2	Lecture		3			ON-LINE		10/14 - 12/14/24
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The above Section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework

ANT-4		<b>Native American Cultures</b>							
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)									

39242	ANT-4	Lecture		3			ON-LINE	C Goralski	08/19 - 12/14/24
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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		<b>Introduction to Archaeology</b>							
Prerequisite: None Description: An examination of the basic concepts, methods, and findings of modern archaeology. Covers the history of archaeology, the application of archaeological methods of recovery and interpretation, and the analysis of archaeological evidence as it is used to reconstruct ancient societies and major trends in cultural evolution. 54 hours lecture.									

38266	ANT-6	Lecture		3	MW	12:45PM-02:10PM	HUM-111		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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.									
38267	ANT-7	Lecture		3			ON-LINE	A Gray	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See 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.)									
38268	APP-450	Lecture		4			ON-LINE		08/19 - 12/14/24
Online classes are distance education classes with no scheduled meeting 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 CTE@norcocollege.edu									

## ARABIC

ARA-1		Arabic 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 Arabic at the beginning level. Includes discussion of Arabic culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)									
39345	ARA-1	Lecture		5			ON-LINE	H Al Jord	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									

## ARCHITECTURE

ARE-24		Revit I-Architectural Drafting							
Prerequisite: None Advisory: DFT-21 or DFT-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.)									
38269	ARE-24	Lecture		3			ON-LINE	A Nindra	08/19 - 10/11/24
		Lab			M	06:00PM-08:05PM	REG-MEET		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

ARE-25		Revit II-Advanced Architectural Drafting							
Prerequisite: ARE-24 OR DFT-24 Description: Advanced study of architectural detailing and construction methods, including the preparation of working drawings. Other topics include the development of construction documents, study of the Uniform Building Code, and practice from site selection to completion using advanced Computer Aided Design tools (CAD-Revit II). A completed portfolio is a requirement of the course. 27 hours lecture and 90 hours laboratory.(Letter Grade, or Pass/No Pass option.)									
38270	ARE-25	Lecture		3			ON-LINE	A Nindra	10/14 - 12/14/24
		Lab			M	06:00PM-08:50PM	IT-125	W Brown	10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

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.)									
38271	ARE-35	Lecture		3			ON-LINE	A Ghiassi	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

ARE-36		History of Architecture: Renaissance to Modern							
Prerequisite: None Description: A survey of the major movements in the form, theory and design of Western architecture and art from the Renaissance through the 20th century will be studied analyzed and interpreted in terms of religious social and political context. Particular emphasis will be placed on a comparative study of architectural monuments and architects, the sources of design, meaning of beauty, and conditions that influence the Western architectural traditions. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
38272	ARE-36	Lecture		3			ON-LINE	A Ghiassi	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

ARE-63		3D Tour, Virtual, Mixed, Augmented and Extended Reality							
Prerequisite: None Advisory: ARE-24 or CON-62 or ARE-62 Description: Introduces concepts of Building Information Modeling (BIM), virtual reality (VR), augmented reality (AR), mixed reality (MR) and extended reality (XR) technologies, to build basic 3D models, scan objects, 360 degree space photography, design and edit 3D tours from various spaces inside and outside buildings as a tool for visual communication, prepare virtual field trip, walkthrough and fly for presentation, and show existing spaces using, scanner, camera, drone, current 3D and BIM software to architects, contractors, realtors, clients, or game developers. 27 hours lecture and 90 hours laboratory. (Letter grade or Pass/No Pass option)									
38273	ARE-63	Lecture		3			ON-LINE	A Farmand	10/14 - 12/14/24
		Lab			M	06:00PM-09:10PM	IT-127		10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

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

38291	ART-6	Lecture		3	TTh	02:30PM-03:55PM	WEQ-W6B	L Stone	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38292	ART-6	Lecture		3	M	06:00PM-09:10PM	WEQ-W6B ON-LINE	M Chandler	10/14 - 12/14/24 10/14 - 12/14/24
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The above section is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38293	ART-6	Lecture		3	M	09:40AM-11:05AM	WEQ-W6B ON-LINE	R Dzikonski	08/19 - 12/14/24 08/19 - 12/14/24
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The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38294	ART-6	Lecture		3			ON-LINE	L Lavitt	08/19 - 12/14/24
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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)

38295	ART-6	Lecture		3			ON-LINE	L Lavitt	08/19 - 12/14/24
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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)

38296	ART-6	Lecture		3			ON-LINE	N Green-Hodges	08/19 - 12/14/24
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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)

38297	ART-6	Lecture		3			CCAP-ONLN		08/19 - 12/14/24
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The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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.)

38277	ART-17	Lecture		3	T	06:00PM-06:50PM	ATEC-209	T Haerens	08/19 - 12/14/24
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					Th	06:00PM-07:05PM	ATEC-209		08/19 - 12/14/24
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		Lab			T	07:00PM-09:15PM	ATEC-209		08/19 - 12/14/24
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		Lab			Th	07:25PM-09:15PM	ATEC-209		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38279	ART-17	Lecture		3	M	11:10AM-12:00PM	ATEC-209	M Ramin	08/19 - 12/14/24
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					W	11:10AM-12:15PM	ATEC-209		08/19 - 12/14/24
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		Lab			M	12:10PM-02:25PM	ATEC-209		08/19 - 12/14/24
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		Lab			W	12:25PM-02:25PM	ATEC-209		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39401	ART-17	Lecture		3	F	09:00AM-11:05AM	ATEC-209	T Le	08/19 - 12/14/24
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		Lab			F	11:45AM-04:00PM	ATEC-209		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

### ART-22 Two Dimensional 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.)

38280	ART-22	Lecture		3	T	02:00PM-02:50PM	ATEC-209	M Lindeman	08/19 - 12/14/24
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					Th	02:00PM-03:05PM	ATEC-209		08/19 - 12/14/24
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		Lab			T	03:00PM-05:15PM	ATEC-209		08/19 - 12/14/24
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		Lab			Th	03:25PM-05:15PM	ATEC-209		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38282	ART-22	Lecture		3			ON-LINE	M Lindeman	08/19 - 12/14/24
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		Lab					ON-LINE		08/19 - 12/14/24
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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)

39402	ART-22	Lecture		3			ON-LINE	M Lindeman	08/19 - 12/14/24
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		Lab					ON-LINE		08/19 - 12/14/24
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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)

### 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)

38284	ART-24	Lecture		3	M	06:00PM-06:50PM	ATEC-209	D Campuzano	08/19 - 12/14/24
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					W	06:00PM-07:05PM	ATEC-209		08/19 - 12/14/24
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		Lab			M	07:00PM-09:15PM	ATEC-209		08/19 - 12/14/24
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		Lab			W	07:25PM-09:15PM	ATEC-209		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

### ART-25A Watercolor - Beginning

Prerequisite: ART-17. Description: Fundamentals of painting with transparent watercolors at an introductory level. Basic techniques, tools, and materials will be explored. Composition, idea, method, color, and creativity will be examined. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option)

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39403	ART-25A	Lecture		3	T	09:35AM-10:25AM	ATEC-209	M Lindeman	08/19 - 12/14/24
		Lab			Th	09:35AM-10:40AM	ATEC-209		08/19 - 12/14/24
		Lab			T	10:35AM-12:50PM	ATEC-209		08/19 - 12/14/24
		Lab			Th	11:00AM-12:50PM	ATEC-209		08/19 - 12/14/24

**ART-25B Watercolor - Intermediate**

Prerequisite: ART-25A Description: Intermediate-level painting with transparent watercolors. Non-traditional methods, various techniques, tools, and materials will be explored. Intermediate concepts of composition, idea, method, color, and creativity will be examined. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

39404	ART-25B	Lecture		3	T	09:35AM-10:25AM	ATEC-209	M Lindeman	08/19 - 12/14/24
		Lab			Th	09:35AM-10:40AM	ATEC-209		08/19 - 12/14/24
		Lab			T	10:35AM-12:50PM	ATEC-209		08/19 - 12/14/24
		Lab			Th	11:00AM-12:50PM	ATEC-209		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**ART-26 Beginning Painting**

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

38285	ART-26	Lecture		3	M	07:45AM-08:35AM	ATEC-209	T Le	08/19 - 12/14/24
		Lab			W	07:45AM-08:50AM	ATEC-209		08/19 - 12/14/24
		Lab			M	08:45AM-11:00AM	ATEC-209		08/19 - 12/14/24
		Lab			W	09:10AM-11:00AM	ATEC-209		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**ART-27 Intermediate Painting**

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

38286	ART-27	Lecture		3	M	07:45AM-08:35AM	ATEC-209	T Le	08/19 - 12/14/24
		Lab			W	07:45AM-08:50AM	ATEC-209		08/19 - 12/14/24
		Lab			M	08:45AM-11:00AM	ATEC-209		08/19 - 12/14/24
		Lab			W	09:10AM-11:00AM	ATEC-209		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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

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

38287	ART-28A	Lecture		3	M	07:45AM-08:35AM	ATEC-209	T Le	08/19 - 12/14/24
		Lab			W	07:45AM-08:50AM	ATEC-209		08/19 - 12/14/24
		Lab			M	08:45AM-11:00AM	ATEC-209		08/19 - 12/14/24
		Lab			W	09:10AM-11:00AM	ATEC-209		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**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.)

38288	ART-40A	Lecture		3	M	02:35PM-03:25PM	ATEC-209	M Ramin	08/19 - 12/14/24
		Lab			W	02:35PM-03:40PM	ATEC-209		08/19 - 12/14/24
		Lab			M	03:35PM-05:50PM	ATEC-209		08/19 - 12/14/24
		Lab			W	04:00PM-05:50PM	ATEC-209		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**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).

38289	ART-40B	Lecture		3	M	02:35PM-03:25PM	ATEC-209	M Ramin	08/19 - 12/14/24
		Lab			W	02:35PM-03:40PM	ATEC-209		08/19 - 12/14/24
		Lab			M	03:35PM-05:50PM	ATEC-209		08/19 - 12/14/24
		Lab			W	04:00PM-05:50PM	ATEC-209		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**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.)

38290	ART-41A	Lecture		3	M	02:35PM-03:25PM	ATEC-209	M Ramin	08/19 - 12/14/24
		Lab			W	02:35PM-03:40PM	ATEC-209		08/19 - 12/14/24
		Lab			M	03:35PM-05:50PM	ATEC-209		08/19 - 12/14/24
		Lab			W	04:00PM-05:50PM	ATEC-209		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**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)

38235	AHS-1	Lecture		3			ON-LINE	C Falzone Robinson	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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.)							
38237	AHS-2	Lecture		3			ON-LINE	M Chandler	08/19 - 12/14/24
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de							
38238	AHS-2	Lecture		3	MW	12:45PM-02:10PM	LIBR-121		08/19 - 12/14/24
		Canvas and other online applications may be required to complete coursework.							
AHS-5		Arts of Africa, Oceania, and Indigenous North America Prerequisite: None Advisory: ENG-1A and college level reading recommended. Description: An introductory survey of the arts of non-European cultures. History, form, functions, and aesthetics will be discussed in an overview of the arts of Indigenous North America, Oceania, and Africa. 54 hours lecture. (Letter Grade, or Pass/No pass option.)							
39393	AHS-5	Lecture		3	MW	08:00AM-09:25AM	WEQ-W6B	N Green-Hodges	08/19 - 12/14/24
		Canvas and other online applications may be required to complete coursework.							
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.)							
38240	AHS-6	Lecture		3	TTh	02:30PM-03:55PM	WEQ-W6B	L Stone	08/19 - 12/14/24
		Canvas and other online applications may be required to complete coursework.							
38241	AHS-6	Lecture		3	M	06:00PM-09:10PM	WEQ-W6B ON-LINE	M Chandler	10/14 - 12/14/24 10/14 - 12/14/24
		The above section is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de							
38242	AHS-6	Lecture		3	M	06:00PM-09:10PM	WEQ-W6B ON-LINE	R Dzikonski	08/19 - 12/14/24 08/19 - 12/14/24
		The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de							
38243	AHS-6	Lecture		3			ON-LINE	L Lavitt	08/19 - 12/14/24
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de							
38244	AHS-6	Lecture		3			ON-LINE	N Green-Hodges	08/19 - 12/14/24
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de							
38245	AHS-6	Lecture		3			ON-LINE	L Lavitt	08/19 - 12/14/24
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de							
38246	AHS-6	Lecture		3			CCAP-ONLN		08/19 - 12/14/24
		The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de							
39397	AHS-6	Lecture		3			CCAP-ONLN	L Stone	08/19 - 12/14/24
		The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de							
AHS-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.)							
39399	AHS-6H	Lecture		3	MW	11:10AM-12:35PM	IT-208	M Chandler	08/19 - 12/14/24
		The above section is designed for students in the Honors Program. Canvas and other online applications may be required to complete coursework.							
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.)							
39400	AHS-7	Lecture		3			ON-LINE	M Chandler	
		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)							
38248	AHS-8	Lecture		3			ON-LINE	M Chandler	08/19 - 12/14/24
		The above section is an online class. Computer with Internet access required. See www.rccd.edu/de							
AHS-20		Mexican Art History Prerequisite: None Description: Survey of painting, sculpture, architecture, craft, and visual culture of Mexico, spanning the Pre-Columbian, Colonial, and contemporary periods. 54 lecture hours. (Letter Grade or Pass/No Pass option)							
39392	AHS-20	Lecture		3	MW	12:45PM-02:10PM	WEQ-W6B	D Cuevas	08/19 - 12/14/24
		Canvas and other online applications may be required to complete coursework.							

## 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)							
38298	BIO-1	Lecture Lab		4	TTh Th	07:50AM-09:15AM 09:30AM-12:40PM	IT-101 ST-203	M Gutierrez	08/19 - 12/14/24 08/19 - 12/14/24
		Canvas and other online applications may be required to complete coursework.							
38299	BIO-1	Lecture Lab		4	TTh T	04:15PM-05:40PM 06:00PM-09:10PM	IT-117 IT-128	A Osorio	08/19 - 12/14/24 08/19 - 12/14/24
		Canvas and other online applications may be required to complete coursework.							



SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38300	BIO-1	Lecture Lab		4	TTh T	07:50AM-09:15AM 09:30AM-12:40PM	IT-101 ST-203	M Gutierrez	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38301	BIO-1	Lecture Lab		4	TTh Th	04:15PM-05:40PM 06:00PM-09:10PM	IT-117 IT-128	A Osorio	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38302	BIO-1	Lecture Lab		4	TTh T	11:15AM-12:40PM 02:00PM-05:10PM	WEQ-W7 IT-128	H Hobson	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38303	BIO-1	Lecture Lab		4	F F	01:00PM-04:10PM 09:00AM-12:10PM	IT-101 ST-203	O Kim	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38304	BIO-1	Lecture Lab		4	TTh Th	11:15AM-12:40PM 02:00PM-05:10PM	WEQ-W7 IT-128	H Hobson	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38305	BIO-1	Lecture Lab		4	F F	01:00PM-04:10PM 04:30PM-07:40PM	IT-101 ST-203	O Kim	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38306	BIO-1	Lecture Lab		4	M W	06:00PM-09:10PM 06:00PM-09:10PM	IT-128 IT-128	J Hyland	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38315	BIO-4	Lecture Lab		4	MW M	11:10AM-12:35PM 07:50AM-11:00AM	IT-101 ST-207	J Drainville	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38316	BIO-4	Lecture Lab		4	MW W	11:10AM-12:35PM 07:50AM-11:00AM	IT-101 ST-207	J Drainville	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38317	BIO-4	Lecture Lab		4	T Th	06:00PM-09:10PM 06:00PM-09:10PM	ST-207 ST-207		08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
BIO-8	Principles of Ecology								
Prerequisite: None. Description: Ecology is the study of the interactions between organisms and their environment. Basic principles include evolution and natural selection, climate and other abiotic factors, population growth and genetics, community interactions, species diversity, biogeography, and biome recognition. Human impacts on the above will also be discussed. This course requires field trips. 54 hours lecture and 54 hours laboratory. (Letter grade only)									
38339	BIO-8	Lecture Lab		4	T Th	09:30AM-12:40PM 09:30AM-12:40PM	IT-128 IT-128	T Friedrich Finnerm	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.									
38307	BIO-10	Lecture		3			ON-LINE	T Friedrich Finnerm	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38308	BIO-10	Lecture		3			CCAP-ONLN	T Friedrich Finnerm	08/19 - 12/14/24
The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de									
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)									
38310	BIO-18	Lecture		3			ON-LINE	V Sharma	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38311	BIO-18	Lecture		3			CCAP-ONLN	V Sharma	08/19 - 12/14/24
The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de									
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. Upon successful completion of course requirements for BIO-21 California Naturalist, participants will have the option of obtaining the UC California Naturalist Certification (\$55). This certification will build their resume and become a more desirable candidate to work or volunteer for public land agencies or environmental education organizations. 36 hours lecture 54 hours laboratory. (Letter grade only)									
38314	BIO-21	Lecture Lab		3	F F	11:20AM-01:25PM 08:00AM-11:10AM	IT-128 IT-128	D Mitchell	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38318	BIO-45	Lecture		3			ON-LINE	P Campo	08/19 - 12/14/24
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>									
38319	BIO-45	Lecture		3			CCAP-ONLN	C Breidenbaugh	08/19 - 12/14/24
The above section is restricted to the 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>									
<b>BIO-50A Anatomy and Physiology I</b>									
Prerequisite: BIO-1 or BIO-1H or BIO-4 or BIO-55 or BIO-60 or BIO-60H Advisory: CHE-2A or CHE-3 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)									
38320	BIO-50A	Lecture		4	T	11:30AM-12:20PM	A TEC-114	J Drainville	08/19 - 12/14/24
		Lab			Th	11:30AM-12:35PM	A TEC-114		08/19 - 12/14/24
					TTh	02:00PM-05:10PM	ST-211		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38321	BIO-50A	Lecture		4	T	11:30AM-12:20PM	A TEC-114	J Drainville	08/19 - 12/14/24
		Lab			Th	11:30AM-12:35PM	A TEC-114		08/19 - 12/14/24
					TTh	08:00AM-11:10AM	ST-211		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38322	BIO-50A	Lecture		4	M	12:45PM-01:35PM	ST-211		08/19 - 12/14/24
		Lab			W	12:45PM-01:50PM	ST-211		08/19 - 12/14/24
					MW	02:00PM-05:10PM	ST-211		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38323	BIO-50A	Lecture		4	M	07:55AM-08:45AM	ST-211	I McGuire	08/19 - 12/14/24
		Lab			W	07:55AM-09:00AM	ST-211		08/19 - 12/14/24
					MW	09:10AM-12:20PM	ST-211		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38324	BIO-50A	Lecture		4	T	05:10PM-06:15PM	IT-101		08/19 - 12/14/24
		Lab			Th	05:10PM-06:00PM	IT-101		08/19 - 12/14/24
					TTh	06:30PM-09:40PM	ST-211		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38325	BIO-50A	Lecture		4	F	09:00AM-09:50AM	ST-211	B Tran	08/19 - 12/14/24
		Lab			S	09:00AM-10:05AM	ST-211		08/19 - 12/14/24
					FS	10:15AM-01:25PM	ST-211		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38326	BIO-50A	Lecture		4	M	05:00PM-05:50PM	IT-101	A Tocts	08/19 - 12/14/24
		Lab			W	05:00PM-06:05PM	IT-101		08/19 - 12/14/24
					MW	06:15PM-09:25PM	ST-211		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>BIO-50B Anatomy and Physiology II (formerly Amy-2b)</b>									
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)									
38327	BIO-50B	Lecture		4	T	11:20AM-12:10PM	IT-117	P Campo	08/19 - 12/14/24
		Lab			Th	11:20AM-12:25PM	IT-117		08/19 - 12/14/24
					TTh	08:00AM-11:10AM	ST-207		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38328	BIO-50B	Lecture		4	T	11:20AM-12:10PM	IT-117	P Campo	08/19 - 12/14/24
		Lab			Th	11:20AM-12:25PM	IT-117		08/19 - 12/14/24
					TTh	02:00PM-05:10PM	ST-207		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38329	BIO-50B	Lecture		4	M	05:15PM-06:05PM	ST-207	G Blanco	08/19 - 12/14/24
		Lab			W	05:15PM-06:20PM	ST-207		08/19 - 12/14/24
					MW	06:30PM-09:40PM	ST-207		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38330	BIO-50B	Lecture		4	F	09:00AM-09:50AM	ST-207		08/19 - 12/14/24
		Lab			S	09:00AM-10:05AM	ST-207		08/19 - 12/14/24
					FS	10:15AM-01:25PM	ST-207		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38331	BIO-50B	Lecture		4	M	11:20AM-12:10PM	A TEC-210	G Johansen	08/19 - 12/14/24
		Lab			W	11:20AM-12:25PM	A TEC-210		08/19 - 12/14/24
					MW	12:45PM-03:55PM	ST-207		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>BIO-55 Microbiology (formerly Mic-1)</b>									
Prerequisite: CHE-2A or CHE-2B or CHE-3, and BIO-1 or BIO-1H or BIO-50A or BIO-60 or BIO-60H Description: General characteristics of microorganisms with emphasis on morphology, growth, control, metabolism and reproduction; their role in disease, body defenses, and application to the biomedical field. 54 hours lecture and 54 hours laboratory. (Letter grade only)									
38332	BIO-55	Lecture		4	TTh	02:00PM-03:25PM	IT-101	J Julius	08/19 - 12/14/24
		Lab			T	04:10PM-07:20PM	ST-203		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38333	BIO-55	Lecture		4	TTh	02:00PM-03:25PM	IT-101	J Julius	08/19 - 12/14/24
		Lab			Th	04:10PM-07:20PM	ST-203		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38334	BIO-55	Lecture Lab		4	MW M	07:35AM-09:00AM 09:15AM-12:25PM	IT-101 ST-203	M Gutierrez	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38335	BIO-55	Lecture Lab		4	MW W	07:35AM-09:00AM 09:15AM-12:25PM	IT-101 ST-203	M Gutierrez	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38336	BIO-55	Lecture Lab		4	M W	06:00PM-09:10PM 06:00PM-09:10PM	ST-203 ST-203	J Julius	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

**BIO-60** Introduction to Molecular and Cellular Biology (formerly Bio-11)  
Prerequisite: CHE-1A or CHE-1AH Advisory: MAT-35, ENG-50, ENG-80or 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.

38337	BIO-60	Lecture Lab		5	MW W	11:30AM-01:35PM 01:50PM-05:00PM	ATEC-114 ST-203		08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

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

38338	BIO-61	Lecture Lab		5	MW W	11:30AM-01:35PM 01:50PM-05:00PM	IT-128 IT-128		08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

## 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)

38340	BUS-10	Lecture		3			ON-LINE	A Martin	08/19 - 12/14/24
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>									
38341	BUS-10	Lecture		3	W	06:00PM-09:10PM	ATEC-114 ON-LINE	A Martin	08/19 - 10/11/24 08/19 - 10/11/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38342	BUS-10	Lecture		3	MW	12:45PM-02:10PM	WEQ-W7	E Doucette	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38343	BUS-10	Lecture		3			ON-LINE	E Doucette	08/19 - 10/11/24
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>									
38344	BUS-10	Lecture		3			ON-LINE		10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38345	BUS-10	Lecture		3	W	06:00PM-09:10PM	ATEC-114 ON-LINE	A Martin	10/14 - 12/14/24 10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38346	BUS-10	Lecture		3			ON-LINE		10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38348	BUS-10	Lecture		3			ON-LINE	A Martin	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38349	BUS-10	Lecture		3			ON-LINE	A Martin	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38350	BUS-10	Lecture		3			ON-LINE		10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38351	BUS-10	Lecture		3			ON-LINE		08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39394	BUS-10	Lecture		3			ON-LINE	K Schluter	08/19 - 12/14/24
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-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)

38353	BUS-18A	Lecture		3			ON-LINE	J Alpay	08/19 - 12/14/24
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>									
38354	BUS-18A	Lecture		3	W	06:30PM-09:40PM	HUM-103 ON-LINE	J Alpay	08/19 - 10/11/24 08/19 - 10/11/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38355	BUS-18A	Lecture		3			ON-LINE	J Alpay	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38356	BUS-18A	Lecture		3			ON-LINE	J Alpay	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38358	BUS-18A	Lecture		3			ON-LINE	G Sonnier	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38359	BUS-18A	Lecture		3			ON-LINE	C Pentis	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38360	BUS-18A	Lecture		3			ON-LINE	C Pentis	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.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)									
38361	BUS-18B	Lecture		3	W	06:30PM-09:40PM	HUM-103 ON-LINE	J Alpay	10/14 - 12/14/24 10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38362	BUS-18B	Lecture		3			ON-LINE	G Sonnier	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38363	BUS-18B	Lecture		3			ON-LINE	G Sonnier	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
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)									
38364	BUS-20	Lecture		3	MW	11:15AM-12:30PM	HUM-102 ON-LINE	E Doucette	08/19 - 10/11/24 08/19 - 10/11/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38365	BUS-20	Lecture		3			ON-LINE	E Doucette	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38366	BUS-20	Lecture		3			ON-LINE	E Doucette	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
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)									
38367	BUS-22	Lecture		3			ON-LINE	E Doucette	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
BUS-24		Business Communication							
Prerequisite: ENG-1A or ENG-1AH Description: Applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing and revising business documents using word processing software for written documents and presentation graphics software to create and deliver professional-level oral reports. Course is designed for students who have college-level writing skills. 54 hours lecture.									
38368	BUS-24	Lecture		3	M	06:00PM-09:10PM	STEM-115	E Doucette	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
BUS-33		Business Structure and Legal Issues							
Prerequisite: None Description: This course examines the primary forms of business structures, such as sole proprietorship, partnership, and corporation, and the legal elements needed to comply with regulations and guidelines of various governmental agencies. The course will help entrepreneurs recognize the legal issues before they become problems, select legal representation, and manage and grow businesses more effectively within the law. 36 hours lecture.									
39395	BUS-33	Lecture		2	Th	05:00PM-09:15PM	WEQ-W6	A Martin	08/19 - 10/11/24
Canvas and other online applications may be required to complete coursework.									
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)									
38370	BUS-47	Lecture		3			ON-LINE	A Martin	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38371	BUS-47	Lecture		3			ON-LINE	A Martin	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
BUS-80		Principles of Logistics							
Prerequisite: None Description: An introduction to the management of business logistics functions including purchasing, inventory management, transportation, warehousing and their related technologies. Focus is on integration of logistics functions to improve overall supply chain customer service and cost performance. 54 hours lecture. (pass/no pass, letter grade)									
38372	BUS-80	Lecture		3			ON-LINE	D Dokter	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
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.)									
38373	BUS-82	Lecture		1.5			ON-LINE	C Pentis	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
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.)									
38374	BUS-83	Lecture		1.5			ON-LINE	C Pentis	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	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.)									
38375	BUS-86	Lecture		3			ON-LINE	K Schluter	08/19 - 12/14/24
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-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.)									
38376	BUS-87	Lecture		3			ON-LINE	D Dokter	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
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.)									
38377	BUS-90	Lecture		3			ON-LINE	D Dokter	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

## CARPENTRY

CRP-404C	Print Reading - Symbols								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Basic visualization skills needed for reading and interpreting construction prints. Views, elevations, and the role of specifications as they relate to insulation details on prints will be discussed. An awareness of sustainable and green building practices will be covered during the course. 36 hours lecture and 20 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38491	CRP-404C	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-07:50PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38492	CRP-404C	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-07:50PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-421A	Orientation-Hand Tools Safety								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Overview of the construction industry, safety overview, with a focus on tool identification and use. Upon successful completion, students will receive OSHA 10 Hour and Powder Actuated Tool Certifications. 36 hours lecture and 10 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38493	CRP-421A	Lecture		2	TWThF	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			TWThF	03:00PM-05:15PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38494	CRP-421A	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-05:15PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-421B	Safety and Health Certifications - Hand and Power Tools Applications								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Hand/power tool and equipment skill development for various construction applications. Scaffold building and equipment operating procedures will also be covered. Financial and life skills relevant to surviving the construction industry will be presented. Upon successful completion, students will be issued United Brotherhood of Carpenters (UBC) Scaffold Erector-Welded Frame Qualification. 36 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38495	CRP-421B	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-07:15PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38496	CRP-421B	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-07:15PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38497	CRP-421B	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-07:15PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38498	CRP-421B	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-07:15PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-421C	Basic Wall Framing								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Wall construction theory, methods, and procedures required to frame basic residential walls. Practical experience using proper tool techniques and appropriate materials will provide students with fundamental skill development. An introduction to print reading will prepare students to locate measurements for determining wall lengths and size of openings. Students will perform basic wall layout tasks, use plating procedures, and assemble and brace framing before aligning and completing the selected wall construction project to industry standards. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38499	CRP-421C	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38500	CRP-421C	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38501	CRP-421C	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
CRP-421E	Tool/Equipment Applications - Emergency Response Procedures								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Hand/power tool and equipment skill development for various construction applications. Scaffold building and aerial lift safety and operating procedures will also be covered. Upon successful completion, students will be issued United Brotherhood of Carpenters (UBC) Aerial Lift and Scaffold Erector-Welded Frame Qualification Cards. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38502	CRP-421E	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38503	CRP-421E	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-422A	Commercial Floor Framing								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Floor joist construction and the various installation techniques used in the commercial industry. Students will interpret floor plans for job planning, identify floor joist system, and calculate material take offs. Integration of wall plating, joist layout, and floor sheathing methods will be included. Instruction will incorporate measuring skills, use of math operations, specialty hardware applications, and identification of appropriate building codes. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38504	CRP-422A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38505	CRP-422A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-422B	Basic Stairs								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Introduction to stair framing theory, terminology, and construction techniques. Students will interpret floor plans and drawing elevations for job planning, and to layout and detail stair stringers. Methods for calculating the number of stairs, landing height, stair threads, and riser dimensions will be presented and practiced. Instruction will include measuring skills, mathematical principles, stair and handrail fabrication, assembly and installation. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38506	CRP-422B	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
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.)									
38507	CRP-423B	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38508	CRP-423B	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-424D	Transit Level/Laser								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Terminology, optical principles, and operating procedures for the transit and laser levels. 36 hours lecture and 10 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38509	CRP-424D	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-05:15PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38510	CRP-424D	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-05:15PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-425A	Foundations and Flatwork								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Design and function of several types of foundations and concrete flatwork. The methods, techniques, and procedures for formwork layout, elevation, and construction will be presented and applied by students during practical assignments. Jobsite safety, print interpretation, material identification, and basic use of the builders' level will be included in the training. Students will construct three selected formwork projects. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38511	CRP-425A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38512	CRP-425A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-426B	Wall Forming								
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Skills and procedures for forming reinforced concrete walls using single and double waler systems. Students will identify the characteristics and application of built-in-place, per-fabricated, and specialty forms. Practical exercises will prepare students for locating wall forming information on project plans, calculating layout dimensions, and for estimating material requirements. Basic wall panel forming and reinforcement methods, material preparation, and hardware installation are included in training. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38513	CRP-426B	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38514	CRP-426B	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
CRP-427D		Stairs and Ramp Forming							
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Provides related and supplemental instruction for apprentice carpenters in the areas of the various techniques to form stairs and ramp structures; related safety, mathematics, and blueprint reading. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38515	CRP-427D	Lecture		1.5	TWThF	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			TWThF	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38516	CRP-427D	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-428A		Bridge Construction							
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Overview of bridge types and the skills required to perform standard bridge construction tasks. Students will be able to describe the purpose and function of exterior and interior girders, edge forms, bulkheads, and hinge forms. Bridge formwork project will include panel construction, assembly, and hardware installation tasks. Related safety, math and print reading will be covered in the training. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38517	CRP-428A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
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.)									
38518	CRP-433D	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38519	CRP-433D	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
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.)									
38520	CRP-434D	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
38521	CRP-434D	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-471A		Orientation-Power Tools Safety							
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Overview of the construction industry, safety overview, with a focus on tool identification and use. Upon successful completion, students will receive OSHA 10 Hour and Powder Actuated Tool Certifications. 36 hours lecture and 10 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38522	CRP-471A	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-05:15PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-471C		Tool/Equipment Applications - Fall Protection							
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Safe and appropriate use of fall protection, and emergency response procedures. Tool applications presented in this training will provide opportunities for tool skill mastery and equipment operation. Upon successful completion, students will be issued an American Red Cross First Aid/CPR Certification Card, and United Brotherhood of Carpenters (UBC) Fall Protection Qualification Card. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38523	CRP-471C	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-472A		Basic Metal Framing							
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: An overview of the use of metal framing materials in the construction of building interiors. A comparison of metal framing and typical wood framing techniques will be presented. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38524	CRP-472A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-472B		Basic Lathing							
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Basic framing and lathing methods used in the industry for exterior/interior installations. Focus on exterior waterproofing, lath, and trim installation procedures. Students will use the skills presented to complete an exterior lathing project as part of this course. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38525	CRP-472B	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24
The above course is part of an apprenticeship program. Interested students may apply to the Southwest Carpenters Training Fund.									
CRP-472C		Advanced Lathing							
Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Advanced methods and application techniques for lath and trim products used on exterior-interior metal framing. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38526	CRP-472C	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24

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

**CRP-473A Framing Ceilings and Soffits**  
 Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Materials used and their application for various types of fire rated walls, ceilings and soffits. Presents methods and procedures used for layout and template development. Drywall and trim applications are discussed. The types of tools used and their associated safety, applied math and print reading fundamentals are reviewed. Students will use the skills presented to complete a ceiling and soffit project as part of this course. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38527	CRP-473A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24

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

38528	CRP-473A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24

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

**CRP-473B Framing Suspended Ceilings**  
 Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Installation of circular ceilings with drops, and drywall suspension in both square and circular grids. Students will complete selected suspended ceiling installations using the techniques presented. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38529	CRP-473B	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24

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

**CRP-473C Framing Curves and Arches**  
 Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Framing methods for curves and arches and their related structural limitations. Identifies the various wall and ceiling types and the layout principles, and materials used for each. Lath applications and trim are also discussed. Students will use the skills presented to complete a framing project that includes curves and arches. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38530	CRP-473C	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24

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

**CRP-474A Print Reading - Specifications**  
 Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Basic visualization skills for reading and interpreting construction prints. Views, elevations, and the role of specifications as they relate to insulation details on prints will be discussed. An awareness of sustainable and green building practices will be covered during the course. 36 hours lecture and 10 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38531	CRP-474A	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-05:15PM	RSWC-CLAS		08/19 - 12/14/24

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

**CRP-474B Advanced Print Reading- Digital Application**  
 Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Analyze multi-view drawings to determine acoustical ceiling construction types, locate benchmark and building/wall elements; review codes, references, and perform calculations for construction/ceiling grid planning. 36 hours lecture and 10 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38532	CRP-474B	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-05:15PM	RSWC-CLAS		08/19 - 12/14/24

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

38533	CRP-474B	Lecture		2	MTWTh	06:00AM-02:50PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	03:00PM-05:15PM	RSWC-CLAS		08/19 - 12/14/24

**CRP-479A Drywall and Acoustical Ceilings**  
 Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: Materials and methods used for acoustical ceilings combined with drywall installation. Seismic codes, materials, and requirements are also reviewed. Green building rating systems will be applied to selected acoustical and drywall materials. Installation for various grid systems will be discussed. Students will use the skills learned to complete a drywall-acoustical ceiling project. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38534	CRP-479A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24

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

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

38535	CRP-483	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24

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

**CRP-486A Exterior Insulation Finish Systems (EIFS)**  
 Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: An introduction to exterior insulation finish systems including terminology, definitions, specifications, and properties. It will deal with reinforcing mesh installation and the application of insulation board. Application methods and techniques for primers and finishes will be presented. Students will use the skills presented to complete an EIFS installation project as part of this course. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38536	CRP-486A	Lecture		1.5	MTWTh	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			MTWTh	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24

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

**CRP-489 Freeform Lathing**  
 Prerequisite: None Limitation on Enrollment (e.g. Performance tryout or audition): Student must be a registered State indentured apprentice. Description: A comprehensive study of the theory and techniques used for the development of freeform lathing projects. Enables students to interpret gridline drawings; layout and build lath cage work and apply the appropriate lath(s) to achieve the desired or designed form or structure. 27 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)



SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38537	CRP-489	Lecture		1.5	TWThF	06:00AM-12:30PM	RSWC-CLAS		08/19 - 12/14/24
		Lab			TWThF	12:40PM-04:55PM	RSWC-CLAS		08/19 - 12/14/24

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.)					
38382	CHE-1A	Lecture		5	MW	12:45PM-02:10PM	IT-110	Z Zhu	08/19 - 12/14/24
		Lab			MW	02:40PM-05:50PM	HUM-208		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38383	CHE-1A	Lecture		5	TTh	04:10PM-05:35PM	IT-110	J Alphonse	08/19 - 12/14/24
		Lab			TTh	06:30PM-09:40PM	HUM-208		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38384	CHE-1A	Lecture		5	MW	09:15AM-10:40AM	IT-110	L Zelaya	08/19 - 12/14/24
		Lab			MW	11:10AM-02:20PM	HUM-208		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38385	CHE-1A	Lecture		5	MW	11:10AM-12:35PM	IT-108	J Tyler	08/19 - 12/14/24
		Lab			MW	07:30AM-10:40AM	HUM-208		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39265	CHE-1A	Lecture		5	TTh	08:35AM-10:10AM	WEQ-W7	S Sati	08/19 - 12/14/24
		Lab			TTh	11:00AM-02:10PM	HUM-208		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.)					
38387	CHE-1B	Lecture		5	MW	04:10PM-05:35PM	IT-211	B Ghosh	08/19 - 12/14/24
		Lab			MW	06:30PM-09:40PM	HUM-208		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38388	CHE-1B	Lecture		5	TTh	11:15AM-12:40PM	IT-202	W Cui	08/19 - 12/14/24
		Lab			TTh	07:30AM-10:40AM	HUM-208		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
CHE-2A		Introductory Chemistry, I		Prerequisite: Elementary Algebra, Integrated Math 2, or qualifying placement. 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.)					
38389	CHE-2A	Lecture		4	TTh	08:00AM-09:25AM	IT-117	B Ghosh	08/19 - 12/14/24
		Lab			T	09:40AM-12:50PM	HUM-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38390	CHE-2A	Lecture		4	MW	09:10AM-10:35AM	IT-117	C Lugo	08/19 - 12/14/24
		Lab			M	11:10AM-02:20PM	HUM-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38391	CHE-2A	Lecture		4	MW	12:45PM-02:10PM	IT-117	V Lee	08/19 - 12/14/24
		Lab			W	02:40PM-05:50PM	HUM-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38392	CHE-2A	Lecture		4	MW	12:45PM-02:10PM	IT-117	V Lee	08/19 - 12/14/24
		Lab			M	02:40PM-05:50PM	HUM-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38393	CHE-2A	Lecture		4	W	06:00PM-09:10PM	IT-117	W Cui	08/19 - 12/14/24
		Lab			M	06:30PM-09:50PM	HUM-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38394	CHE-2A	Lecture		4	W	06:00PM-09:10PM	IT-117	W Cui	08/19 - 12/14/24
		Lab			T	06:30PM-09:50PM	HUM-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38395	CHE-2A	Lecture		4	MW	09:10AM-10:35AM	IT-117	C Lugo	08/19 - 12/14/24
		Lab			W	11:10AM-02:20PM	HUM-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38396	CHE-2A	Lecture		4	TTh	08:00AM-09:25AM	IT-117	B Ghosh	08/19 - 12/14/24
		Lab			Th	09:40AM-12:50PM	HUM-204	J Tyler	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38397	CHE-2A	Lecture		4	T	06:00PM-09:10PM	IT-117	P Kimbrough	08/19 - 12/14/24
		Lab			Th	06:30PM-09:40PM	HUM-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38398	CHE-2A	Lecture		4	T	06:00PM-09:10PM	IT-117	P Kimbrough	08/19 - 12/14/24
		Lab			W	06:30PM-09:25PM	HUM-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39346	CHE-2A	Lecture		4	TTh	06:00PM-07:25PM	WEQ-W7	H Gill	08/19 - 12/14/24
		Lab			T	02:00PM-05:10PM	HUM-204		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

39347	CHE-2A	Lecture		4	TTh	06:00PM-07:25PM	WEQ-W7	H Gill	08/19 - 12/14/24
		Lab			Th	02:00PM-05:10PM	HUM-204		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**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.)

38380	CHE-12A	Lecture		5	TTh	09:40AM-11:05AM	IT-111	C Lugo	08/19 - 12/14/24
		Lab			F	09:45AM-04:15PM	HUM-208		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**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.)

38381	CHE-12B	Lecture		5	TTh	11:15AM-12:40PM	IT-110	V Lee	08/19 - 12/14/24
		Lab			TTh	02:40PM-05:50PM	HUM-208		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

## CHINESE

**CHI-1** Chinese 1  
PREREQUISITE: None. Description: Develops basic skills in listening, reading, speaking and writing. Emphasis on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Mandarin Chinese at the beginning level. Includes discussion of Chinese culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

38400	CHI-1	Lecture		5			ON-LINE	C Dealba-Yount	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

## COMMUNICATION STUDIES

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

38424	COM-1	Lecture		3	MW	12:45PM-02:10PM	STEM-201	B Natividad	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38425	COM-1	Lecture		3			ON-LINE	G Stinson	08/19 - 12/14/24
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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)

38426	COM-1	Lecture		3	TTh	08:00AM-09:25AM	IT-210	S Nafzgar	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38427	COM-1	Lecture		3	M	09:15AM-10:40AM	IT-210		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38428	COM-1	Lecture		3			ON-LINE	E Arvilla Bohmer	08/19 - 12/14/24
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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)

38429	COM-1	Lecture		3	MW	02:30PM-03:55PM	IT-210	A Razook	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38430	COM-1	Lecture		3	M	11:15AM-12:40PM	IT-210		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38431	COM-1	Lecture		3			ON-LINE	R Stinson	08/19 - 10/11/24
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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 [www.rccd.edu/de](http://www.rccd.edu/de)

38432	COM-1	Lecture		3	W	11:15AM-12:40PM	IT-210		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38433	COM-1	Lecture		3	TTh	09:40AM-11:05AM	IT-210	S Nafzgar	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38434	COM-1	Lecture		3	TTh	08:00AM-09:25AM	STEM-201	K Rigby	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38435	COM-1	Lecture		3	W	09:15AM-10:40AM	STEM-201	B Rihan	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38436	COM-1	Lecture		3			ON-LINE	E Arvilla Bohmer	08/19 - 12/14/24
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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)

38437	COM-1	Lecture		3			ON-LINE	R Smith	08/19 - 12/14/24
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38439	COM-1	Lecture		3			CCAP-ONLN	L Tat	08/19 - 12/14/24
The above section is restricted to the 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>									
38441	COM-1	Lecture		3	TTh	04:10PM-05:35PM	LIBR-121	N Aceves	08/19 - 12/14/24
The above 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. 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>									
38442	COM-1	Lecture		3			ON-LINE	S Roberts	08/19 - 12/14/24
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>									
38443	COM-1	Lecture		3			ON-LINE	K Acevedo	08/19 - 12/14/24
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>									
38444	COM-1	Lecture		3			ON-LINE	S Roberts	08/19 - 12/14/24
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>									
38445	COM-1	Lecture		3			ON-LINE	R Smith	08/19 - 12/14/24
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>									
38446	COM-1	Lecture		3			ON-LINE	R Stinson	08/19 - 12/14/24
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>									
39270	COM-1	Lecture		3			ON-LINE	L Tat	08/19 - 12/14/24
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>									
39271	COM-1	Lecture		3			ON-LINE	W Norris	08/19 - 12/14/24
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>									
39272	COM-1	Lecture		3			ON-LINE	E Walker	08/19 - 12/14/24
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>									
39341	COM-1	Lecture		3	TTh	04:10PM-05:35PM	LIBR-121	N Aceves	08/19 - 12/14/24
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@norcocollege.edu">Maria.Jurado@norcocollege.edu</a> ) prior to enrolling. Canvas and other online applications may be required to complete coursework.									
39342	COM-1	Lecture		3	TTh	04:10PM-05:35PM	LIBR-121	N Aceves	08/19 - 12/14/24
The above section is centered on the Men of Color experience and is intended for students in the Men of Color Scholars Program. See the Men of Color Scholar counselor ( <a href="mailto:daniel.grajeda@rccd.edu">daniel.grajeda@rccd.edu</a> ) prior to enrolling. Canvas and other online applications may be required to complete coursework.									
<b>COM-2 Introduction to Persuasion</b>									
Prerequisite: None Description: An examination of historical and contemporary approaches to persuasive messages throughout time. Focus on ethics, logic, reasoning, the presentation of persuasive appeals, and learning to construct, deliver, and critique persuasive messages to various audiences. Includes theoretical perspectives involving persuasion including Aristotelian and Ciceronian Canons of Rhetoric and strategies on construction, delivery, and critical analysis of persuasive messages. 54 course lecture. (Letter grade only)									
39273	COM-2	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39274	COM-2	Lecture		3	MW	12:45PM-02:10PM	IT-210	A Razook	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>COM-3 Argumentation and Debate</b>									
Prerequisite: None Description: An examination of argumentation and debate including a systematic approach to the process of debate, theories of argumentation as related to topic analysis, research, case construction, refutation/rebuttals, cross-examination, utilization of sound reasoning, fallacies in reasoning, and the importance of ethical behavior in debate. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
38454	COM-3	Lecture		3	W	09:15AM-10:40AM	IT-210		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
<b>COM-6 Small Group Communication</b>									
Prerequisite: None Description: Principles of communication in a variety of group contexts. Theory, application, and evaluation of group communication processes, including problem solving, conflict management, decision-making, and leadership. Oral group presentations required. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
38457	COM-6	Lecture		3	Th	11:15AM-12:40PM	IT-210	S Nafzgar	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38458	COM-6	Lecture		3	T	11:15AM-12:40PM	IT-210	S Nafzgar	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
<b>COM-9 Interpersonal Communication</b>									
Prerequisite: None Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. Students may not receive credit for both COM-9 and COM-9H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
38459	COM-9	Lecture		3	MW	11:15AM-12:40PM	STEM-201	K Rigby	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38460	COM-9	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
38461	COM-9	Lecture		3			ON-LINE	A Olaerts	08/19 - 10/11/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38462	COM-9	Lecture		3	T	09:40AM-11:05AM	STEM-201		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38463	COM-9	Lecture		3			ON-LINE	A Olaerts	08/19 - 10/11/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38464	COM-9	Lecture		3			ON-LINE	A Olaerts	10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38465	COM-9	Lecture		3	Th	09:40AM-11:05AM	STEM-201 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38466	COM-9	Lecture		3			ON-LINE	A Olaerts	10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38467	COM-9	Lecture		3	MW	02:30PM-03:55PM	IT-210	B Natividad	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38469	COM-9	Lecture		3	M	04:10PM-05:35PM	STEM-201 ON-LINE	E Arvilla Bohmer	08/19 - 12/14/24 08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38470	COM-9	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
38471	COM-9	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
38472	COM-9	Lecture		3			CCAP-ONLN	R Stinson	08/19 - 12/14/24
The above section is restricted to the 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>									
38474	COM-9	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
38475	COM-9	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
38476	COM-9	Lecture		3			ON-LINE	B Rihan	08/19 - 12/14/24
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>									
38477	COM-9	Lecture		3			ON-LINE	B Rihan	08/19 - 12/14/24
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>									
38478	COM-9	Lecture		3			ON-LINE	K Rigby	08/19 - 12/14/24
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>									
38480	COM-9	Lecture		3	T	06:00PM-07:25PM	IT-210 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
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.)									
38447	COM-11	Lecture		3	TTh	11:15AM-12:40PM	STEM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38448	COM-12	Lecture		3	M	09:15AM-10:40AM	STEM-201 ON-LINE	A Olaerts	08/19 - 12/14/24 08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
COM-13	Gender and Communication								
Prerequisite: None Advisory: COM-51 and qualification for ENG-1A Description: Examines how communication is used to understand and create gender within the spectrum from masculinity to femininity. Theoretical approaches are discussed to heighten awareness of the importance of communication as a variable in the development of this communication construct. Gender communication issues are examined through the investigation of assigned sex, society, historical and contemporary contexts. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
38451	COM-13	Lecture		3			ON-LINE	B Natividad	10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
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)									
38453	COM-20	Lecture		3			ON-LINE	S Nafzgar	08/19 - 10/11/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39422	COM-20	Lecture		3			ON-LINE	S Nafzgar	10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
<b>COMPUTER APPLICATIONS/OFFICE</b>									
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)									
38378	CAT-80	Lecture Lab		3			ON-LINE ON-LINE	B Fuller	08/19 - 12/14/24 08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
38379	CAT-98A	Lecture		1.5			ON-LINE	B Fuller	10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24

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

## 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.									
38406	CIS-1A	Lecture		3			ON-LINE	R Finley	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

38407	CIS-1A	Lecture		3			ON-LINE	R Finley	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

38408	CIS-1A	Lecture		3			ON-LINE	C McConnell-Freeman	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

38409	CIS-1A	Lecture		3			ON-LINE	J Coverdale	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

38410	CIS-1A	Lecture		3			ON-LINE	J Coverdale	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

38411	CIS-1A	Lecture		3			ON-LINE	J Coverdale	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

38412	CIS-1A	Lecture		3	M	12:45PM-02:10PM	STEM-115	J Coverdale	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

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)									

38414	CIS-5	Lecture		4			ON-LINE	T Tomey	08/19 - 12/14/24
		Lab			M	11:10AM-12:35PM	STEM-115		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

The above section is a hybrid class and has an 54-hour lecture to be completed online. Computer with Internet access required. See <https://rccd.edu/de>.

38415	CIS-5	Lecture		4	W	07:35AM-09:00AM	STEM-115	D Koch	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38416	CIS-5	Lecture		4			ON-LINE	B Kenney	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

38417	CIS-5	Lecture		4			ON-LINE	M Mogasemi	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

38418	CIS-5	Lecture		4			ON-LINE	A Rainey	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

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).									

38419	CIS-7	Lecture		3	W	12:45PM-02:10PM	STEM-115	J Ruiz	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

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)									

38401	CIS-12	Lecture		3			ON-LINE	W Herrera	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
38402	CIS-17A	Lecture		3	W	09:15AM-10:40AM	STEM-115	J Ruiz	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
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)									
38403	CIS-17C	Lecture		3			ON-LINE	J Oconnor	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
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.)									
38404	CIS-18A	Lecture		3	W	11:10AM-12:35PM	STEM-115	J Ruiz	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
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)									
38405	CIS-18C	Lecture		3			ON-LINE	J Oconnor	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
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)									
38413	CIS-30A	Lecture		3			ON-LINE	J Ruiz	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
CIS-30B Python Programming in Networking Prerequisite: CIS-30A Advisory: CIS-1A or CIS-5, CIS-40A Description: Emphasis on the use of Python programming in network administration, such as device configuration, establish communication secure services, analysis and automation. Entails writing scripts, using threads and handle exceptions to streamline network tasks, control network resources, debugging and monitor network communications using Python programming language. Implements Python programming language and development techniques in network administration. 48 hours lecture and 32 hours lab. (Letter grade only)									
39239	CIS-30B	Lecture		3			ON-LINE	J Ruiz	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
CIS-61 Introduction to Database Theory Prerequisite: None Advisory: CIS-3 and CAT-30 or CAT-30A Description: An introduction to the core concepts in data and information management. It is centered around the core skills of identifying organizational information requirements, modeling them using conceptual data modeling techniques, converting the conceptual data models into relational data models and verifying its structural characteristics with normalization techniques, and implementing and utilizing a relational database using an industrial-strength database management system. The course will also include coverage of basic database administration tasks and key concepts of data quality and data security. In addition to developing database applications, the course helps the students understand how large-scale packaged systems are highly dependent on the use of Database Management Systems (DBMSs). Building on the transactional database understanding, the course provides an introduction to data and information management technologies that provide decision support capabilities under the broad business intelligence umbrella. 54 hours of lecture and 18 hours laboratory. (TBA Option) (Letter grade or Pass/No Pass option) (Same as CSC-61)									
39240	CIS-61	Lecture		3			ON-LINE	J Ruiz	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
CIS-63 Introduction to Structured Query Language (SQL) Prerequisite: None Description: Introduction to the relational database management system industry standard - Structured Query Language (SQL). Students will analyze, design, and implement database schema using the SQL programming language. SQL will be utilized to develop a database structure (DDL). The student will use SQL to create both Select and action queries(DML). Joins, Unions, Differences and sub-query statements will be covered. Both the Access and Oracle SQL statements will be covered. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter grade only) (Same as CSC-63)									
39241	CIS-63	Lecture		3			ON-LINE	W Herrera	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
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)									
38420	CIS-78A	Lecture		3	M	07:35AM-09:00AM	STEM-115	A Johnson	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38421	CIS-78A	Lecture		3	MT	02:25PM-03:15PM	JVHS-B6	D Warren	08/19 - 12/14/24
					W	02:25PM-03:35PM	JVHS-B6		08/19 - 12/14/24
		Lab			F	02:25PM-03:15PM	JVHS-B6		08/19 - 12/14/24

The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program. Canvas and other online applications may be required to complete coursework.

CIS-79	Intro Adobe Illustrator								
Prerequisite: None Description: Fundamentals of Adobe Illustrator including creating objects, drawing paths, designing with type and working with graphics. (Same as CAT-79)									
38422	CIS-79	Lecture		3	M	09:15AM-10:40AM	STEM-115	A Johnson	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

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)									
38423	CIS-98A	Lecture		1.5			ON-LINE	B Fuller	10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24

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

## CONSTRUCTION TECHNOLOGY

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)									
38484	CON-61	Lecture		3			ON-LINE		08/19 - 12/14/24

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

CON-62	Print Reading for Construction								
Prerequisite: None. Description: An overview of construction print and specification reading, the relationship of drawings and specifications to the contract and responsibilities of the inspector in interpreting the contract documents and in the inspection of the work. 54 hours lecture. (Letter grade only)									
38485	CON-62	Lecture		3			ON-LINE		08/19 - 12/14/24

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

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)									
38486	CON-65	Lecture		3			ON-LINE		08/19 - 12/14/24

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

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)									
38487	CON-66	Lecture		3	M	06:00PM-09:10PM	IT-122	M Dowlatabadi	08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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									
38488	CON-70	Lecture		3	T	06:30PM-09:40PM	IT-122		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

CON-73	Project Planning for Site Construction								
Prerequisite: None Description: Organization, procedures, and necessary paperwork pertinent to the planning and construction of site improvements. Site analysis by evaluating the needs of the property as well as the needs of those using the property and the design correlations with scope, specifications, and control of local, state, and federal agencies. 54 hours lecture. (Letter grade only)									
38489	CON-73	Lecture		3			ON-LINE		08/19 - 12/14/24

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

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.									
38490	CON-80	Lecture		3	W	06:30PM-09:40PM	IT-122		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

## 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.)									
38538	DAN-6	Lecture		3			ON-LINE		08/19 - 12/14/24

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

DAN-D21	Ballet, Beginning								
Prerequisite: None. Description: An opportunity to learn, practice, and apply beginning level ballet skills and vocabulary. Introduction to historical and cultural context of ballet. May be taken a total of four times. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
39408	DAN-D21	Lab		1	F	09:15AM-12:25PM	WEQ-W2	L Talley	08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

DAN-D32	Jazz, Beginning								
Prerequisite: None Description: Learn, practice and apply fundamental jazz dance skills and vocabulary. Introduction to the historical and cultural context of jazz dance. 54 hours laboratory. (Letter grade Only)									
39409	DAN-D32	Lab		1	MW	09:15AM-10:40AM	WEQ-W2	L Talley	08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
DAN-D46		Pilates Mat Work							
Prerequisite: None. Description: Structured on the total body floor mat exercises developed by Joseph H. Pilates. Exercises include stretching and strengthening, in a non-impact system of floor work that emphasizes improving alignment, body awareness and control. 54 hours laboratory. (Letter grade only)									
39412	DAN-D46	Lab		1	MW	02:30PM-03:55PM	WEQ-W2	A Lupton	08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

## 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)									
38539	DFT-21	Lecture		3			ON-LINE	F Mirzaei	08/19 - 12/14/24
		Lab			T	02:00PM-05:10PM	ATEC-109		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

The above is a hybrid class; students must attend class in-person as scheduled. 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.)									
38540	DFT-24	Lecture		3			ON-LINE	A Nindra	08/19 - 10/11/24
		Lab			M	06:00PM-08:05PM	REG-MEET		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24

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

DFT-27		Technical Communications							
Prerequisite: None Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture. (Same as ELE/ENE-27)									
38541	DFT-27	Lecture		3	W	07:45AM-10:55AM	IT-125		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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)									
38542	DFT-30	Lecture		3			ON-LINE	F Mirzaei	08/19 - 10/11/24
		Lab			T	06:00PM-09:10PM	ATEC-109		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

DFT-31		Advanced Computer Aided Drafting (cad)							
Prerequisite: DFT-30 or ENE-30 Description: This course focuses on applying advanced AutoCAD skills in the design process to create models, drawings, and related documentation for a variety of applications and industries. Topics include blocks, attributes, external references, solid, mesh, and surface modeling, presentation, and photorealistic rendering. Students develop and apply skills in visualizing, creating, and editing 3D shapes for modeling, testing, rapid prototyping, and marketing. The course emphasizes improving productivity and developing modeling and presentation skills. 27 hours lecture and 81 hours lab. (Letter grade or Pass/No Pass option)									
38543	DFT-31	Lecture		3			ON-LINE	F Mirzaei	10/14 - 12/14/24
		Lab			T	06:00PM-09:10PM	ATEC-109		10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

DFT-42		Solidworks I							
Prerequisite: None Advisory: CIS-1A Description: The basic elements of engineering graphics communication are covered in this course with the emphasis on preparation and use of detail and assembly drawings and application of geometric tolerancing (ANSI Y14.5). Interpretation of engineering drawings, representation of threads and fasteners, and assembly drawings using SolidWorks will be included. 27 hours lecture and 81 hours of laboratory. (Same as ENE-42)									
38544	DFT-42	Lecture		3			ON-LINE	F Mirzaei	08/19 - 10/11/24
		Lab			W	06:00PM-09:10PM	ATEC-109		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

DFT-42B		Solidworks II							
Prerequisite: DFT/ENE-42 or prior SolidWorks experience Description: An advanced course in using the three-dimensional parametric solid-modeler SolidWorks. This course is designed to further 3D parametric solid modeling software techniques learned in SolidWorks I. Students will delve deeper into topics that were introduced in the first SolidWorks course such as extruding, sweeping, lofting, shelling, assemblies, and animation. 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)(Same as ENE-42B)									
38545	DFT-42B	Lecture		3			ON-LINE	F Mirzaei	10/14 - 12/14/24
		Lab			W	06:00PM-09:10PM	ATEC-109		10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. 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)									
38546	DFT-51	Lecture		2			ON-LINE	M Dowlatabadi	08/19 - 12/14/24
		Lab			F	06:00PM-07:25PM	REG-MEET		08/19 - 12/14/24

The above is an online section with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Other online applications may be required to complete coursework.

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.)									



SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38547	DFT-52	Lecture Lab		3	T	08:00AM-10:05AM 10:15AM-01:15PM	IT-127 IT-127	G Cordier	08/19 - 12/14/24 08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**DFT-60 Math for Engineering Technology**  
Prerequisite: None. Description: A course in mathematical problems frequently used by students enrolled in the trade and industrial and engineering programs. A review of basic arithmetic, linear measurement, basic algebra, basic plane geometry, trigonometry, and compound angles. 54 hours lecture. (Letter Grade, or Pass/No Pass option.) (same As ENE-60)

38548	DFT-60	Lecture		3	M	11:00AM-02:10PM	IT-125		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

**DFT-62 Basic Fusion 360**  
Prerequisite: None Advisory: CIS-1A Description: The basic elements of engineering graphics communication are covered in this course with the emphasis on preparation and use of detail and assembly drawings and application of geometric tolerancing (ANSI Y14.5). Interpretation of engineering drawings, representation of threads and fasteners, and assembly drawings using Autodesk Fusion 360 will be included. 27 hours lecture and 81 hours lab. (Letter grade or Pass/No Pass option)

38549	DFT-62	Lecture		3			ON-LINE		08/19 - 10/11/24
		Lab			Th	06:00PM-08:05PM	REG-MEET		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24

The above is an online section with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Other online applications may be required to complete coursework.# This is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**DFT-63 Advanced Fusion 360**  
Prerequisite: DFT-62 or DFT-42 Description: Provides theory and hands-on application of the design process, 3D modeling, prototyping, and manufacturing to students with prior modeling experience or coursework. Building upon drafting fundamentals, students develop skill in computer-aided solid modeling, additive manufacturing, and conventional machining processes. Students develop and refine modeling skills, produce prototypes, enhance presentation models, and use simulation and 3D printing tools to solve design problems individually and in teams. Additional topics include problem identification, concept generation, project management, risk reduction, file translation, virtual/augmented reality (VR/AR), quality control, and Computer Numerical Control (CNC). 27 hours lecture and 81 hours lab. (Letter grade or Pass/No Pass option)

38550	DFT-63	Lecture		3			ON-LINE	D Castaneda	10/14 - 12/14/24
		Lab			Th	06:00PM-09:10PM	ATEC-109		10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

## EARLY CHILDHOOD EDUCATION

**EAR-19 Observation and Assessment in Early Childhood Education**  
Prerequisite: None. Advisory: EAR-20 and EAR-24 Description: 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)

38557	EAR-19	Lecture		3	TTh	09:40AM-11:05AM	STOK-E102	M Adams	08/19 - 12/14/24
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The above course is offered off-site at Stokoe Elementary, 4501 Ambs Dr, Riverside. By the first-class meeting, students must have a completed Stokoe Course Clearance Checklist. Students may not access the site until this is completed. Copies of the clearance forms can be obtained by emailing [cte@norccollege.edu](mailto:cte@norccollege.edu)

**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)

38558	EAR-20	Lecture		3			ON-LINE	S Sumiati	08/19 - 12/14/24
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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)

38559	EAR-20	Lecture		3	M	06:00PM-09:10PM	IT-209	A Muller	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38560	EAR-20	Lecture		3			CUSD-ONLN		08/19 - 12/14/24
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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)

38561	EAR-20	Lecture		3	TTh	09:40AM-11:05AM	IT-209		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39361	EAR-20	Lecture		3			ON-LINE	M Adams	08/19 - 12/14/24
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**EAR-24 Introduction to Curriculum**  
Prerequisite: None Description: An overview of knowledge and skills related to providing appropriate curriculum and environments for young children. Students will examine a teacher's role in supporting development and engagement for all young children. Provides strategies for developmentally-appropriate practice based on observation and assessments across the curriculum, including: academic content areas; play, art, and creativity; and development of social-emotional, communication, and cognitive skills. 54 hours lecture. (Letter grade)

38562	EAR-24	Lecture		3			ON-LINE	S Burnett	08/19 - 12/14/24
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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)

38563	EAR-24	Lecture		3	MW	12:45PM-02:10PM	IT-209	R Carreon-Bailey	08/19 - 12/14/24
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**EAR-25 Teaching in a Diverse Society**  
Prerequisite: None Description: Examines the impact of various societal influences on children's development, personal and social identity, and school experiences. Becoming aware of difference and diversity to become culturally competent members of a diverse society. Covers developmentally appropriate, inclusive, culturally relevant, linguistically appropriate and anti-bias, anti-racist approaches. Self-examination and reflection on issues related to social identity, stereotypes, and bias will be explored. 54 hours lecture. (Letter Grade)

38564	EAR-25	Lecture		3	MW	11:00AM-12:25PM	IT-209		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

**EAR-26 Health, Safety and Nutrition**  
Prerequisite: None. Description: An introduction to the laws, regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Covering the mental health, and safety for both children and staff will be identified along with the importance of

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
38565	EAR-26	Lecture		3			ON-LINE		08/19 - 12/14/24
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)									
38566	EAR-28	Lecture		3	TTh	11:15AM-12:40PM	STOK-E102	M Adams	08/19 - 12/14/24
The above course is offered off-site at Stokoe Elementary, 4501 Ambs Dr, Riverside. By the first-class meeting, students must have a completed Stokoe Course Clearance Checklist. Students may not access the site until this is completed. Copies of the clearance forms can be obtained by emailing <a href="mailto:cte@norcocollege.edu">cte@norcocollege.edu</a>									
38567	EAR-28	Lecture		3			ON-LINE	R Carreon-Bailey	08/19 - 12/14/24
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-30 Practicum in Early Childhood Education</b>									
Prerequisite: EAR-20 and EAR-24 and EAR-28 and EAR-42 Description: Students will demonstrate developmentally appropriate early childhood program planning and teaching competencies, under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child-centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning for children from varied backgrounds and experiences. Includes exploration of career pathways, professional development, and teacher responsibilities. 36 hours lecture and 108 hours laboratory. (Letter grade only)									
38569	EAR-30	Lecture		4	M	01:00PM-02:30PM	TBEC-1	S Burnett	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab			MW	08:30AM-12:35PM	TBEC-1		08/19 - 12/14/24
EAR 30 has 108 required lab hours and 36 lecture hours.* Lab Hours can be completed at NC Lab School - Temple Beth El, 2675 Central Avenue, Riverside, OR with prior approval, at your early childhood work site. This site must be a licensed childcare facility, and you need to complete your hours working with children between 2-5 years of age. Permission must be obtained from the site supervisor or director prior to the first day of lab hours for this option to be approved. Please email <a href="mailto:sarah.burnett@norcocollege.edu">sarah.burnett@norcocollege.edu</a> for the required permission document. All students must have current proof of the following immunizations - DTAP, Tb, Measles, and COVID-19. Contact Dr. Burnett for the clearance checklist or get it from the Health Clinic on Campus. The first meeting of the class will be Monday 8/19@ Temple Beth El, in Room 1 from 1-2:30 pm. *Students can attend lecture hours in person or via ZOOM.									
38570	EAR-30	Lecture		4	M	01:00PM-02:30PM	TBEC-1	S Burnett	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab			TTh	08:30AM-12:35PM	TBEC-1		08/19 - 12/14/24
EAR 30 has 108 required lab hours and 36 lecture hours.* Lab Hours can be completed at NC Lab School - Temple Beth El, 2675 Central Avenue, Riverside, OR with prior approval, at your early childhood work site. This site must be a licensed childcare facility, and you need to complete your hours working with children between 2-5 years of age. Permission must be obtained from the site supervisor or director prior to the first day of lab hours for this option to be approved. Please email <a href="mailto:sarah.burnett@norcocollege.edu">sarah.burnett@norcocollege.edu</a> for the required permission document. All students must have current proof of the following immunizations - DTAP, Tb, Measles, and COVID-19. Contact Dr. Burnett for the clearance checklist or get it from the Health Clinic on Campus. The first meeting of the class will be Monday 8/19@ Temple Beth El, in Room 1 from 1-2:30 pm. *Students can attend lecture hours in person or via ZOOM.									
<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)									
38571	EAR-33	Lecture		3			ON-LINE	L Vazquez	08/19 - 12/14/24
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-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)									
38573	EAR-42	Lecture		3	TTh	11:15AM-12:40PM	IT-209		08/19 - 12/14/24
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>									
38574	EAR-42	Lecture		3			CUSD-ONLN	A Muller	08/19 - 12/14/24
The above section is restricted to Norco High School students participating in Norco College's Dual Enrollment Program.									
38575	EAR-42	Lecture		3	W	06:00PM-09:10PM	IT-209	E Cortes	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39364	EAR-42	Lecture		3			ON-LINE	T Oliver	08/19 - 12/14/24
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-43 Children with Challenging Behaviors</b>									
Prerequisite: EAR-19 EAR-20 Description: An overview of the developmental, environmental and cultural factors that impact the behavior of young children, including family stressors, child temperament, violence, attachment disorders, and special needs; and proactive intervention and prevention techniques. Topics include addressing reasons children misbehave, how to carefully observe a child, how to create a positive environment to encourage appropriate behavior, and how to effectively address many types of behaviors including those that are aggressive and antisocial, disruptive, destructive, emotional and dependent. Outside observations required. 54 hours lecture. (Letter grade)									
39365	EAR-43	Lecture		3	MW	09:15AM-10:40AM	IT-209	M Adams	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<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)									
38576	EAR-47	Lecture		3			ON-LINE	M Adams	08/19 - 12/14/24
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>									

## 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)

38577	ECO-4	Lecture		3			ON-LINE	C Rajakone	08/19 - 12/14/24
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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)

38578	ECO-7	Lecture		3	TTh	09:40AM-11:05AM	ATEC-204		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38579	ECO-7	Lecture		3	MW	02:30PM-03:55PM	ATEC-114	A Shotwell	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39420	ECO-7	Lecture		3			ON-LINE		10/14 - 12/14/24
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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 [www.rccd.edu/de](http://www.rccd.edu/de)

### ECO-7H Honors Principles of Macroeconomics

Prerequisite: MAT-52 or qualifying placement level. Limitation on Enrollment (e.g. Performance tryout or audition): Enrollment in the Honors Program. Advisory: MAT-35 Description: Economic theory and analysis as applied to the U.S. economy as a whole. Emphasizes the enhanced exploration of 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. This honors course offers an enriched experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher order critical thinking skills. Students may not receive credit for both ECO-7 and ECO-7H. 54 hours lecture. (Letter grade)

39338	ECO-7H	Lecture		3	TTh	02:30PM-03:55PM	IT-208		08/19 - 12/14/24
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The above section is designed for students in the Honors Program. Canvas and other online applications may be required to complete coursework.

### 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)

38581	ECO-8	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

38582	ECO-8	Lecture		3	MW	12:45PM-02:10PM	ATEC-204	A Shotwell	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38583	ECO-8	Lecture		3	TTh	11:15AM-12:40PM	ATEC-204		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38585	ECO-8	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

## ELECTRICITY

### ELC-71 Residential Electrical Wiring

Prerequisite: None Description: The course introduces students to wiring methods commonly used in residential electrical wiring. Topics include wiring of electrical switches, receptacles, code requirements for kitchen, bathroom, GFI and AFI devices, raceways, and boxes. Laboratory allows students to wire and test sample wall and ceiling sections. 54 hours lecture and 54 hours laboratory.(Letter Grade, or Pass/No Pass option) (Same as ELE-71)

38586	ELC-71	Lecture		4	S	08:00AM-11:10AM	ATEC-119		08/19 - 12/14/24
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		Lab			S	11:40AM-02:50PM	ATEC-119		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

### 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)

38587	ELC-72	Lecture		4	F	08:00AM-11:10AM	ATEC-119	C Keissieh	08/19 - 12/14/24
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		Lab			F	11:40AM-02:50PM	ATEC-119		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

### 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)

38588	ELC-73	Lecture		4	T	06:00PM-09:10PM	IT-124	A Munoz	08/19 - 12/14/24
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		Lab			Th	06:00PM-09:10PM	IT-124		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

### 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)

38589	ELC-74	Lecture		4	MW	06:00PM-07:25PM	IT-124	J Vela	08/19 - 12/14/24
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		Lab			MW	07:35PM-09:00PM	IT-124		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
38590	ELC-75	Lecture		3	F	08:00AM-10:05AM	IT-124		08/19 - 12/14/24
		Lab			F	10:15AM-01:25PM	IT-124		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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)									
38591	ELC-76	Lecture		3	T	06:30PM-07:20PM	IT-202		08/19 - 12/14/24
					Th	06:30PM-07:35PM	IT-202		08/19 - 12/14/24
		Lab			TTh	07:45PM-09:10PM	IT-202		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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)									
38592	ELC-77	Lecture		3	M	07:00PM-07:50PM	IT-202	K Rad	08/19 - 12/14/24
					W	07:00PM-08:05PM	IT-202		08/19 - 12/14/24
		Lab			MW	08:15PM-09:40PM	IT-202		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

## 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)									
38593	ELE-10	Lecture		4	F	08:00AM-11:35AM	IT-202	K Rad	08/19 - 12/14/24
		Lab			F	11:45AM-01:10PM	IT-202		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

ELE-11		DC Electronics							
Prerequisite: None Description: Basic electrical theory including Ohm's Law, the Power Law, the Current and Voltage Laws of Kirchoff, Direct Current (DC) theory, time constants, multimeter measurements, magnetism, electromagnetism, resistors, capacitors, coils, transient analysis and DC Motors, voltage, current, resistance, power, series, parallel and complex series/parallel circuits. 63 hours lecture and 27 hours laboratory.(same as ELC-11) (Letter grade)									
38594	ELE-11	Lecture		4	TTh	02:00PM-03:50PM	REG-MEET		08/19 - 12/14/24
		Lab			T	04:00PM-05:25PM	IT-202		08/19 - 12/14/24

The above a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

ELE-25		Digital Techniques							
Prerequisite: NONE Advisory: ELE-10 or ELE-11 or ELC-77 or ELE-23 Description: Mathematics, number systems and logic circuits as they relate to modern electronic computers and digital systems. Boolean algebra, circuit simplifications and mapping are included. Basic gate and digital circuits (MSI-LSI) will be analyzed and integrated into complete systems. Digital counters, registers, encoders/decoders, converters and timing. 54 hours lecture and 54 hours laboratory. (Letter grade only)									
38595	ELE-25	Lecture		4	S	08:00AM-11:10AM	IT-202	K Rad	08/19 - 12/14/24
		Lab			S	11:40AM-02:50PM	IT-202		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

ELE-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 ENE-27 (Letter grade only)									
38596	ELE-27	Lecture		3	W	07:45AM-10:55AM	IT-125		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

ELE-71		Residential Electrical Wiring							
Prerequisite: None Description: Introduces students to wiring methods commonly used in residential electrical wiring. Topics include wiring of electrical switches, receptacles, code requirements for kitchen, bathroom, GFI and AFI devices, raceways, and boxes. Laboratory allows students to wire and test sample wall and ceiling sections. 54 hours lecture and 54 hours laboratory. Pass/No Pass Letter Grade (Same as ELC-71)									
39396	ELE-71	Lecture		4	S	08:00AM-11:10AM	ATEC-119		08/19 - 12/14/24
		Lab			S	11:40AM-02:50PM	ATEC-119		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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)									
38619	ELE-72	Lecture		4	F	08:00AM-11:10AM	ATEC-119	C Keissieh	08/19 - 12/14/24
		Lab			F	11:40AM-02:50PM	ATEC-119		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38620	ELE-73	Lecture Lab		4	T Th	06:00PM-09:10PM 06:00PM-09:10PM	IT-124 IT-124	A Munoz	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38621	ELE-74	Lecture Lab		4	MW MW	06:00PM-07:25PM 07:35PM-09:00PM	IT-124 IT-124	J Vela	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38622	ELE-75	Lecture Lab		3	F F	08:00AM-10:05AM 10:15AM-01:25PM	IT-124 IT-124		08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38623	ELE-76	Lecture Lab		3	T Th TTh	06:30PM-07:20PM 06:30PM-07:35PM 07:45PM-09:10PM	IT-202 IT-202 IT-202		08/19 - 12/14/24 08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38624	ELE-77	Lecture Lab		3	M W MW	07:00PM-07:50PM 07:00PM-08:05PM 08:15PM-09:40PM	IT-202 IT-202 IT-202	K Rad	08/19 - 12/14/24 08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.									
38597	ELE-400	Lecture Lab		3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-1 JACT-1		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38598	ELE-400	Lecture Lab		3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-2 JACT-2		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38599	ELE-400	Lecture Lab		3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-3 JACT-3		08/19 - 12/14/24 08/19 - 12/14/24
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)									
38600	ELE-402	Lecture Lab		3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-3 JACT-3		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38601	ELE-402	Lecture Lab		3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-1 JACT-1		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38602	ELE-402	Lecture Lab		3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-2 JACT-2		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38603	ELE-404	Lecture Lab		3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-1 JACT-1		08/19 - 12/14/24 08/19 - 12/14/24
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38604	ELE-404	Lecture Lab		3.5	TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-2		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38605	ELE-404	Lecture Lab		3.5	TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-3		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38606	ELE-404	Lecture Lab		3.5	TTh	06:00PM-07:25PM 07:35PM-09:25PM	JACT-4		08/19 - 12/14/24 08/19 - 12/14/24
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								
38607	ELE-406	Lecture Lab		3.5	MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-1		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38608	ELE-406	Lecture Lab		3.5	MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-2		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38609	ELE-406	Lecture Lab		3.5	MW	06:00PM-07:25PM 07:35PM-09:25PM	JACT-3		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38610	ELE-406	Lecture Lab		3.5	MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-4		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38611	ELE-406	Lecture Lab		3.5	S	08:00AM-10:30AM 10:40AM-01:55PM	JACT-1		08/19 - 12/14/24 08/19 - 12/14/24
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.								
38612	ELE-408	Lecture Lab		3.5	TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-4		08/19 - 12/14/24 08/19 - 12/14/24
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.									
38613	ELE-408	Lecture Lab		3.5	S	08:00AM-10:30AM 10:40AM-01:55PM	JACT-2		08/19 - 12/14/24 08/19 - 12/14/24
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-420	Introduction to Sound/Communication Trade Industry Prerequisite: None Limitation on enrollment: Student must be a registered State indentured apprentice Description: An introduction to the sound and communication industry. Students will examine the fundamentals of wiring methods, fastening devices, electrical conductors, circuits, voltage and data communication. Basic math operations will be reviewed and reinforced. Care for breathing and cardiac emergencies along with basic first aid for use on both adults and children. Substance abuse will be addressed. 45 hours lecture and 54 hours laboratory. (Letter Grade) (Same as ELC-420)								
38614	ELE-420	Lecture Lab		3.5	TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-5		08/19 - 12/14/24 08/19 - 12/14/24
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)								
38615	ELE-422	Lecture Lab		3.5	TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-6		08/19 - 12/14/24 08/19 - 12/14/24
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-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)								
38616	ELE-424	Lecture Lab		3.5	TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-7		08/19 - 12/14/24 08/19 - 12/14/24
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.									
ELE-499	Electrician Apprenticeship Work Experience Prerequisite: None Limitation on enrollment: Student must be a State indentured apprentice Description: This course provides students the opportunity to work in the electricians apprenticeship program for the purpose of developing specific skills to meet the goals and objectives of the electricians Joint Apprenticeship and Training Committee (J.A.T.C.). Students complete work experience hours at approved training sites. Students may take up to 16 units total across all work experience course offerings. This course may be taken up to four times when there are new or expanded learning objectives. Only one work experience course may be taken per semester. 60 hours of volunteer work experience (maximum of 240 hours) or 75 hours of paid work experience (maximum of 300 hours) are required for each enrolled unit. (Letter grade) (Same as ELC-499)								
38617	ELE-499	Lecture		1			ON-LINE		08/19 - 12/14/24
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.									
38618	ELE-499	Lecture		1			ON-LINE		08/19 - 12/14/24
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.									

## ENGINEERING

ENE-10	Intro to Engineering								
Prerequisite: None. Description: Explores the branches of engineering, the functions of an engineer, and the industries in which engineers work. Covers the engineering education pathways and explores effective strategies for students to reach their full academic potential. Presents an introduction to the methods and tools of engineering problem solving and design including the interface of the engineer with society and engineering ethics. Develops communication skills pertinent to the engineering profession. 54 hours lecture.(Letter Grade, or Pass/No Pass option.)									
38628	ENE-10	Lecture		3	W	11:00AM-02:10PM	IT-125		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38629	ENE-10	Lecture		3	MW	03:45PM-05:10PM	CENT-437		08/19 - 12/14/24
The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program. Canvas and other online applications may be required to complete coursework.									
ENE-21	Drafting								
Prerequisite: None. Description: Fundamentals of Architectural and Mechanical Engineering drafting including lettering, instruments and their uses, geometric construction, types of projection, freehand drawing, sectioning, dimension, auxiliary views, and pictorial drawing. Recommended for beginners and students with up to one year of drafting in high school. 27 hours lecture and 81 hours laboratory. Same as DFT-21.(Letter Grade, or Pass/No Pass option)									
38630	ENE-21	Lecture		3			ON-LINE	F Mirzaei	08/19 - 12/14/24
		Lab			T	02:00PM-05:10PM	ATEC-109		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
ENE-27	Technical Communications								
Prerequisite: None Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture. (Letter grade only)									
38631	ENE-27	Lecture		3	W	07:45AM-10:55AM	IT-125		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38632	ENE-30	Lecture		3			ON-LINE	F Mirzaei	08/19 - 10/11/24
		Lab			T	06:00PM-09:10PM	ATEC-109		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See 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.)									
38633	ENE-35	Lecture		3	TTh	08:00AM-09:25AM	IT-125		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
ENE-35B	Dynamics								
Prerequisite: ENE-35 and MAT-1B Description: Fundamentals of kinematics and kinetics of particles and rigid bodies. Velocity, acceleration, relative motion, work, energy, impulse, and momentum. Topics include kinematics of particle motion; Newton's second law, work-energy and momentum methods; kinematics of planar motions of rigid bodies; work-energy and momentum principles for rigid body motion; Further development of mathematical modeling and problem-solving. Vector mathematics where appropriate. Introduction to mechanical vibrations. 54 hours lecture. (Letter grade only)									
38634	ENE-35B	Lecture		3	TTh	10:00AM-11:25AM	IT-125		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38635	ENE-41	Lecture		3	M	06:00PM-06:50PM	IT-125		08/19 - 12/14/24
					W	06:00PM-07:05PM	IT-125		08/19 - 12/14/24
		Lab			MW	07:15PM-08:40PM	IT-125		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
ENE-42	SolidWorks I								
Prerequisite: None Advisory: CIS-1A Description: The basic elements of engineering graphics communication are covered in this course with the emphasis on preparation and use of detail and assembly drawings and application of geometric tolerancing (ANSI Y14.5). Interpretation of engineering drawings, representation of threads and fasteners, and assembly drawings using SolidWorks will be included. Same as DFT-42. (Letter grade or Pass/No Pass option)									
38636	ENE-42	Lecture		3			ON-LINE	F Mirzaei	08/19 - 10/11/24
		Lab			W	06:00PM-09:10PM	ATEC-109		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
ENE-42B	SolidWorks II								
Prerequisite: ENE-42 or prior SolidWorks experience Description: An advanced course in using the three-dimensional parametric solid-modeler SolidWorks. Designed to further 3D parametric solid modeling software techniques learned in SolidWorks I. Students will delve deeper into topics that were introduced in the first SolidWorks course such as extruding, sweeping, lofting, shelling, assemblies, and animation. 27 hours lecture and 81 hours laboratory. Same as DFT-42B. (Letter Grade, or Pass/No Pass option.)									
38637	ENE-42B	Lecture		3			ON-LINE	F Mirzaei	10/14 - 12/14/24
		Lab			W	06:00PM-09:10PM	ATEC-109		10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
ENE-48	Programming and Problem-Solving in Matlab								
Prerequisite: MAT-1A Description: Using MATLAB to analyze and solve problems relevant to science and engineering. Introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Content is drawn from practical applications in engineering, physics, and mathematics. 36 hours lecture and 54 hours laboratory. (Letter grade)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38638	ENE-48	Lecture		3	T	06:00PM-06:50PM	IT-127		08/19 - 12/14/24
		Lab			ThS	06:00PM-07:05PM	IT-127		08/19 - 12/14/24
					TTh	07:15PM-08:40PM	IT-127		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**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.)

38639	ENE-51	Lecture		2			ON-LINE	M Dowlatabadi	08/19 - 12/14/24
		Lab			F	06:00PM-07:25PM	REG-MEET		08/19 - 12/14/24

The above is an online section with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Other online applications may be required to complete coursework.

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

38640	ENE-52	Lecture		3	T	08:00AM-10:05AM	IT-127	G Cordier	08/19 - 12/14/24
		Lab			T	10:15AM-01:25PM	IT-127		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**ENE-60 Math for Engineering Technology**  
 Prerequisite: None. Description: A course in mathematical problems frequently used by students enrolled in the trade and industrial and engineering programs. A review of basic arithmetic, linear measurement, basic algebra, basic plane geometry, trigonometry, and compound angles. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

38641	ENE-60	Lecture		3	M	11:00AM-02:10PM	IT-125		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

## ENGLISH

**ENG-1A English Composition**  
 Prerequisite: Eligibility for college-level composition or qualifying placement for ENG 1A. 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)

39277	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

39278	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

39279	ENG-1A	Lecture		4	MW	07:45AM-09:00AM	IT-121		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39280	ENG-1A	Lecture		4	MW	09:15AM-10:30AM	IT-121		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above hybrid section requires concurrent enrollment in ENG-91-38737 and has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39281	ENG-1A	Lecture		4	MW	01:00PM-02:15PM	IT-121		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above hybrid section requires concurrent enrollment in ENG-91-38738 and has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39282	ENG-1A	Lecture		4	MW	04:15PM-05:30PM	IT-206		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39283	ENG-1A	Lecture		4	MW	05:40PM-07:45PM	IT-206		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39284	ENG-1A	Lecture		4	MW	07:45AM-09:00AM	CACT-1		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39285	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

The above online section requires concurrent enrollment in ENG-91-38742. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39286	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

The above online section requires concurrent enrollment in ENG-91-38736. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39287	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

The above online section requires concurrent enrollment in ENG-91-38745. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)



SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39288	ENG-1A	Lecture		4	MW	11:15AM-12:30PM	CACT-1		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39289	ENG-1A	Lecture		4	MW	02:45PM-04:00PM	CACT-1		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39290	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
		The above online section requires concurrent enrollment in ENG-91-38747. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39291	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
		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>							
39292	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
		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>							
39293	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
		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>							
39294	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
		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>							
39295	ENG-1A	Lecture		4	TTh	09:40AM-11:45AM	IT-206		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
		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, (Yolanda.Haro@rccdedu) prior to enrolling. The above hybrid section requires concurrent enrollment in ENG 91-38735 and has an 18-hour laboratory requirement to be completed online. Students must attend class as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39296	ENG-1A	Lecture		4	Th	02:00PM-04:05PM	IT-121		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		The above hybrid section is centered on the Men of Color experience and is intended for students in the Men of Color Scholars Program. See the Men of Color Scholar counselor (daniel.grajeda@rccd.edu) prior to enrolling. The above hybrid section requires concurrent enrollment in ENG-91-38741 and has an 18-hour laboratory requirement to be completed online. Students must attend class in person as scheduled. This section also requires concurrent enrollment in GUI-48-38052 which is a Online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39297	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
		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>							
39298	ENG-1A	Lecture		4	TTh	09:40AM-11:45AM	CACT-1		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
		The above hybrid section requires concurrent enrollment in ENG-91-38744 and has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39299	ENG-1A	Lecture		4			ON-LINE		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
		The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39300	ENG-1A	Lecture		4			ON-LINE		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
		The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39301	ENG-1A	Lecture		4			ON-LINE		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
		The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39302	ENG-1A	Lecture		4			ON-LINE		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
		The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39303	ENG-1A	Lecture		4			ON-LINE		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
		The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39304	ENG-1A	Lecture		4			CCAP-ONLN		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
		The above section is restricted to 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>							
39305	ENG-1A	Lecture		4	Th	09:40AM-11:45AM	IT-121		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							
39306	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
		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>							
39307	ENG-1A	Lecture		4			ON-LINE		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
		The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>							

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39308	ENG-1A	Lecture		4	TTh	04:15PM-06:20PM	IT-121		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39309	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									
39310	ENG-1A	Lecture		4	TTh	06:30PM-08:35PM	IT-121		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39311	ENG-1A	Lecture		4	T	07:20AM-09:25AM	IT-121		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39312	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									
39313	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									
39314	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									
39315	ENG-1A	Lecture		4	Th	07:20AM-09:25AM	IT-121		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39316	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									
39317	ENG-1A	Lecture		4	TTh	02:00PM-04:05PM	IT-206		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39320	ENG-1A	Lecture		4	S	08:00AM-10:00AM	IT-121		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is a hybrid class and will only meet on the following dates: 8/31/24, 9/14/24, 9/28/24, 10/12/24, 10/26/24, 11/9/24, 11/23/24 and 12/7/24. The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39322	ENG-1A	Lecture		4	TTh	02:00PM-04:05PM	LIBR-121		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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(Darnell.Bing@norccollege.edu) prior to enrolling. The above hybrid section requires concurrent enrollment in ENG-91-38741 and has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Concurrent enrollment in GUI-48-37529 is required.									
39323	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									
39324	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a> .									
39326	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									
39327	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									
39329	ENG-1A	Lecture		4	S	10:30AM-12:30PM	IT-121		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is a hybrid class and will only meet on the following dates: 8/31/24, 9/14/24, 9/28/24, 10/12/24, 10/26/24, 11/9/24, 11/23/24 and 12/7/24. The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39330	ENG-1A	Lecture		4	T	09:40AM-11:45AM	IT-121		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39331	ENG-1A	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39332	ENG-1A	Lecture Lab		4			CCAP-ONLN ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above section is restricted to 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>									
39333	ENG-1A	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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>									
39334	ENG-1A	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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	ENG-1A	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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>									
39336	ENG-1A	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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>									
39337	ENG-1A	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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-1AH Honors English Composition</b>									
Prerequisite: Eligibility for college-level composition or qualifying placement for ENG 1A. 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)									
38707	ENG-1AH	Lecture Lab		4	TTh	07:20AM-09:25AM	IT-208 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.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)									
38708	ENG-1B	Lecture Lab		4	MW	09:15AM-10:30AM	CACT-1 ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24 08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38709	ENG-1B	Lecture Lab		4			CCAP-ONLN ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above section is restricted to 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>									
38710	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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>									
38711	ENG-1B	Lecture Lab		4	MW	01:00PM-02:15PM	CACT-1 ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24 08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38712	ENG-1B	Lecture Lab		4	T	04:15PM-06:20PM	IT-206 ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24 08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38713	ENG-1B	Lecture Lab		4	T	06:30PM-08:35PM	IT-206 ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24 08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38714	ENG-1B	Lecture Lab		4	TTh	07:20AM-09:25AM	CACT-1 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38715	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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>									
38716	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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>									
38717	ENG-1B	Lecture Lab		4	T	02:00PM-04:05PM	IT-121 ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24 08/19 - 12/14/24
The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38718	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38719	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 10/11/24 08/19 - 10/11/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38720	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38721	ENG-1B	Lecture Lab		4	TTh	09:40AM-11:45AM	LIBR-121 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above hybrid section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor (sean.davis@norcocollege.edu) prior to enrolling. The above hybrid class has an 18-hour laboratory requirement to be completed online. Students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
38722	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE		10/14 - 12/14/24 10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38723	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE		10/14 - 12/14/24 10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38725	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE		10/14 - 12/14/24 10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38726	ENG-1B	Lecture Lab		4			ON-LINE ON-LINE		10/14 - 12/14/24 10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
<b>ENG-4 Writing Tutor Training</b>									
Prerequisite: ENG-1A or ENG-1AH Description: Designed to prepare students to become peer tutors in the Writing Center. Participants learn specific tutoring techniques and discuss problems, questions, and challenges in tutoring writing. Tutors develop student-centered, non-intrusive tutoring skills that avoid appropriating the text (i.e., becoming a proofreader, editor, or co-author). Topics include theory and practice of tutoring writing, including writing as a process, interpersonal communication techniques, cross-cultural tutoring, group learning, and computer programs applicable to writing instruction. 27 hours lecture and 27 hours laboratory. (TBA option)									
38730	ENG-4	Lecture Lab		2			LIBR-110 LIBR-110		08/19 - 12/14/24 08/19 - 12/14/24
The above section is a short term online class. In addition to online instruction, students are expected to complete in-person observations of tutoring sessions and synchronous online conferences with the instructor. Observation and conference times will be arranged with the instructor. Contact the instructor for additional information. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
<b>ENG-7 British Literature II: Romanticism through Modernism/Post-Modernism</b>									
Prerequisite: ENG-50 or ENG-80 or eligibility for ENG-1A Advisory: ENG-1B or ENG-1BH Description: A survey of British literature from 1800 to the present, including a comprehensive exposure to the poetry, drama, and fiction of this era as well as a basic understanding of the cultural, intellectual, and artistic trends it embodies. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)									
39366	ENG-7	Lecture		3	MW	12:45PM-02:10PM	IT-206		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>ENG-8 Introduction to Mythology</b>									
Prerequisite: Eligibility for college-level composition or qualifying placement for ENG 1A Advisory: ENG-1B or ENG-1BH Description: Analyzes myths from various time periods, geographic locations, and cultural settings. 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)									
38732	ENG-8	Lecture		3	MW	12:45PM-02:10PM	IT-211		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>ENG-9 Introduction to Shakespeare</b>									
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.)									
39367	ENG-9	Lecture		3	MW	11:10AM-12:35PM	IT-206		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>ENG-11 Creative Writing</b>									
Prerequisite: ENG-1A or ENG-1AH Description: Studies in fundamental principles and practice of writing fiction, poetry, and nonfiction. Lectures and discussions emphasize analysis of professional examples of creative writing drawn from multiple historical and cultural traditions as well as the 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.)									
38643	ENG-11	Lecture		3	TTh	02:30PM-03:55PM	IT-206		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>ENG-20 Survey of African American Literature</b>									
Prerequisite: None Advisory: ENG-1B or ENG-1BH Description: A survey of African American literature from the early oral tradition to the present. Includes a comprehensive exposure to African American prose, poetry, and fiction and an introduction to the social, intellectual and artistic trends of Native American culture and their relationship to contemporary literature. Students who have taken both ENG-21 and ENG-22 may not receive credit for ENG-20. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
39355	ENG-20	Lecture		3	W	02:30PM-03:55PM	LIBR-121 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above section is a hybrid class and will only meet on the following dates: 8/21/2024, 9/4, 9/18, 10/2, 10/16, 10/30, 11/13 and 12/4. Computer with Internet access required. See www.rccd.edu/de									
<b>ENG-25 Latinx Literature of the United States</b>									
Prerequisite: None Advisory: ENG-1B or ENG-1BH Description: Latinx literature of the regional United States in all genres from the early oral traditions, chronicles, and epic poems of the 15th through 19th centuries to the essays, poems, plays, and novels of 20th century authors. The course will also explore Latinx history, culture, and identity as expressed in the writings of American Latinx writers. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)									
38728	ENG-25	Lecture		3	MW	09:15AM-10:40AM	LIBR-121		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
ENG-35		Women in Literature							
Prerequisite: None Advisory: ENG-1B or ENG-1BH Description: A study of images of women in literature which includes male and female authors and explores the cultural, sociological, political, and economic bases for historical and contemporary literary images of women. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)									
39356	ENG-35	Lecture		3	MW	09:15AM-10:40AM	IT-206		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

ENG-40		World Literature I: From Ancient Literatures to the Seventeenth Century							
Prerequisite: ENG-50 or ENG-80 or qualification for ENG 1A. Advisory: ENG-1B or ENG-1BH Description: Significant works of world literature from Ancient literatures to the Seventeenth Century, including a comprehensive exposure to the poetic, dramatic, and prose forms of early cultures as well as a basic understanding of the cultural, intellectual, and artistic trends these works embody. Primary emphasis is on literature in translation. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)									
39363	ENG-40	Lecture		3	W	02:30PM-03:55PM	LIBR-121		08/19 - 12/14/24
ON-LINE									
08/19 - 12/14/24									

The above section is a hybrid class and will only meet on the following dates: 8/28/2024, 9/11, 9/25, 10/9, 10/23, 11/6, 11/20 and 12/11. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

ENG-91		Academic Support for English 1							
Prerequisite: None Corequisite: ENG-1A Description: Limited to students concurrently enrolled in a co-requisite English 1A class, English 91 provides students with additional support for English 1A. This 2-unit class offers additional instruction and practice in reading strategies, writing process, sentence craft, meta-cognitive reflection, and strategies for college success and using college resources. 36 hours lecture. (Non-degree credit course. Pass/No Pass only.)									
38735	ENG-91	Lecture		2	T	11:55AM-12:45PM	IT-206		08/19 - 12/14/24
Th 11:55AM-01:00PM IT-206									
08/19 - 12/14/24									

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, (Maria.Jurado@norccollege.edu) prior to enrolling. The above section requires concurrent enrollment in ENG-1A-39295. 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. Canvas and other online applications may be required to complete coursework.

38736	ENG-91	Lecture		2			ON-LINE		08/19 - 12/14/24
The above online section requires concurrent enrollment in ENG-1A-39286. 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>									

38737	ENG-91	Lecture		2	M	10:40AM-11:30AM	IT-121		08/19 - 12/14/24
W 10:40AM-11:45AM IT-121									
08/19 - 12/14/24									

The above section requires concurrent enrollment in ENG-1A-39280. 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. Canvas and other online applications may be required to complete coursework.

38738	ENG-91	Lecture		2	M	02:25PM-03:15PM	IT-121		08/19 - 12/14/24
W 02:25PM-03:30PM IT-121									
08/19 - 12/14/24									

The above section requires concurrent enrollment in ENG-1A-39281. 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. Canvas and other online applications may be required to complete coursework.

38741	ENG-91	Lecture		2			ON-LINE		08/19 - 12/14/24
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The above online section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor (Darnell.Bing@norccollege.edu) prior to enrolling. The above online section requires concurrent enrollment in ENG-1A-39322. ENG-91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG-1A in a single term. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38742	ENG-91	Lecture		2			ON-LINE		08/19 - 12/14/24
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The above online section requires concurrent enrollment in ENG-1A-39285. ENG-91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG-1A in a single term. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38743	ENG-91	Lecture		2			ON-LINE		08/19 - 12/14/24
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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 (daniel.grajeda@rccd.edu) prior to enrolling. This online section requires concurrent enrollment in ENG-1A-39296 and concurrent enrollment in GUI-48-38052. ENG-91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG-1A in a single term. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38744	ENG-91	Lecture		2	T	11:55AM-12:45PM	CACT-1		08/19 - 12/14/24
Th 11:55AM-01:00PM CACT-1									
08/19 - 12/14/24									

The above section requires concurrent enrollment in ENG-1A-39298. 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. Canvas and other online applications may be required to complete coursework.

38745	ENG-91	Lecture		2			ON-LINE		08/19 - 12/14/24
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The above online section requires concurrent enrollment in ENG-1A-39287. ENG-91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG-1A in a single term. For more information please speak with your counselor. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38747	ENG-91	Lecture		2			ON-LINE		08/19 - 12/14/24
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The above online section requires concurrent enrollment in ENG-1A-39290. ENG-91 is a co-requisite support course designed to offer extra support and class time for students to complete ENG-1A in a single term. For more information please speak with your counselor. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

## 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.)									
38751	ESL-46	Lecture		5	MW	06:30PM-09:00PM	IT-211	L Tougas	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

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.)									
38752	ESL-47	Lecture		5	MW	06:30PM-09:00PM	IT-110	D Tougas	08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38753	ESL-48	Lecture Lab		5			ON-LINE ON-LINE	M Shirinian	08/19 - 12/14/24 08/19 - 12/14/24

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

**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.

38754	ESL-49	Lecture Lab		5	TTh	09:15AM-10:50AM	IT-211 ON-LINE ON-LINE	M Shirinian	08/19 - 12/14/24 08/19 - 12/14/24 08/19 - 12/14/24
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The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**ESL-50 Advanced American College English**  
 Prerequisite: ESL-49 or ESL-849 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at an advanced level to prepare students to enter English 1A. Students will produce a minimum of 6,000 words of instructor-evaluated writing with an emphasis on expository essay writing in response to advanced readings from various sources and a novel. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter grade only)

38755	ESL-50	Lecture Lab		5	TTh	10:55AM-12:30PM	IT-211 ON-LINE ON-LINE	M Shirinian	08/19 - 12/14/24 08/19 - 12/14/24 08/19 - 12/14/24
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The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

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

39372	ESL-92	Lecture Lab		3			ON-LINE ON-LINE	M Shirinian	08/19 - 12/14/24 08/19 - 12/14/24
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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)

## 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)

38749	ENP-51	Lecture Lab		3	W	01:00PM-04:10PM	ATEC-109 ON-LINE	A Martin	10/14 - 12/14/24 10/14 - 12/14/24
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The above is a short term hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38750	ENP-51	Lecture		3			ON-LINE	A Martin	08/19 - 12/14/24
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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)

## 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 activists, 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)

38762	ETS-1	Lecture		3			ON-LINE	N Quinones	08/19 - 12/14/24
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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)

38763	ETS-1	Lecture		3	W	02:30PM-03:55PM	IT-108 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
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The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38764	ETS-1	Lecture		3			ON-LINE	N Quinones	08/19 - 12/14/24
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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)

38765	ETS-1	Lecture		3			ON-LINE	N Quinones	08/19 - 12/14/24
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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-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 African Americans 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)

38767	ETS-3	Lecture		3			ON-LINE	N Quinones	08/19 - 12/14/24
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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

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
39245	ETS-7	Lecture		3	M	02:30PM-03:55PM	IT-108 ON-LINE	N Quinones	08/19 - 12/14/24 08/19 - 12/14/24

The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

## FRENCH

FRE-1	French 1								
Prerequisite: None. Description: Develops basic skills in listening, reading, speaking, and writing. Emphasis on acquisition of vocabulary, structures, and grammatical patterns necessary for comprehension of native spoken and written French at the beginning level. Includes discussion of French culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)									
38768	FRE-1	Lecture		5			ON-LINE	A Smith	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24

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

## GAME DEVELOPMENT

GAM-1	Business of Video Games								
Prerequisite: None Description: An introduction to the field of game development. Students will explore the job market, career paths and business aspects of game development professionals. 54 hours lecture.									
38769	GAM-1	Lecture		3			ON-LINE	J Finley	08/19 - 12/14/24
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>									
38770	GAM-1	Lecture		3			JVHS-ONLN	J Finley	08/19 - 12/14/24
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program and is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38771	GAM-1	Lecture		3	T	08:00AM-09:25AM	STEM-115 ON-LINE	J Finley	08/19 - 12/14/24 08/19 - 12/14/24

The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

GAM-2	History of Video Games (formerly Gam-21)								
Prerequisite: None Description: A comprehensive study of the evolution of video games, including their technological and artistic antecedents, with analysis of how video games reflect the beliefs, aspirations and values of the cultures where they flourish. Study includes gameplay experience and analysis of notable game genres, identifying significant artistic and technological innovations. 54 hours lecture. (Letter grade)									
38772	GAM-2	Lecture		3			ON-LINE	J Finley	08/19 - 12/14/24
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>									
38773	GAM-2	Lecture		3			CAVA-ONLN	B Kenney	08/19 - 12/14/24
The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only. The section is an online class. Computer internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38774	GAM-2	Lecture		3	Th	08:00AM-09:25AM	STEM-115 ON-LINE	J Finley	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38775	GAM-2	Lecture		3	T	02:30PM-03:55PM	STEM-115 ON-LINE	J Coverdale	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

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.									
38776	GAM-3A	Lecture		3			ON-LINE	D Capps	08/19 - 12/14/24
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>									
38777	GAM-3A	Lecture		3	T	09:40AM-11:05AM	STEM-115 ON-LINE	D Capps	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

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.									
38778	GAM-4A	Lecture		3	T	11:15AM-12:40PM	STEM-115 ON-LINE	D Capps	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38779	GAM-4A	Lecture		3			ON-LINE	T Tomey	08/19 - 12/14/24
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>									

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.									
38780	GAM-5A	Lecture		3			ON-LINE	J Clendenning	08/19 - 12/14/24
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>									
38781	GAM-5A	Lecture		3	Th	09:40AM-11:05AM	STEM-115 ON-LINE	J Clendenning	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

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.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38782	GAM-6A	Lecture		3			ON-LINE	J Clendenning	08/19 - 12/14/24
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>									
38783	GAM-6A	Lecture		3	Th	11:15AM-12:40PM	STEM-115 ON-LINE	J Clendenning	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

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)									
38784	GAM-7	Lecture		3			ON-LINE	J Clendenning	08/19 - 12/14/24
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>									

## 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)									
38785	GEG-1	Lecture		3	MW	12:45PM-02:10PM	ATEC-205	S Justice	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38786	GEG-1	Lecture		3	TTh	09:40AM-11:05AM	ATEC-205	A Marquis	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38787	GEG-1	Lecture		3			ON-LINE	A Marquis	08/19 - 12/14/24
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>									
38788	GEG-1	Lecture		3			ON-LINE	S Justice	08/19 - 12/14/24
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>									
38789	GEG-1	Lecture		3			ON-LINE	A Marquis	08/19 - 12/14/24
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>									
38790	GEG-1	Lecture		3			ON-LINE	E Ogbuchiekwe	08/19 - 12/14/24
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>									
39266	GEG-1	Lecture		3			ON-LINE	A Marquis	08/19 - 09/27/24
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>									

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.									
38792	GEG-1H	Lecture		3			ON-LINE	S Justice	08/19 - 12/14/24
The above section is designed for students in the Honors 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>									

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.									
38793	GEG-1L	Lab		1	MW	02:30PM-03:55PM	ATEC-205	S Justice	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38794	GEG-1L	Lab		1	TTh	11:15AM-12:40PM	ATEC-205	A Marquis	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38795	GEG-1L	Lab		1			ON-LINE	A Marquis	08/19 - 12/14/24
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>									
38796	GEG-1L	Lab		1			ON-LINE	A Marquis	08/19 - 12/14/24
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>									
38797	GEG-1L	Lab		1			ON-LINE	E Ogbuchiekwe	08/19 - 12/14/24
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>									
38799	GEG-1L	Lab		1			ON-LINE	R Christov	08/19 - 12/14/24
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>									

GEG-2		Human Geography							
Prerequisite: None. Description: The geographic analysis of the human imprint on the planet. A study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions emphasizing demography, languages, religions, urbanization, landscape modification, political units and nationalism, economic systems and development. Emphasis is given to interrelationships between human activities and the biophysical environment. 54 hours lecture. (Letter Grade)									
39267	GEG-2	Lecture		3			ON-LINE	R Christov	08/19 - 12/14/24
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>									

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)									
38800	GEG-3	Lecture		3			ON-LINE	S Justice	08/19 - 12/14/24
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>									

## 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									



SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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.									
38801	GUI-45	Lecture		1	F	09:30AM-10:20AM	IT-108	A Kramer	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38802	GUI-45	Lecture		1			ON-LINE	A Kramer	08/19 - 12/14/24
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>									
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.)									
38803	GUI-46	Lecture		1			ON-LINE	B Quintanar	08/19 - 10/11/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38804	GUI-46	Lecture		1			ON-LINE	B Quintanar	10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
GUI-47	Career Exploration and Life Planning								
Prerequisite: None Description: In depth career and life planning: Topics include extensive assessment of one's values, skills, interest, abilities, opportunities, and personality; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; and exploration of career opportunities based on personal attributes and goals. An intensive focus on 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 a career change or who are undecided about the selection of a college major. 54 hours lecture. (Letter grade only)									
38805	GUI-47	Lecture		3			ON-LINE	J Moore	08/19 - 12/14/24
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>									
38806	GUI-47	Lecture		3	MW	02:30PM-03:55PM	WEQ-W6B		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38807	GUI-47	Lecture		3			ON-LINE	J Moore	08/19 - 12/14/24
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	GUI-47	Lecture		3	W	06:30PM-07:55PM	IT-208		08/19 - 12/14/24
ON-LINE The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38809	GUI-47	Lecture		3	MW	11:00AM-12:25PM	IT-211		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38810	GUI-47	Lecture		3			ON-LINE	J Midgett	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38811	GUI-47	Lecture		3	TTh	09:40AM-11:05AM	ATEC-109		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38812	GUI-47	Lecture		3	MW	09:15AM-10:40AM	HUM-102		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38813	GUI-47	Lecture		3	TTh	08:00AM-09:25AM	WEQ-W4		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38814	GUI-47	Lecture		3			CCAP-ONLN		08/19 - 12/14/24
The above section is restricted to the 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>									
38815	GUI-47	Lecture		3	TTh	11:30AM-12:55PM	LIBR-109		08/19 - 12/14/24
The above section is designed for the Puente Community. Please see the Puente Counselor ( <a href="mailto:yolando.haro@rccd.edu">yolando.haro@rccd.edu</a> ) in the Counseling Department prior to enrolling.									
38819	GUI-47	Lecture		3	TTh	11:20AM-12:45PM	WEQ-W6B		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38820	GUI-47	Lecture		3			CCAP-ONLN		08/19 - 12/14/24
The above section is restricted to the 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>									
38821	GUI-47	Lecture		3			CCAP-ONLN	A Moreno	08/19 - 12/14/24
The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38822	GUI-47	Lecture		3			ON-LINE	J Midgett	08/19 - 12/14/24
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>									
38825	GUI-47	Lecture		3			ON-LINE	J Midgett	08/19 - 12/14/24
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>									
39373	GUI-47	Lecture		3			ON-LINE	A Davis	08/19 - 10/11/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39374	GUI-47	Lecture		3			ON-LINE	A Moreno	10/14 - 12/14/24
The above section is a short Term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39375	GUI-47	Lecture		3			ON-LINE	D Bing	08/19 - 12/14/24
The above section is designed with special emphasis on African American culture. See the Umoja counselor ( <a href="mailto:Darnell.Bing@norcocollege.edu">Darnell.Bing@norcocollege.edu</a> ) prior to enrolling. This section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39378	GUI-47	Lecture		3	TTh	09:40AM-11:05AM	JFK-201	A Davis	08/19 - 12/14/24
The above section is restricted to JFK 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>									
39379	GUI-47	Lecture		3	TTh	08:00AM-09:25AM	JFK-201		08/19 - 12/14/24
The above section is restricted to JFK 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>									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39380	GUI-47	Lecture		3	MW	08:00AM-09:25AM	JFK-201		08/19 - 12/14/24
The above section is restricted to jfk 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>									
39381	GUI-47	Lecture		3	MW	09:40AM-11:05AM	JFK-201		08/19 - 12/14/24
The above section is restricted to JFK 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>									
39382	GUI-47	Lecture		3	TTh	08:00AM-09:25AM	JFK-106		08/19 - 12/14/24
The above section is restricted to JFK 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>									
39383	GUI-47	Lecture		3			ON-LINE	A Moreno	08/19 - 10/11/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
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)									
38826	GUI-48	Lecture		3	M	08:00AM-09:25AM	REG-MEET		08/19 - 12/14/24
ON-LINE									
08/19 - 12/14/24									
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.									
38827	GUI-48	Lecture		3			ON-LINE	A Davis	10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38828	GUI-48	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
38833	GUI-48	Lecture		3	TTh	08:00AM-09:25AM	LIBR-121	D Bing	08/19 - 12/14/24
The above section is designed with special emphasis on African American culture. See the Umoja counselor (Darnell.Bing@norcocollege.edu) prior to enrolling. This section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38834	GUI-48	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
38835	GUI-48	Lecture		3			ON-LINE		08/19 - 12/14/24
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 (daniel.grajeda@rccd.edu) prior to enrolling. The above online section requires concurrent enrollment in ENG-1A-XXXXX and concurrent enrollment in ENG-91-XXXXX. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a> Online Class available 24/7 from start date to end date.									
39388	GUI-48	Lecture		3			CCAP-ONLN		08/19 - 12/14/24
The above section is restricted to the 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>									
39389	GUI-48	Lecture		3			CCAP-ONLN		08/19 - 12/14/24
The above section is restricted to the 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>									

## 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)									
38838	HES-1	Lecture		3	MW	12:45PM-02:10PM	WEQ-W3	T Wallstrom	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38839	HES-1	Lecture	ZTC	3			ON-LINE	S Witmer	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38840	HES-1	Lecture		3			ON-LINE	T Wallstrom	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38841	HES-1	Lecture	ZTC	3	TTh	09:40AM-11:05AM	WEQ-W3	S Witmer	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38842	HES-1	Lecture		3			ON-LINE	T Wallstrom	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38843	HES-1	Lecture		3			ON-LINE	T Wallstrom	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38844	HES-1	Lecture		3			ON-LINE	V Genian	08/19 - 12/14/24
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>									
38845	HES-1	Lecture		3			ON-LINE	R Aguilar	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38846	HES-1	Lecture	ZTC	3			ON-LINE	T Wallstrom	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

## 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)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38848	HIS-1	Lecture		3	TTh	02:00PM-03:25PM	HUM-103	S Kyriakos	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
HIS-2	World History Since 1500								
Prerequisite: None 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. Students may not receive credit for both HIS-2 and HIS-2H. 54 hours lecture. (Letter grade or Pass/No Pass option)									
38850	HIS-2	Lecture		3			ON-LINE	G Marshall	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38851	HIS-2	Lecture		3			CCAP-ONLN	L Pelgone	08/19 - 12/14/24
The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de									
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)									
38853	HIS-6	Lecture		3	TTh	04:10PM-05:35PM	HUM-103	C Delgadillo	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38854	HIS-6	Lecture		3	MW	09:15AM-10:40AM	HUM-103	H Vion	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38855	HIS-6	Lecture		3			ON-LINE	T Russell	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38856	HIS-6	Lecture		3			ON-LINE	G Marshall	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38857	HIS-6	Lecture		3			ON-LINE	C Delgadillo	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39344	HIS-6	Lecture		3	Th	06:00PM-09:10PM	HUM-103	H Vion	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.									
38860	HIS-7	Lecture		3	MW	11:10AM-12:35PM	HUM-103	H Vion	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38861	HIS-7	Lecture		3			ON-LINE	S Kyriakos	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38862	HIS-7	Lecture		3	TTh	11:15AM-12:40PM	HUM-103	S Kyriakos	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38863	HIS-7	Lecture		3			ON-LINE	S Kyriakos	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38864	HIS-7	Lecture		3			ON-LINE	S Kyriakos	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38866	HIS-7	Lecture		3	F	08:00AM-11:10AM	HUM-103	B Baca	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38867	HIS-7	Lecture		3			ON-LINE	D Reina	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38869	HIS-7	Lecture		3			CCAP-ONLN	L Pelgone	08/19 - 12/14/24
The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de									
38870	HIS-7	Lecture		3			CCAP-ONLN	T Knight	08/19 - 12/14/24
The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39348	HIS-7	Lecture		3	TTh	08:00AM-09:25AM	HUM-103	T Russell	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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 is ETS-14) (Letter grade only)									
38849	HIS-14	Lecture		3	TTh	09:40AM-11:05AM	HUM-103	T Russell	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
HIS-26	History of California								
Prerequisite: None Description: A survey of the history of California from the pre-Columbian period to the present, with emphasis on the period since statehood in 1850. 54 hours lecture. (Letter grade)									
39340	HIS-26	Lecture		3			ON-LINE	B Baca	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
HIS-31	Introduction to Chicanx and Latinx Studies								
Prerequisite: None Description: A survey of intersectional and interdisciplinary approaches to introduce students to the range of issues, experiences, and methodologies that form the foundation of Chicanx and Latinx Studies. By considering the relationship between the creation of "Chicanx", "Latinx" and "American" identities, students will critically reconsider									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
		the borders that constitute the U.S. as a political and cultural formation. The course balances depth and breadth in its study of the variety of perspectives and experiences that come to be associated with U.S. Chicana and Latina peoples. Thus, we will analyze the histories of migration and colonialism associated with predominant U.S. Latina sub-groups, such as Mexican Americans/Chicana people and Puerto Ricans, while also centering considerations of the ways in which broader populations with ties to Central America, South America, and the Caribbean play crucial roles in constituting Latinidad. Topics include the U.S./Mexico border and borderlands; immigration, migration, and diaspora; literary and cultural traditions; music and expressive practices; labor and structural inequality; social movements; Latina urbanism; gender and sexuality; political and economic shifts; inter- and intra-group relations; and indigeneity and Blackness in Latinidad. Sources include a range of social science and humanities scholarship. 54 hours lecture. (Same as ETS-2) (Letter grade only)							
39416	HIS-31	Lecture		3	TTh	02:00PM-03:25PM	ATEC-204	C Delgado	08/19 - 12/14/24
		Canvas and other online applications may be required to complete coursework.							

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)								
38852	HIS-34	Lecture		3			ON-LINE	D Reina	08/19 - 12/14/24
		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.								
38877	HUM-4	Lecture		3			ON-LINE	G DeAngelis	08/19 - 12/14/24
		The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a>							

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 skillsanalysis, synthesis, and evaluation. Students may not receive credit for both HUM-4 and HUM-4H. 54 hours lecture.								
39343	HUM-4H	Lecture		3	MW	04:10PM-05:35PM	IT-208	M Bobo	08/19 - 12/14/24
		The above section is designed for students in the Honors Program. Canvas and other online applications may be required to complete coursework.							

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.								
38879	HUM-5	Lecture		3			ON-LINE	G DeAngelis	08/19 - 12/14/24
		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-8	Introduction to Mythology Prerequisite: Eligibility for college-level composition or qualifying placement for ENG 1A Advisory: ENG-1B or ENG-1BH Description: Analyzes myths from various time periods, geographic locations, and cultural settings. 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)								
38880	HUM-8	Lecture		3	MW	12:45PM-02:10PM	IT-211	M Bobo	08/19 - 12/14/24
		Canvas and other online applications may be required to complete coursework.							

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)								
38871	HUM-10	Lecture		3	W	06:00PM-09:10PM	IT-109	D Ketcham	08/19 - 12/14/24
		Canvas and other online applications may be required to complete coursework.							
38872	HUM-10	Lecture		3	MW	11:10AM-12:35PM	IT-110	M Bobo	08/19 - 12/14/24
		Canvas and other online applications may be required to complete coursework.							
38873	HUM-10	Lecture		3			ON-LINE	M Bobo	08/19 - 12/14/24
		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>							
38874	HUM-10	Lecture		3			ON-LINE	M Bobo	08/19 - 12/14/24
		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)								
38876	HUM-16	Lecture		3			ON-LINE	M Bobo	08/19 - 12/14/24
		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>							

## JOURNALISM

JOU-7	Mass Communications Prerequisite: None Advisory: 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. (Letter grade only)								
38882	JOU-7	Lecture		3			ON-LINE	J Vierra	08/19 - 12/14/24
		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.)

38918	KIN-V01	Lab		3	MTWThF	08:00AM-10:05AM	SOCR-PATIO	E Morataya	08/19 - 12/14/24
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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)

38893	KIN-4	Lecture		3	TTh	11:15AM-12:45PM	WEQ-W3	T Wallstrom	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

38894	KIN-4	Lecture	LTC	3			ON-LINE	S Witmer	08/19 - 10/11/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38895	KIN-4	Lecture	LTC	3			ON-LINE	S Witmer	10/14 - 12/14/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38896	KIN-4	Lecture		3			ON-LINE	T Wallstrom	08/19 - 10/11/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

38897	KIN-4	Lecture		3			ON-LINE	T Wallstrom	10/14 - 12/14/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### KIN-10 Introduction to Kinesiology

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

38883	KIN-10	Lecture		3			ON-LINE	R Aguilar	08/19 - 12/14/24
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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)

38884	KIN-10	Lecture		3	MW	02:30PM-03:55PM	WEQ-W3	R Aguilar	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

### 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.)

38919	KIN-V10	Lab		3	MTWThF	08:00AM-10:05AM	SOCR-1	D Rea	08/19 - 12/14/24
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The above section is Varsity Men's Soccer. To enroll please contact the coach.

### KIN-12 Sport Psychology

Prerequisite: None. Description: This course links research in sport psychology with techniques to implement the research in real world settings. This course describes, explains, and applies sport psychology concepts and theories to practical experiences. 54 hours lecture. (Letter grade only)

39248	KIN-12	Lecture		3			ON-LINE	N Hightower	08/19 - 12/14/24
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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)

### 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.)

38920	KIN-V12	Lab		3	MTWThF	06:00AM-08:05AM	SOCR-PATIO		08/19 - 12/14/24
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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)

38885	KIN-16	Lecture	ZTC	3	Th	02:00PM-04:30PM	WEQ-W3	K Blank	08/19 - 12/14/24
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		Lab			Th	04:45PM-06:10PM	WEQ-W3		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

### 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.)

38921	KIN-V25	Lab		3	MTWThF	10:10AM-12:15PM	SOCR-1		08/19 - 12/14/24
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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. A \$24 fee for required certificates will be charged to the student and is not covered by CCPG. Fee may be subject to change in the academic year at the discretion of the National Safety Council. 54 hours lecture. (Letter grade only)

38886	KIN-30	Lecture		3	MW	11:10AM-12:35PM	WEQ-W3	S Witmer	08/19 - 10/11/24
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The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38887	KIN-30	Lecture		3	Th	06:30PM-09:40PM	WEQ-W3 ON-LINE	A Gutierrez	10/14 - 12/14/24 10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38888	KIN-30	Lecture		3	MW	11:10AM-12:35PM	WEQ-W3 ON-LINE	S Witmer	10/21 - 12/14/24 10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
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)									
38889	KIN-35	Lecture		3			ON-LINE	D Bednarczyk	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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)									
38890	KIN-36	Lecture		3			ON-LINE	R Aguilar	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38891	KIN-36	Lecture		3			ON-LINE	R Aguilar	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
KIN-A37	Self-Defense								
Prerequisite: None Description: This physical activity course covers safety, defense, techniques, and practical applications of skills for self-defense, psychological defenses, and assertiveness training in a technical and practical framework. Strikes, kicks, blocks, take downs, take down defense, throws, sweeps, ground fighting, and core strengthening will be covered. 54 hours lecture.(Pass/No Pass, Letter grade)									
39254	KIN-A37	Lab		1	MW	06:00PM-07:25PM	WEQ-W2	D Namekata	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-38	Stress Management								
Prerequisite: None. Description: The nature,physiology, and psychology of stress. Students will explore perceptions, attitudes, beliefs, and lifestyle factors that may be pre-cursors and contributors to distress. Students will also explore a variety of coping strategies and relaxation techniques. The lab portion of this class provides the opportunity for students to practice techniques and develop a personalized stress management program. 45 hours lecture and 27 hours laboratory. (letter grade only)									
38892	KIN-38	Lecture		3			ON-LINE	N Hightower	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online 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.)									
38898	KIN-A40	Lab		1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A41	Karate, Intermediate								
Prerequisite: None Advisory: KIN-A40 Description: This course in intermediate karate is designed for the student wishing to review basic self defense skills and begin work on higher skills, develop intermediate level skills in unarmed self defense, and learn basic skills in kumite (free fighting). 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38899	KIN-A41	Lab		1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A42	Karate, Advanced								
Prerequisite: None Description: Designed for students wishing to review beginning and intermediate self-defense skills, and begin working on higher, more advanced skills. The focus is on prevention of harm through discipline, confidence of movement and alertness to danger. The advanced level skills taught in unarmed self-defense are an asset to any individual who may be confronted with a potentially harmful situation or circumstance. Participant will also learn more advanced combinations used in kumite (free fighting). 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
39255	KIN-A42	Lab		1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A43	T'ai-chi Ch'uan, Beginning								
Prerequisite: None Description: Covers Beginning and Short Form Yang Style T'ai-chi ch'uan (taijiquan) routines. Beginning T'ai-chi form is a 24 movement routine, to introduce the student to basic walking stances along with hand movements. The Short Form is a 37 movement routine, providing emphasis on balance and fluidity of movement. Students will learn proper posture, relaxation methods, stances, hand and foot motions. Benefits include improved balance, flexibility, coordination, focus, and stress reduction. Supplemental exercises will include stretching methods, ch'i kung (qigong) and Chinese therapeutic exercises. KIN-A40, A41, A43, and A44 are courses related in content and are limited in enrollment according to Title 5, section 55040. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38900	KIN-A43	Lab		1	TTh	11:15AM-02:25PM	WEQ-W2	F Stewart	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39263	KIN-A43	Lab		1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A44	T'ai-chi Ch'uan, Intermediate								
Prerequisite: KIN-A43 Description: A continuation of Yang Style T'ai-chi Ch'uan. Covers more advanced forms and training methods. Students will learn the Yang Style T'ai-chi Ch'uan (taijiquan) 108 movement Long Form. Students will also learn standing and seated meditations, and supplemental exercises. KIN-A40, A41, A43, and A44 are courses related in content and are limited in enrollment according to Title 5, section 55040. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38901	KIN-A44	Lab		1	TTh	11:15AM-02:25PM	WEQ-W2	F Stewart	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39264	KIN-A44	Lab		1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
KIN-A46		Yoga, Beginning							
Prerequisite: None. Description: Beginning 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, KIN-A47, and KIN-A48 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.)									
38902	KIN-A46	Lab		1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38903	KIN-A46	Lab		1	MW	11:10AM-12:35PM	WEQ-W2	L Zank	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A47		Yoga, Intermediate							
Prerequisite: None Advisory: KIN-A46 Description: Intermediate 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 A47, and A48 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.)									
38905	KIN-A47	Lab		1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38907	KIN-A47	Lab		1	MW	11:10AM-12:35PM	WEQ-W2	L Zank	08/19 - 12/14/24
The above is a short term online class. Please note the start and end dates. 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.)									
38908	KIN-A62	Lab		1	MW	11:20AM-12:45PM	SOCR-1	R Aguilar	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.)									
38909	KIN-A75A	Lab		1			ON-LINE	D Bednarczyk	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38910	KIN-A75A	Lab		1			ON-LINE	R Aguilar	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. 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.)									
38911	KIN-A75B	Lab		1			ON-LINE	D Bednarczyk	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38912	KIN-A75B	Lab		1			ON-LINE	R Aguilar	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
KIN-A81A		Cardio and Strength Training, Beginning							
Prerequisite: None Description: An overview of the basic concepts that affect total fitness. Personalized exercise programs in cardiovascular endurance, muscular strength, muscular endurance, and flexibility will be developed. KIN-A81A and A81B are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information see section VIII regarding course repetition. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38913	KIN-A81A	Lab		1	MW	09:15AM-10:40AM	WEQ-W8	R Aguilar	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A81B		Cardio and Strength Training, Intermedia							
Prerequisite: None. Description: Provides nutritional, cardiovascular, strength, flexibility and assessment concepts to enhance the personalized exercise program. KIN-A81A and A81B are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information see section VIII regarding course repetition. 54 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)									
38914	KIN-A81B	Lab		1	MW	09:15AM-10:40AM	WEQ-W8	R Aguilar	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A81C		Cardio and Strength Training, Advanced							
Prerequisite: KIN-A81B Description: Designed to enhance nutritional, cardiovascular, strength and flexibility concepts in order to create and apply a lifelong individual physical fitness program. KIN A81A and A81B and A81C are courses related in content and are limited enrollment according to Title 5, section 55040. For further information see section VIII regarding course repetition. 54 hours laboratory. (Letter grade, or Pass/No Pass option)									
39258	KIN-A81C	Lab		1	MW	09:15AM-10:40AM	WEQ-W8	R Aguilar	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A89A		Beginning Body Sculpting							
Prerequisite: None Description: Students will develop muscular strength and endurance along with flexibility using a variety of hand weights, body bars, elastic bands and exercise balls. Emphasis is placed on safety and proper technique while training basic muscle groups. KIN-A81, A89A, A89B, and A89C 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)									
39260	KIN-A89A	Lab		1	TTh	02:30PM-03:55PM	WEQ-W2		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39261	KIN-A89A	Lab		1	TTh	02:30PM-03:55PM	WEQ-W2		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A89C		Advanced Body Sculpting							
Prerequisite: KIN-A89B Description: Students will develop personal and nutritional lifetime fitness goals and create a lifetime fitness plan. Muscular strength, cardiovascular endurance, flexibility and aerobic fitness will be developed and assessed. Emphasis will be placed on safety, proper body alignment and major and minor muscle groups. KIN-A81, A89A, A89B, and A89C 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)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39262	KIN-A89C	Lab		1	TTh	02:30PM-03:55PM	WEQ-W2		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38916	KIN-A90A	Lab		1	TTh	12:45PM-02:10PM	WEQ-W8	V Genian	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A90B	Weight Training - Intermediate								
Prerequisite: KIN-A90A Description: Weight training course for students who have a basic background in weight lifting. Emphasis is placed on furthering strength development, cardiovascular endurance and flexibility. 54 hours laboratory. (Letter grade only)									
38917	KIN-A90B	Lab		1	TTh	12:45PM-02:10PM	WEQ-W8	V Genian	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
KIN-A90C	Weight Training - Advanced								
Prerequisite: KIN-A90B Description: Weight training course for students who have an extensive background in weight lifting. Emphasis is placed on strength development, cardiovascular endurance and flexibility. 54 hours laboratory. (Letter grade only)									
39259	KIN-A90C	Lab		1	TTh	12:45PM-02:10PM	WEQ-W8	V Genian	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.)									
38922	KIN-V94	Lab		1	MTWThF	06:45AM-08:00AM	WEQ-W8	D Rea	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38923	KIN-V94	Lab		1	MTWThF	12:20PM-01:30PM	WEQ-W8		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

## 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.)									
38924	LIB-1	Lecture	ZTC	1			ON-LINE	S Seifried	08/19 - 10/11/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38925	LIB-1	Lecture		1			ON-LINE	D Myers Hyatt	10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

## 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.)									
38926	MAG-44	Lecture		3			ON-LINE		10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
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)									
38927	MAG-47	Lecture		3			ON-LINE	A Martin	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38928	MAG-47	Lecture		3			ON-LINE	A Martin	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
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.)									
38929	MAG-51	Lecture		3			ON-LINE		08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
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.)									
38930	MAG-53	Lecture		3			ON-LINE	E Davalos	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
MAG-56	Hrm: Human Resources Management								
Prerequisite: None. Description: Examines the manager's responsibility for implementing human resources applications involving the selection, training, evaluation, motivation and promotion of personnel. Compares and contrasts alternatives leading to innovative and socially responsible solutions to current employee relations issues with the workplace. 54 hours lecture. (Letter Grade)									
38931	MAG-56	Lecture		3			ON-LINE	E Davalos	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									



## 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.)

38932	MAN-35	Lecture		5			ON-LINE	J Payton	08/19 - 12/14/24
		Lab			TTh	06:00PM-08:15PM	CACT-2		08/19 - 12/14/24

The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

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

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

38933	MAN-55	Lecture		1			ON-LINE		08/19 - 12/14/24
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

MAN-56 CNC Machine Set-Up and Operation

Prerequisite: None Description: Fundamental skills related to the setup and operation of CNC (Computer Numerically Control) machine tools. Students will set up and operate CNC machine tools exposing them to CNC controllers and some CNC manual programming. Students will gain hands-on experience with CNC machine tools. 54 hours lecture and 54 hours laboratory. (Letter grade or Pass/No Pass)

38934	MAN-56	Lecture		4	MW	02:00PM-03:25PM	CACT-2	P Van Hulle	08/19 - 12/14/24
		Lab			MW	03:35PM-05:00PM	CACT-2		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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)

38935	MAN-57	Lecture		3			ON-LINE	P Van Hulle	08/19 - 12/14/24
		Lab			W	06:00PM-09:10PM	IT-127		08/19 - 12/14/24

The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

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.)

38936	MAN-60	Lecture		4	T	06:00PM-09:10PM	ATEC-119	P Van Hulle	08/19 - 12/14/24
		Lab			Th	06:00PM-09:10PM	ATEC-119		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

MAN-61 Robotics for Manufacturing

Prerequisite: None Advisory: CIS-1A Description: Programming and control of robotic systems typically used in industry. 36 hours lecture and 54 hours laboratory. (Letter Grade or Pass/No Pass option.)

38937	MAN-61	Lecture		3	M	06:00PM-08:05PM	CACT-2		08/19 - 12/14/24
					W	06:00PM-09:10PM	CACT-2		08/19 - 12/14/24
		Lab			MW	10:55AM-12:20PM	CACT-2		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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)

38938	MAN-72	Lecture		4	F	08:00AM-11:10AM	ATEC-119		08/19 - 12/14/24
		Lab			F	11:40AM-02:50PM	ATEC-119		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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.)

38939	MAN-73	Lecture		4	T	06:00PM-09:10PM	IT-124	A Munoz	08/19 - 12/14/24
		Lab			Th	06:00PM-09:10PM	IT-124		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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)

38940	MAN-74	Lecture		4	MW	06:00PM-07:25PM	IT-124	J Vela	08/19 - 12/14/24
		Lab			MW	07:35PM-09:00PM	IT-124		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

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)

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38941	MAN-77	Lecture		3	M	07:00PM-07:50PM	IT-202	K Rad	08/19 - 12/14/24
					W	07:00PM-08:05PM	IT-202		08/19 - 12/14/24
		Lab			MW	08:15PM-09:40PM	IT-202		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

## MARKETING

MKT-20	Principles of Marketing								
Prerequisite: None Advisory: BUS-10 Description: Examines the role of marketing as it relates to society and economic development. The course will analyze products, consumer, marketing research and strategic market planning. The course will survey with a global perspective, the selection of target markets as well as the development of the marketing mix place, product, price and promotion. 54 hours lecture.(Letter grade)									
39038	MKT-20	Lecture		3	Th	06:00PM-09:10PM	IT-108	A Smith	08/19 - 10/11/24
							ON-LINE		08/19 - 10/11/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

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.)									
39039	MKT-40	Lecture		3			ON-LINE	A Smith	10/14 - 12/14/24

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

## MATHEMATICS

MAT-1A	Calculus I								
Prerequisite: MAT-10 or MAT-23 or 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)									
38988	MAT-1A	Lecture		4	T	02:00PM-04:30PM	LIBR-108	E Shonoda	08/19 - 12/14/24
					Th	02:00PM-03:30PM	LIBR-108		08/19 - 12/14/24
		Lab			Th	03:40PM-04:30PM	LIBR-108		08/19 - 12/14/24

Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.

38989	MAT-1A	Lecture		4	M	06:30PM-09:00PM	WEQ-W6A		08/19 - 12/14/24
					W	06:30PM-08:00PM	WEQ-W6A		08/19 - 12/14/24
		Lab			W	08:10PM-09:00PM	WEQ-W6A		08/19 - 12/14/24

Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.

38990	MAT-1A	Lecture		4	T	09:40AM-12:10PM	WEQ-W6A	J Frewing	08/19 - 12/14/24
					Th	09:40AM-11:10AM	WEQ-W6A		08/19 - 12/14/24
		Lab			Th	11:20AM-12:10PM	WEQ-W6A		08/19 - 12/14/24

Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.

38991	MAT-1A	Lecture		4	M	09:00AM-11:30AM	WEQ-W6A	S Warsinski	08/19 - 12/14/24
					W	09:00AM-10:30AM	WEQ-W6A		08/19 - 12/14/24
		Lab			W	10:40AM-11:30AM	WEQ-W6A		08/19 - 12/14/24

Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.

38992	MAT-1A	Lecture		4	M	04:00PM-06:30PM	ERHS-C211	K Baccari	08/19 - 12/14/24
					W	04:00PM-05:30PM	ERHS-C211		08/19 - 12/14/24
		Lab			W	05:40PM-06:30PM	ERHS-C211		08/19 - 12/14/24

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

38993	MAT-1A	Lecture		4	T	02:00PM-04:30PM	WEQ-W5		08/19 - 12/14/24
					Th	02:00PM-03:30PM	WEQ-W5		08/19 - 12/14/24
		Lab			Th	03:40PM-04:30PM	WEQ-W5		08/19 - 12/14/24

Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.

38994	MAT-1A	Lecture		4	M	04:15PM-06:45PM	WEQ-W5	S Warsinski	08/19 - 12/14/24
					W	04:15PM-05:45PM	WEQ-W5		08/19 - 12/14/24
		Lab			W	05:55PM-06:45PM	WEQ-W5		08/19 - 12/14/24

Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.

38995	MAT-1A	Lecture		4	MTW	08:10AM-09:25AM	JVHS-A-10	P Ramirez	08/19 - 12/14/24
		Lab			F	08:35AM-09:25AM	JVHS-A-10		08/19 - 12/14/24

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

38996	MAT-1A	Lecture		4	T	04:00PM-06:30PM	ERHS-C211	T Young	08/19 - 12/14/24
					Th	04:00PM-05:30PM	ERHS-C211		08/19 - 12/14/24
		Lab			Th	05:40PM-06:30PM	ERHS-C211		08/19 - 12/14/24

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

MAT-1AH	Honors Calculus I								
Prerequisite: MAT-10 or MAT-23 or MAT-9 and MAT-36 or qualifying placement Limitation on Enrollment (e.g. Performance tryout or audition): Enrollment in the Honors Program Description: Functions, limits, continuity, techniques and applications of differentiation, the Fundamental Theorem of Calculus, and basic integration. 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 MAT-1A and MAT-1AH. 72 hours lecture and 18 hours laboratory. (Letter Grade or Pass/No Pass option)									
39269	MAT-1AH	Lecture		4	T	09:40AM-12:10PM	IT-108	B Lopez Segoviano	08/19 - 12/14/24
					Th	09:40AM-11:10AM	IT-108		08/19 - 12/14/24
		Lab			Th	11:20AM-12:10PM	IT-108		08/19 - 12/14/24

The above section is designed for students in the Honors Program. Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
MAT-1B		Calculus II							
Prerequisite: MAT-1A Description: Techniques of integration, applications of integration, improper integrals, parametric equations, polar coordinates, infinite sequences and series. 72 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)									
38998	MAT-1B	Lecture		4	T	09:40AM-12:10PM	ATEC-210	B Johnson	08/19 - 12/14/24
		Lab			Th	09:40AM-11:10AM	ATEC-210		08/19 - 12/14/24
					Th	11:20AM-12:10PM	ATEC-210		08/19 - 12/14/24
Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.									
38999	MAT-1B	Lecture		4	M	09:10AM-11:40AM	WEQ-W5	B Johnson	08/19 - 12/14/24
		Lab			W	09:10AM-10:40AM	WEQ-W5		08/19 - 12/14/24
					W	10:50AM-11:40AM	WEQ-W5		08/19 - 12/14/24
Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.									
39000	MAT-1B	Lecture		4	T	02:10PM-04:40PM	ATEC-210	B Lopez Segoviano	08/19 - 12/14/24
		Lab			Th	02:10PM-03:40PM	ATEC-210		08/19 - 12/14/24
					Th	03:50PM-04:40PM	ATEC-210		08/19 - 12/14/24
Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.									
39001	MAT-1B	Lecture		4	M	07:00PM-09:30PM	WEQ-W4	S Borissova	08/19 - 12/14/24
		Lab			W	07:00PM-08:30PM	WEQ-W4		08/19 - 12/14/24
					W	08:40PM-09:30PM	WEQ-W4		08/19 - 12/14/24
Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.									
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 and 18 hours laboratory. (Letter grade or Pass/No Pass option)									
39002	MAT-1C	Lecture		4	M	12:45PM-03:15PM	LIBR-108	J Tousignant	08/19 - 12/14/24
		Lab			W	12:45PM-02:15PM	LIBR-108		08/19 - 12/14/24
					W	02:25PM-03:15PM	LIBR-108		08/19 - 12/14/24
Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.									
39003	MAT-1C	Lecture		4	T	05:40PM-08:10PM	WEQ-W6A	S Borissova	08/19 - 12/14/24
		Lab			Th	05:40PM-07:10PM	WEQ-W6A		08/19 - 12/14/24
					Th	07:20PM-08:10PM	WEQ-W6A		08/19 - 12/14/24
Designated laboratory hours are included in the meeting times for this class. Canvas and other online applications may be required to complete coursework.									
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.)									
39004	MAT-2	Lecture		4	TTh	09:40AM-11:45AM	ATEC-211	S Borissova	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.)									
39009	MAT-3	Lecture		3	MW	12:45PM-02:10PM	WEQ-W4	B Johnson	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.)									
39014	MAT-5	Lecture		4			ON-LINE	J Frewing	08/19 - 12/14/24
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>									
39015	MAT-5	Lecture		4	M	02:30PM-04:35PM	WEQ-W6A	J Mulari	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
Enrollment in the above class requires first enrolling in MAT-105-38946. The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39017	MAT-5	Lecture		4	TTh	02:00PM-04:05PM	WEQ-W6A	J Frewing	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39018	MAT-5	Lecture		4			ON-LINE	J Frewing	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
MAT-9		Bstem College Algebra							
Prerequisite: Intermediate Algebra or Qualifying Placement. Description: College-level algebra for those majoring in business, science, technology, engineering, and mathematics: polynomial, rational, radical, absolute value, exponential, and logarithmic functions and their graphs; systems of equations; theory of polynomial equations; analytic geometry; sequences and series. Students cannot receive credit for MAT-9 if they have already received credit for MAT-10 or MAT-23. 90 hours lecture. (Letter Grade or Pass/No Pass option)									
39020	MAT-9	Lecture		5	F	09:55AM-12:25PM	LIBR-108	L Ting	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
Enrollment in the above class requires first enrolling in MAT-109-38947. The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39021	MAT-9	Lecture		5	MW	04:10PM-05:20PM	ATEC-210	J DeGuzman	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39022	MAT-9	Lecture		5			ON-LINE	B Johnson	08/19 - 12/14/24
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>									
39023	MAT-9	Lecture		5	T	09:40AM-12:10PM	WEQ-W5 ON-LINE	E Chung	08/19 - 12/14/24 08/19 - 12/14/24
Enrollment in the above class requires first enrolling in MAT-109-38948. The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39024	MAT-9	Lecture		5	W	09:30AM-11:00AM	LIBR-108 ON-LINE	H Mai	08/19 - 12/14/24 08/19 - 12/14/24
Enrollment in the above class requires first enrolling in MAT-109-38949. The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39025	MAT-9	Lecture		5	T	05:45PM-08:15PM	ATEC-210 ON-LINE	J DeGuzman	08/19 - 12/14/24 08/19 - 12/14/24
Enrollment in the above class requires first enrolling in MAT-109-38950. The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39026	MAT-9	Lecture		5	TTh	08:15AM-09:25AM	WEQ-W5 ON-LINE	E Chung	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39027	MAT-9	Lecture		5			ON-LINE	E Chung	08/19 - 12/14/24
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>									
39028	MAT-9	Lecture		5			ON-LINE	J Mulari	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
MAT-10		Precalculus							
Students may qualify to take MAT-10 through qualifying placement. 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)									
38944	MAT-10	Lecture		5	MW	06:00PM-08:30PM	ATEC-210	J DeGuzman	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
38951	MAT-11	Lecture		4	M	04:15PM-06:20PM	LIBR-108 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38952	MAT-11	Lecture		4			ON-LINE	E Chung	08/19 - 12/14/24
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>									
38953	MAT-11	Lecture		4			ON-LINE	B Johnson	08/19 - 12/14/24
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: Intermediate Algebra or Qualifying Placement. Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)									
38963	MAT-12	Lecture		4	M	08:00AM-10:05AM	WEQ-W4 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38964	MAT-12	Lecture		4			ON-LINE	J Burke	08/19 - 12/14/24
Enrolling in the above course will require enrolling in MAT-12-38961. 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> .									
38965	MAT-12	Lecture		4			ON-LINE	J DeGuzman	08/19 - 12/14/24
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>									
38966	MAT-12	Lecture		4	T	02:00PM-04:05PM	WEQ-W4 ON-LINE	A Robles	08/19 - 12/14/24 08/19 - 12/14/24
Enrolling in the above course will require enrolling in MAT-112-38959. This is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38967	MAT-12	Lecture		4	MW	06:45PM-08:50PM	LIBR-108	F Mendoza	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
38968	MAT-12	Lecture		4	W	09:00AM-11:05AM	ATEC-211 ON-LINE	S Warsinski	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38969	MAT-12	Lecture		4	T	06:00PM-08:05PM	WEQ-W4 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38970	MAT-12	Lecture		4			ON-LINE	A Robles	08/19 - 12/14/24
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 instructor offers optional live lectures via zoom on Mondays and Wednesdays 3-4:30pm.									
38971	MAT-12	Lecture		4			ON-LINE	B Lopez Segoviano	08/19 - 12/14/24
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>									
38972	MAT-12	Lecture		4			ON-LINE	J Mulari	10/07 - 12/14/24
This is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38973	MAT-12	Lecture		4			ON-LINE	J Mulari	10/07 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38974	MAT-12	Lecture		4	MTThF	07:00AM-08:05AM	ERHS-B306		08/19 - 12/14/24
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. Canvas and other online applications may be required to complete coursework.									
38975	MAT-12	Lecture		4	T	10:35AM-12:40PM	LIBR-108 ON-LINE	A Robles	08/19 - 12/14/24 08/19 - 12/14/24
Enrollment in the above class requires first enrolling in MAT-112-38954. The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38976	MAT-12	Lecture		4	MW	12:45PM-02:50PM	ATEC-210		08/19 - 12/14/24
Enrollment in the above class requires first enrolling in MAT-112-38955. Canvas and other online applications may be required to complete coursework.									
38977	MAT-12	Lecture		4			ON-LINE	J DeGuzman	08/19 - 12/14/24
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>									
38978	MAT-12	Lecture		4	M	12:45PM-02:50PM	ATEC-211 ON-LINE	T Malouf	08/19 - 12/14/24 08/19 - 12/14/24
Enrollment in the above class requires first enrolling in MAT-112-38957. The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38979	MAT-12	Lecture		4	M	03:05PM-05:10PM	ATEC-211 ON-LINE		08/19 - 12/14/24 08/19 - 12/14/24
Enrollment in the above class requires first enrolling in MAT-112-38958. This is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38982	MAT-12	Lecture		4			ON-LINE		08/19 - 12/14/24
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>									
38983	MAT-12	Lecture		4	T	06:00PM-08:05PM	LIBR-108 ON-LINE	L Nguyen	08/19 - 12/14/24 08/19 - 12/14/24
Enrolling in the above course will require enrolling in MAT-112-38956. The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
38984	MAT-12	Lecture		4			ON-LINE	C Hutchings	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See <a href="https://rccd.edu/de">https://rccd.edu/de</a>									
38985	MAT-12	Lecture		4			ON-LINE	C Hutchings	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
<b>MAT-25 Mathematics for the Liberal Arts Student</b>									
Students may qualify to take MAT-25 through qualifying placement. Prerequisite: MAT-42, Intermediate Algebra or qualifying placement level 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. (Letter grade or Pass/No Pass option)									
39005	MAT-25	Lecture		3	MW	11:10AM-12:35PM	LIBR-108	K Baccari	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39006	MAT-25	Lecture		3			ON-LINE	N Alvarado	08/19 - 12/14/24
Enrollment in the above class requires first enrolling in MAT-125-38986. 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>									
39007	MAT-25	Lecture		3			ON-LINE	B Lopez Segoviano	08/19 - 12/14/24
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.									
39008	MAT-25	Lecture		3			ON-LINE	B Lopez Segoviano	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
<b>MAT-36 Trigonometry</b>									
Prerequisite: MAT-9 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)									
39010	MAT-36	Lecture		4			ON-LINE	E Chung	08/19 - 12/14/24
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>									
39011	MAT-36	Lecture		4	MW	02:45PM-04:00PM	WEQ-W5 ON-LINE	A Walid	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39012	MAT-36	Lecture		4	Th	06:30PM-08:35PM	ATEC-210 ON-LINE	T Nguyen	08/19 - 12/14/24 08/19 - 12/14/24
The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
<b>MAT-70A Foundations of Data Science Student</b>									
Prerequisite: Intermediate Algebra or qualifying placement level Description: Basic programming and statistical concepts. Includes programming for data cleansing, manipulation, visualization, and statistical computation for intelligence gathering. Students will apply common built-in language functions for analysis of real-world datasets, including global and local economic data, commercial business, document collections, and social networks. Also delves into machine learning and data driven decision-making using statistical concepts like hypothesis testing, confidence intervals via bootstrapping, regression and inference for regression, and predictive modeling. Students will also learn about social issues surrounding data privacy and ownership. 54 hours lecture and 18 hours laboratory. (Letter grade or Pass/No Pass option)									
39019	MAT-70A	Lecture Lab		3	TTh Th	04:15PM-05:40PM 05:50PM-06:40PM	WEQ-W4 WEQ-W4	C Hutchings	08/19 - 12/14/24 08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>MAT-105 Corequisite Support for Math 5</b>									
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.)									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38946	MAT-105	Lecture		2	W	02:30PM-04:40PM	WEQ-W6A	J Mulari	08/21 - 12/04/24
Enrolling in the above course will require enrolling in MAT-5-39015. The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
<b>MAT-109 Corequisite Support for MAT-9</b>									
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)									
38947	MAT-109	Lecture		1	F	08:45AM-09:50AM	LIBR-108	L Ting	08/23 - 12/06/24
Enrollment in the above class requires first enrolling in MAT-9-39020 This section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
38948	MAT-109	Lecture		1	Th	09:40AM-10:45AM	WEQ-W5	E Chung	08/22 - 12/05/24
Enrollment in the above class requires first enrolling in MAT-9-39023. This section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
38949	MAT-109	Lecture		1	W	08:00AM-09:05AM	LIBR-108	H Mai	08/21 - 12/04/24
Enrollment in the above class requires first enrolling in MAT-9-39024. The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
38950	MAT-109	Lecture		1	T	08:20PM-09:25PM	ATEC-210	J DeGuzman	08/20 - 12/03/24
Enrollment in the above class requires first enrolling in MAT-9-39025. The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
<b>MAT-112 Corequisite Support for Math 12</b>									
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)									
38954	MAT-112	Lecture		2	Th	10:35AM-12:45PM	LIBR-108	A Robles	08/22 - 12/05/24
Enrolling in the above course will require enrolling in MAT-12-38975. The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
38955	MAT-112	Lecture		2	F	12:45PM-02:55PM	ATEC-210		08/23 - 12/06/24
Enrolling in the above course will require enrolling in MAT-12-38976. The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
38956	MAT-112	Lecture		2	Th	06:00PM-08:10PM	LIBR-108	L Nguyen	08/22 - 12/05/24
Enrolling in the above course will require enrolling in MAT-12-38983. The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
38957	MAT-112	Lecture		2	W	12:45PM-02:55PM	ATEC-211	T Malouf	08/21 - 12/04/24
Enrolling in the above course will require enrolling in MAT-12-38978. The above section is a short term class. Please note the start and end dates.									
38958	MAT-112	Lecture		2	W	03:05PM-05:15PM	ATEC-211		08/21 - 12/04/24
Enrolling in the above course will require enrolling in MAT-12-38979. The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
38959	MAT-112	Lecture		2	Th	02:00PM-04:10PM	WEQ-W4	A Robles	08/22 - 12/05/24
Enrolling in the above course will require enrolling in MAT-12-38966. The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
38961	MAT-112	Lecture		2	W	06:00PM-08:10PM	ATEC-211	J Burke	08/21 - 12/04/24
Enrolling in the above course will require enrolling in MAT-12-38964. This section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									
<b>MAT-125 Corequisite Support for Mat-25</b>									
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)									
38986	MAT-125	Lecture		2	T	09:40AM-11:50AM	WEQ-W4	N Alvarado	08/20 - 12/03/24
Enrolling in the above course will require enrolling in MAT-25-39006. The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									

## MUSIC

<b>MUS-3 Fundamentals of Music</b>									
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)									
39053	MUS-3	Lecture		4	M	08:40AM-09:50AM	IT-106	K Kamerin	08/19 - 12/14/24
					WF	08:40AM-09:30AM	IT-106		08/19 - 12/14/24
		Lab			MF	09:50AM-10:40AM	IT-106		08/19 - 12/14/24
		Lab			W	09:30AM-10:40AM	IT-106		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

<b>MUS-5 Music Theory II</b>									
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									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
39066	MUS-5	Lecture		4	M	08:40AM-09:50AM	IT-106	K Kamerin	08/19 - 12/14/24
		Lab			WF	08:40AM-09:30AM	IT-106		08/19 - 12/14/24
		Lab			MF	09:50AM-10:40AM	IT-106		08/19 - 12/14/24
		Lab			W	09:30AM-10:40AM	IT-106		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

#### 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)

39040	MUS-19	Lecture		3	MW	12:45PM-02:10PM	WEQ-W6A	S Son	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39041	MUS-19	Lecture		3			ON-LINE	S Son	08/19 - 12/14/24
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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)

39042	MUS-19	Lecture		3			ON-LINE	E Kim	08/19 - 12/14/24
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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)

39045	MUS-19	Lecture		3	TTh	08:00AM-09:25AM	HUM-102	E Kim	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39046	MUS-19	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

#### 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)

39047	MUS-23	Lecture		3	TTh	02:00PM-03:25PM	IT-211	C Kelly	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39050	MUS-23	Lecture		3			ON-LINE	N Pirozzi	08/19 - 12/14/24
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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)

#### 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)

39052	MUS-25	Lecture		3			ON-LINE	T Walton	08/19 - 12/14/24
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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)

#### 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)

39054	MUS-32A	Lab		1	MW	12:45PM-02:10PM	HUM-101	N Pirozzi	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39055	MUS-32A	Lab		1	TTh	08:00AM-09:25AM	HUM-101	Z Shehata	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

#### 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)

39056	MUS-32B	Lab		1	MW	12:45PM-02:10PM	HUM-101	N Pirozzi	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39057	MUS-32B	Lab		1	TTh	08:00AM-09:25AM	HUM-101	Z Shehata	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

#### 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)

39058	MUS-32C	Lab		1	MW	12:45PM-02:10PM	HUM-101	N Pirozzi	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39059	MUS-32C	Lab		1	TTh	08:00AM-09:25AM	HUM-101	Z Shehata	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

#### 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)

39060	MUS-32D	Lab		1	MW	12:45PM-02:10PM	HUM-101	N Pirozzi	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39061	MUS-32D	Lab		1	TTh	08:00AM-09:25AM	HUM-101	Z Shehata	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

#### 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)

39062	MUS-37	Lab		1	MW	04:30PM-05:55PM	THTR-204	B Palispis	08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
39063	MUS-38	Lab		2			THTR-101	K Kamerin	08/19 - 12/14/24
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 22nd, 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 25th. Nine 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 6 hours each week. For additional information or to schedule an audition, please contact Professor Kamerin at kim.kamerin@norccollege.edu or 951-738-7703. Canvas and other online applications may be required to complete coursework.									
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.									
39064	MUS-39	Lab		3			THTR-101	K Kamerin	08/19 - 12/14/24
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 22nd, 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 25th. Twelve hours of lessons and 6 hours of required performance times will be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for approximately 10 hours each week. For additional information or to schedule an audition, please contact Professor Kamerin at kim.kamerin@norccollege.edu or 951-738-7703. Canvas and other online applications may be required to complete coursework.									
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)									
39065	MUS-41	Lab		2	MWF	11:15AM-12:35PM	THTR-101	K Kamerin	08/19 - 12/14/24
The above section has additional laboratory hours to be arranged. In addition to the time spent in class, students are expected to perform outside of class at various locations throughout the semester. All concert dates and times will be listed on the class syllabus. Contact the instructor for additional information.									
MUS-52		Recital Performance							
Prerequisite: NONE Corequisite: MUS-39 or MUS-79 or or MUS-12 or MUS-P12. Lecture and Lab Are Closely Related and Paired Within the Same Discipline. Limitation on enrollment: High competence in a performance medium Description: Preparation and presentation of a 20-25 minute recital performance. 27 hours laboratory. (TBA option)									
39067	MUS-52	Lab		0.5			THTR-101	K Kamerin	08/19 - 12/14/24
MUS-55		Community Concert Band							
Prerequisite: None. Limitation on enrollment: Audition on or before the first class meeting. Description: Study, rehearsal, and public performance of concert band literature, 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. 54 hours laboratory. (TBA option) (Letter grade only)									
39414	MUS-55	Lab		1	Th	06:30PM-09:40PM	NOHS-H-28	R Mora	08/19 - 12/14/24
The above section is restricted to Norco High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39421	MUS-55	Lab		1	Th	06:30PM-09:40PM	NOHS-H-28	R Mora	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.									
39068	MUS-70	Lab		1	MW	06:30PM-07:55PM	THTR-101	B Palispis	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.									
39074	MUS-P70	Lab		1	MW	06:30PM-07:55PM	THTR-101	B Palispis	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
39069	MUS-78	Lab		2			THTR-101	K Kamerin	08/19 - 12/14/24
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 22nd, 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 25th. Nine 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 6 hours each week. For additional information or to schedule an audition, please contact Professor Kamerin at kim.kamerin@norccollege.edu or 951-738-7703. Canvas and other online applications may be required to complete coursework.									
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.									
39070	MUS-79	Lab		3			THTR-101	K Kamerin	08/19 - 12/14/24
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 22nd, 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 25th. Twelve hours of lessons and 6 hours of required performance times will be arranged with your instructor. In addition, students are required to practice in the Norco Music practice facilities for approximately 10 hours each week. For additional information or to schedule an audition, please contact Professor Kamerin at kim.kamerin@norccollege.edu or 951-738-7703. Canvas and other online applications may be required to complete coursework.									
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.									



SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
39071	MUS-81	Lab		2	MWF	11:15AM-12:35PM	THTR-101	K Kamerin	08/19 - 12/14/24
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-87	Applied Music Training								
Prerequisite: None 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 54 hours 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. 54 hours laboratory.									
39072	MUS-87	Lab		1			THTR-101	K Kamerin	08/19 - 12/14/24
The above section has a 54-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 22nd, 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 25th. 6 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 3.5 hours each week. For additional information or to schedule an audition, please contact Professor Kamerin at kim.kamerin@norcocollege.edu or 951-738-7703. Canvas and other online applications may be required to complete coursework.									

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.									
39073	MUS-89	Lecture		3			ON-LINE	I Zubizarreta	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									

## 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.									
39032	MIS-1A	Lab		2	MWF	02:15PM-04:20PM	THTR-204	B Kerr	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

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.									
39033	MIS-1B	Lab		2	MWF	02:15PM-04:20PM	THTR-204	B Kerr	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

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.									
39034	MIS-1C	Lab		2	MWF	02:15PM-04:20PM	THTR-204	B Kerr	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

MIS-3	Digital Audio Production 1								
Prerequisite: None Description: This course introduces the techniques and elements of electronic music production. Topics include synthesis, sampling, MIDI sequencing and audio production. Students will create original compositions using electronic music techniques. Students taking this course will complete the official AVID coursework for Pro Tools 101 and 110 and will have the opportunity to obtain AVID Pro Tools User Certification. 54 hours lecture and 54 hours laboratory.									
39035	MIS-3	Lecture		4	F	10:50AM-12:00PM	IT-106		08/19 - 12/14/24
					MW	10:50AM-11:40AM	IT-106	B Kerr	08/19 - 12/14/24
		Lab			F	12:05PM-01:15PM	IT-106		08/19 - 12/14/24
		Lab			MW	11:45AM-12:35PM	IT-106		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39036	MIS-3	Lecture		4			ON-LINE	M Snyder	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

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.									
39037	MIS-7	Lecture		3	T	04:00PM-04:50PM	IT-106	M Snyder	08/19 - 12/14/24
					Th	04:00PM-05:05PM	IT-106		08/19 - 12/14/24
		Lab			TTh	05:10PM-06:35PM	IT-106		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

MIS-11A	Studio Arts Ensemble I								
Prerequisite: None Limitation on enrollment: Audition on or before the first class meeting Description: An ensemble designed for instrumentalists and vocalists interested in the popular music and entertainment industries. This ensemble is open to: singers, guitarists, drummers, bassists, horn players, string players and keyboardists who work collaboratively to study, perform and/or record selected popular musical arrangements. The music studied in this class will be chosen from a diverse body of popular music literature. Subsequent enrollment will provide students an opportunity for additional skill development and competency in the subject area. May be taken a total of two times. 108 hours laboratory. (TBA option)									
39029	MIS-11A	Lab		2	TTh	02:00PM-03:55PM	THTR-101	B Kerr	08/19 - 12/14/24
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. Canvas and other online applications may be required to complete coursework.									

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									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
39030	MIS-11B	Lab		2	TTh	02:00PM-03:55PM	THTR-101	B Kerr	08/19 - 12/14/24
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. Canvas and other online applications may be required to complete coursework.									

MIS-12	Live Sound Reinforcement								
Prerequisite: None Description: This course is an overview of live concert sound reinforcement. This course focuses on the fundamentals of equipment set up and configuration, mixing surfaces, amplifiers, speakers, signal path, signal processing, microphones, monitoring and mixing techniques and acoustics. This course offers opportunities for hands-on experience in troubleshooting, sound checking and mixing live sound. 36 hours lecture and 54 hours laboratory.									
39031	MIS-12	Lecture		3	T	09:40AM-10:45AM	THTR-101	J Numa	08/19 - 12/14/24
					Th	09:40AM-10:30AM	THTR-101		08/19 - 12/14/24
		Lab			TTh	10:50AM-12:15PM	THTR-101		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

## 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.									
39085	PHI-10	Lecture		3	TTh	11:15AM-12:40PM	HUM-102	J Sentmanat	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39086	PHI-10	Lecture		3			ON-LINE	J Sentmanat	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39088	PHI-10	Lecture		3			ON-LINE	J Sentmanat	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									

PHI-11	Critical Thinking and Analytic Writing								
Prerequisite: ENG-1A or ENG-1AH Description: Presents critical thinking as a skillset employed in effectively understanding, evaluating, and constructing written arguments. Develops and enhances the student's ability to identify, analyze, and present arguments beyond the level achieved in English 1A. Topics covered through analysis and writing include the nature of argument, inductive and deductive reasoning, rhetoric, theory of knowledge, and common fallacies. This material will be introduced through the treatment of arguments from significant philosophers of culturally diverse backgrounds, arguments concerning the nature and application of scientific method, and arguments concerning topical social, political, and/or ethical issues. The central focus is instruction and practice in the composition of argumentative essays. Students write a minimum of 5000 words during the course. 54 hours lecture.									
39089	PHI-11	Lecture		3			ON-LINE	M Murphey	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39090	PHI-11	Lecture		3			ON-LINE	L Montes	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39091	PHI-11	Lecture		3	MW	10:10AM-12:35PM	LIBR-109	J Sentmanat	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

PHI-12	Introduction to Ethics								
Prerequisite: None. Description: A survey of the three major subcategories of ethical theory: metaethics, normative ethics and applied ethics. 54 hours lecture.									
39092	PHI-12	Lecture		3	TTh	02:00PM-03:25PM	HUM-102	J Sentmanat	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

PHI-33	Introduction to Social and Political Philosophy								
Prerequisite: None Advisory: PHI-10 or PHI-11 Description: An introduction to issues in social and political philosophy. Discusses both the development of political philosophy in response to varying historical problems and the application of political philosophy to contemporary issues; topics studied include ancient Greek, social contract, communism, and modern political philosophy. 54 hours lecture.									
39339	PHI-33	Lecture		3	MW	12:45PM-02:10PM	LIBR-109	J Sentmanat	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

## PHOTOGRAPHY

PHO-20	Introduction to Digital Photography								
Prerequisite: None Description: Theory and practice in the basic techniques of producing digital photographs with technical and artistic merit. Acquire competency in the use of a digital camera with an emphasis on understanding the relationship of shutter, aperture and focal length. Software utilized may include Adobe Photoshop, Adobe Lightroom and others. Students are required to supply their own digital single lens reflex (SLR) camera with manual controls. 36 hours lecture and 54 hours laboratory. (Letter grade only)									
39094	PHO-20	Lecture		3	W	02:30PM-03:20PM	IT-125	R Ninow	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab			W	03:40PM-05:05PM	IT-125		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									

## PHYSICAL SCIENCE

### 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	TTh	11:15AM-12:40PM	IT-111	B Babi	08/19 - 12/14/24
		Lab			T	02:00PM-05:10PM	HUM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
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)									
39098	PHY-2B	Lecture		4	MW	09:15AM-10:40AM	IT-111	L Owens	08/19 - 12/14/24
		Lab			F	09:00AM-12:10PM	HUM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
PHY-4A		Mechanics							
Prerequisite: None Corequisite: MAT-1A Description: Examines vectors, particle kinematics and dynamics, work and power, conservation of energy and momentum, rotation, oscillations and gravitation. 54 hours lecture and 54 hours laboratory. (Letter grade)									
39099	PHY-4A	Lecture		4	TTh	04:10PM-05:35PM	IT-111	J Barber	08/19 - 12/14/24
		Lab			T	06:00PM-09:10PM	HUM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39100	PHY-4A	Lecture		4	MW	12:45PM-02:10PM	IT-111		08/19 - 12/14/24
		Lab			W	09:00AM-12:10PM	HUM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39102	PHY-4A	Lecture		4	F	09:00AM-12:10PM	IT-111	O Tripathi	08/19 - 12/14/24
		Lab			F	01:00PM-04:10PM	HUM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39103	PHY-4A	Lecture		4	TTh	06:00PM-07:25PM	IT-111		08/19 - 12/14/24
		Lab			Th	02:00PM-05:10PM	HUM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
39104	PHY-4B	Lecture		4	MW	11:10AM-12:35PM	IT-111	L Owens	08/19 - 12/14/24
		Lab			M	01:00PM-04:10PM	HUM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39105	PHY-4B	Lecture		4	TTh	08:00AM-09:25AM	IT-110	D Seidel	08/19 - 12/14/24
		Lab			Th	09:40AM-12:50PM	HUM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39106	PHY-4B	Lecture		4	MW	04:10PM-05:35PM	IT-110	A Moussaoui	08/19 - 12/14/24
		Lab			M	06:00PM-09:10PM	HUM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
39107	PHY-4C	Lecture		4	TTh	08:00AM-09:25AM	IT-111	Y Lee	08/19 - 12/14/24
		Lab			T	09:40AM-12:50PM	HUM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
39095	PHY-10	Lecture		3			ON-LINE	L Owens	08/19 - 12/14/24
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>									
39096	PHY-10	Lecture		3	MW	02:30PM-03:55PM	IT-111		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>POLITICAL SCIENCE</b>									
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)									
39108	POL-1	Lecture		3	MW	09:15AM-10:40AM	IT-122		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39109	POL-1	Lecture		3	Th	06:00PM-09:10PM	STEM-201		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39110	POL-1	Lecture		3	T	11:15AM-12:40PM	IT-108		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39111	POL-1	Lecture		3	TTh	09:40AM-11:05AM	IT-122		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39112	POL-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39113	POL-1	Lecture		3	MW	04:10PM-05:35PM	IT-122		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39114	POL-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39115	POL-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39116	POL-1	Lecture		3			JVHS-ONLN		08/19 - 12/14/24
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39117	POL-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39118	POL-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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	TTh	08:00AM-09:25AM	HUM-111		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39120	POL-1	Lecture		3	Th	11:15AM-12:40PM	IT-108		08/19 - 12/14/24
ON-LINE									
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39121	POL-1	Lecture		3			ON-LINE		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39122	POL-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39123	POL-1	Lecture		3			ON-LINE		10/14 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39246	POL-1	Lecture		3	MW	12:45PM-02:10PM	IT-108		08/19 - 12/14/24
Canvas and other online applications may be required to complete									
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)									
39134	POL-4	Lecture		3	MW	11:10AM-12:35PM	IT-122		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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)									
39249	POL-4H	Lecture		3	MW	12:45PM-02:10PM	IT-208		08/19 - 12/14/24
The above section is designed for students in the Honors Program. Canvas and other online applications may be required to complete coursework.									
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)									
39124	POL-21	Lecture		3	MW	02:30PM-03:55PM	HUM-111		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39125	POL-21	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39126	POL-21	Lecture		3			ON-LINE		08/19 - 12/14/24
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-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)									
39127	POL-23	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39128	POL-23	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39129	POL-23	Lecture		3	TTh	02:30PM-03:55PM	IT-122		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39130	POL-23	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is designed with special emphasis on African American culture. Contact the Umoja counselor (Darnell.Bing@norcocollege.edu) prior to enrolling. This section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39131	POL-23	Lecture		3			ON-LINE		08/19 - 12/14/24
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 <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39132	POL-23	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39133	POL-23	Lecture		3			ON-LINE		10/14 - 12/14/24
The above section is a short term class. Please note the start and end dates. Canvas and other online applications may be required to complete coursework.									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39247	POL-23	Lecture		3	MW	04:10PM-05:35PM	IT-108		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

## 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

39135	PSY-1	Lecture		3	F	08:00AM-11:10AM	IT-109		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39136	PSY-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

39137	PSY-1	Lecture		3	MW	12:45PM-02:10PM	IT-122		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39138	PSY-1	Lecture		3	MW	02:30PM-03:55PM	IT-122		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39139	PSY-1	Lecture		3	TTh	04:10PM-05:35PM	IT-108		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39140	PSY-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

39141	PSY-1	Lecture		3	TTh	09:40AM-11:05AM	IT-109		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39142	PSY-1	Lecture		3	MW	09:15AM-11:05AM	IT-109		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39143	PSY-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

39144	PSY-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

39146	PSY-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

39147	PSY-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

39148	PSY-1	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

39149	PSY-1	Lecture		3			ON-LINE		10/14 - 12/14/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

39150	PSY-1	Lecture		3			ON-LINE		10/14 - 12/14/24
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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 [www.rccd.edu/de](http://www.rccd.edu/de)

39151	PSY-1	Lecture		3			ON-LINE		10/14 - 12/14/24
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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 [www.rccd.edu/de](http://www.rccd.edu/de)

39250	PSY-1	Lecture		3	TTh	02:30PM-03:55PM	IT-108		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

### PSY-1H Honors General Psychology

Prerequisite: None. Limitation on enrollment: Enrollment in the Honors Program. Description: Historical and philosophical antecedents of contemporary psychology; the scientific study of behavior and mental processes as systemized in learning, motivation, emotion, personality, intelligence, and thought. This honors course offers an enriched experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher level critical thinking skills. Students may not receive credit for both PSY-1 and PSY-1H. 54 hours lecture. (Letter grade only)

39253	PSY-1H	Lecture		3	MW	04:10PM-05:35PM	IT-208		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

### PSY-2 Biological Psychology

Prerequisite: PSY-1 Description: The scientific study of brain-behavior relationships and mental processes. Issues addressed include: historical scientific contributions and current research principles for studying brain-behavior associations and mental processes, basic nervous system structure and function, sensory and motor systems, emotion, motivation, 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.

39153	PSY-2	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

39154	PSY-2	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

39155	PSY-2	Lecture		3	TTh	11:15AM-12:40PM	IT-109		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

### 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.

39165	PSY-8	Lecture		3	MW	11:10AM-12:35PM	ATEC-204		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

39166	PSY-8	Lecture		3			ON-LINE		08/19 - 12/14/24
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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)

39167	PSY-8	Lecture		3			ON-LINE		08/19 - 12/14/24
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The above section is an online class. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39168	PSY-8	Lecture		3			ON-LINE		10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
39369	PSY-8	Lecture		3	T	06:00PM-09:10PM	ATEC-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>PSY-9 Developmental Psychology</b>									
Prerequisite: None Description: Examines the prevailing theories and research of developmental psychology and the stages of human development from conception to death. 54 Lecture hours, Letter grade.									
39169	PSY-9	Lecture		3	MW	09:15AM-10:40AM	HUM-111		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39171	PSY-9	Lecture		3	T	06:00PM-09:10PM	HUM-111		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39172	PSY-9	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39173	PSY-9	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39175	PSY-9	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39176	PSY-9	Lecture		3	TTh	08:00AM-09:25AM	IT-109		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39256	PSY-9	Lecture		3	MW	02:45PM-04:10PM	IT-109		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>PSY-10 Personal and Social Adjustment</b>									
Prerequisite: None. Description: An applied biopsychosocial approach to prepare students for a lifelong understanding of themselves as integrated persons, taking into account the influence of culture, ethnicity, gender, and socioeconomic status. Explores opportunities for adjustment and growth in a variety of circumstances, such as family, work, and interpersonal relationships. Topics include personal development through the life cycle, biological, psychological, and social aspects of stress, personal coping skills, interpersonal communication, family relationships, and effective integration of work with leisure. 54 hours lecture. (Letter grade only)									
39252	PSY-10	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
<b>PSY-11 Psychology of Human Sexuality</b>									
Prerequisite: None Description: Explores empirical findings and theories about topics related to human sexuality and intimate relationships from the areas of clinical, developmental, evolutionary, biological, and social psychology. Examines sexual attitudes, values and behaviors in the context of the student's own moral framework, cultural norms, and contemporary society. 54 hours lecture. (Letter grade)									
39152	PSY-11	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
<b>PSY-35 Abnormal Psychology</b>									
Prerequisite: None. Description: Survey of historical and contemporary approaches to diagnosing, understanding, and treating major forms of psychological disorder, including: anxieties, fears, obsessions, psychoses, sexual and personality disorders, disorders of childhood and adolescence. 54 hours lecture. (Letter grade only)									
39157	PSY-35	Lecture		3	TTh	09:40AM-11:05AM	IT-110		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39158	PSY-35	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
<b>PSY-48 Statistics for the Behavioral Sciences</b>									
Prerequisite: MAT-35, MAT-37 or MAT-42 or qualifying placement level Description: Introduction to basic statistical methods and analyses commonly used in behavioral science research. Topics cover both inferential and descriptive statistics including correlations, regression analysis, chi-squares, t-tests, analysis of variance, and an introduction to factorial designs. This course covers the logic of hypothesis testing and emphasizes conceptualization of material and interpreting findings for use in behavioral science research above computation. This course trains students to use a statistical software package used by behavioral science researchers and prepares them to proficiently consume published research in the behavioral sciences. 54 hours lecture.									
39159	PSY-48	Lecture		3	MW	09:15AM-10:40AM	IT-108		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39160	PSY-48	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39161	PSY-48	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
<b>PSY-50 Research Methods in Psychology</b>									
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.									
39162	PSY-50	Lecture		4	MW	12:45PM-02:35PM	IT-109		08/19 - 12/14/24
		Lab			W	11:10AM-12:35PM	IT-109		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39163	PSY-50	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab			T	02:30PM-03:55PM	IT-109		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
39164	PSY-50	Lecture		4			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									

## REAL ESTATE

**RLE-80 Real Estate Principles**  
Prerequisite: None. Description: The real estate principles course covers basic laws and principles of California real estate; fundamentals, terminology, concepts, current practices and current market trends in real estate. Assists those preparing for the real estate sales person and broker license examination. 54 hours lecture. Letter grade.

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39177	RLE-80	Lecture		3			ON-LINE	J Valdez	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39178	RLE-80	Lecture		3			ON-LINE	L Namazi	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
39179	RLE-80	Lecture		3			ON-LINE	L Namazi	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
RLE-81	Real Estate Practices								
Prerequisite: None Description: Covers basic laws and principles of California real estate, terminology and daily operations in a real estate brokerage. Includes listing, prospecting, advertising, financing, sales techniques, escrow and ethics. Applies toward state's educational requirements for the brokers examination. 54 hours lecture.									
39180	RLE-81	Lecture		3			ON-LINE	L Namazi	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
39181	RLE-81	Lecture		3			ON-LINE	J Gonzalez	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
39182	RLE-81	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
RLE-82	Legal Aspects of Real Estate								
Prerequisite: None Description: Covers 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. (Letter grade only)									
39183	RLE-82	Lecture		3			ON-LINE	J Alpay	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
39184	RLE-82	Lecture		3			ON-LINE	J Alpay	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
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)									
39185	RLE-83	Lecture		3			ON-LINE	S Doll	08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
39186	RLE-83	Lecture		3			ON-LINE	S Doll	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
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)									
39187	RLE-85	Lecture		3			ON-LINE	S Doll	10/14 - 12/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

## SOCIAL JUSTICE STUDIES

SJS-110	Introduction to Social Justice Studies Justice								
Prerequisite: None Advisory: ENG-1A Description: An intersectional examination of marginalized identities, including dimensions of race, ethnicity, gender, sexuality, and class in narrative and theoretical texts. Focus is on contemporary socioeconomic, cultural, and political issues in the US in comparative and historical context. Written and oral analysis of critical theories and practices for resistance, transformation, and liberation. 54 hours lecture. (Letter grade or Pass/No Pass)									
39257	SJS-110	Lecture		3			ON-LINE	T Griffith	08/19 - 12/14/24
The above section is an online class. Computer with internet access required. See www.rccd.edu/de									
39371	SJS-110	Lecture		3	Th	06:00PM-09:10PM	IT-109	T Griffith	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

## 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)									
39188	SOC-1	Lecture		3	MW	11:15AM-12:40PM	IT-209		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39189	SOC-1	Lecture		3			ON-LINE	R Cedillo	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39190	SOC-1	Lecture		3			ON-LINE	R Cedillo	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39191	SOC-1	Lecture		3	TTh	08:00AM-09:25AM	IT-122	H Martinez	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39192	SOC-1	Lecture		3	MW	04:10PM-05:35PM	ATEC-204		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39193	SOC-1	Lecture		3	TTh	09:40AM-11:05AM	IT-108	R Cedillo	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39194	SOC-1	Lecture		3			ON-LINE	R Cedillo	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39195	SOC-1	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39196	SOC-1	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39418	SOC-1	Lecture		3			CCAP-ONLN	F Vu	08/19 - 12/14/24
The above section is restricted to the High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.rccd.edu/de									
<b>SOC-2 American Social Problems</b>									
Prerequisite: None Description: Identification and analysis of major social issues confronting contemporary 21st century America; emphasizing, among other topics, urban and rural transformations, family life, race and ethnic relations, gender, sexual orientation, criminal and delinquent behavior. 54 hours lecture. (Letter grade only)									
39204	SOC-2	Lecture		3			ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
<b>SOC-3 Social Inequality</b>									
Prerequisite: None Description: This course introduces students to the extent of inequality in its various forms in American society, the consequences of inequality for individual life chances and for society as a whole, the theoretical explanations given for the existence of inequality, and to the persistence of inequality and poverty. 54 hours lecture. (Letter grade only)									
39207	SOC-3	Lecture		3			ON-LINE	I Jraisat	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
<b>SOC-10 Race And Ethnic Relations</b>									
Prerequisite: None Description: An introduction to the relevant theories and operational definitions that ground the study of race and ethnic relations in the social sciences. Extensive treatment of prejudice, discrimination and the concept of racism. The course brings into sharper focus the history and contemporary status of White ethnics, religious minorities, American-Indians, African-Americans, Hispanic-Americans, and women in the United States. Social institutions, such as family, education, politics, and the economy receive special attention for each group. The similarities and differences in ethnic hostilities between the U.S. and other societies are closely examined. Students may not receive credit for both SOC-10 and 10H. 54 hours lecture. (Letter grade only)									
39198	SOC-10	Lecture		3			ON-LINE	J Fonseca	08/19 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
39200	SOC-10	Lecture		3			ON-LINE	M Ysais	10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
<b>SOC-12 Marriage and Family Relations</b>									
Prerequisite: None Advisory: SOC-1 Description: Examines the major trends in marriage, families, and intimate relationships. Focuses on how inequality and diversity affect intimate and family relations. Discusses the dynamics of inequality among families and couples and how family life is shaped by race and ethnicity, social class, and sexuality. Discusses issues of interpersonal violence, divorce, and life in later years. 54 hours lecture. (Letter grade)									
39201	SOC-12	Lecture		3			ON-LINE	M Ysais	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
<b>SOC-20 Introduction to Criminology</b>									
Prerequisite: None. Description: An introduction to the fundamentals of Criminology; including surveys of the theories of crime, statistical procedures and research methodology, types of crime, criminal etiology, the origins and features of criminal law, the police, courts, and corrections. An analysis of the interrelations between social organization, the perceptions of social harm, and the dynamics of social control. 54 hours lecture. (Letter grade only)									
39206	SOC-20	Lecture		3	T	06:00PM-09:10PM	IT-109	C Johnson	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
<b>SOC-50 Introduction to Social Research Methods</b>									
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.									
39208	SOC-50	Lecture		3	TTh	11:15AM-12:40PM	IT-122	R Cedillo	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

## SPANISH

<b>SPA-1 Spanish 1</b>									
Prerequisite: None Advisory: Completion of placement test to assess level of proficiency in Spanish. Description: Develops basic skills in listening, reading, speaking and writing. Emphasis on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. Includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)									
39209	SPA-1	Lecture		5			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39210	SPA-1	Lecture		5			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									
39211	SPA-1	Lecture		5	TTh	08:00AM-09:35AM	LIBR-109	A Covarrubias	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
39212	SPA-1	Lecture		5	MW	09:15AM-10:50AM	LIBR-109	A Vargas Barragan	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See www.rccd.edu/de									
39215	SPA-1	Lecture		5			ON-LINE	D Voyer	08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
39216	SPA-1	Lecture		5			ON-LINE	V Hernandez Mancera	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See www.rccd.edu/de									



SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39217	SPA-1	Lecture		5	MW	06:00PM-07:35PM	LIBR-109	A Lomeli Gomez	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39218	SPA-1	Lecture		5			ON-LINE	M Godinez Davila	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39219	SPA-1	Lecture		5			ON-LINE		08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									
39220	SPA-1	Lecture		5			ON-LINE	N Guillen	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									

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.)					
39223	SPA-2	Lecture		5			ON-LINE	D Voyer	10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39224	SPA-2	Lecture		5	TTh	09:45AM-11:20AM	LIBR-109	A Covarrubias	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24
The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									
39226	SPA-2	Lecture		5			ON-LINE	A Covarrubias	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									

SPA-3		Spanish 3		Prerequisite: SPA-2 or SPA-2H or qualifying placement level on the Spanish assessment test or the equivalent Description: Development of intermediate skills in listening, reading, speaking and writing. A continued emphasis on the acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written Spanish at the intermediate level. Includes an expanded discussion of Hispanic culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)					
39227	SPA-3	Lecture		5			ON-LINE	I Vejar	08/19 - 12/14/24
		Lab					ON-LINE		08/19 - 12/14/24
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>									

SPA-11		Spanish Culture and Civilization		Prerequisite: None. Description: Introduction to Spain's cultural norms, values, social development and organization as revealed through its complex and unique history. Class conducted in English. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)					
39376	SPA-11	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									

## 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.					
39406	SCA-1	Lecture		3	M	08:00AM-10:05AM	IT-124		08/19 - 12/14/24
		Lab			M	10:15AM-01:25PM	IT-124		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

SCA-10		Industrial Automation 1		Prerequisites: NONE Description: An introduction to the principles of industrial automation technology, including basic functions, techniques, and tools used in warehousing and distribution centers and their role in logistics. Emphasis is placed on developing basic operations and maintenance competencies and introducing warehouse automated distribution center technology. Topics include safety, concepts concerning terminology, and operation of automated machines, tools, troubleshooting, blueprint analysis, measurement, electrical, pneumatic, and sensor operation. 54 hours lecture and 54 hours laboratory. (Same as IAT-10) (Letter grade or Pass/No Pass option)					
39407	SCA-10	Lecture		4	Th	08:00AM-11:10AM	IT-124		08/19 - 12/14/24
		Lab			Th	11:20AM-02:30PM	IT-124		08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

## THEATER ARTS

THE-2		Play Practicum-Special Projects Laboratory I		PREREQUISITE: None. ADVISORY: Acting and production skills desirable. Description: Play production from casting to performance including units in acting, set construction, lighting, costuming, house management, props and make-up on a small scale. Subsequent enrollment will provide additional skill and competency development within the subject matter. May be taken a total of four times. 54 hours laboratory.					
39230	THE-2	Lab		1	TTh	04:10PM-05:35PM	THTR-101	A Jaye	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
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.					
39231	THE-3	Lecture		3			ON-LINE	O Johnston II	08/19 - 12/14/24
The above section is an online class. Computer with Internet access required. See <a href="http://www.rccd.edu/de">www.rccd.edu/de</a>									

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
39232	THE-3	Lecture		3			ON-LINE	O Johnston II	08/19 - 12/14/24
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>									
39233	THE-3	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39234	THE-3	Lecture		3	TTh	02:00PM-03:25PM	IT-110	J Johnson	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									
39235	THE-3	Lecture		3			ON-LINE		08/19 - 12/14/24
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>									
39415	THE-3	Lecture		3	MW	07:45AM-09:10AM	IT-110	A Jaye	08/19 - 12/14/24
Canvas and other online applications may be required to complete coursework.									

## 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).

39237	WKX-200	Lecture		4			ON-LINE	R Wolfer	08/19 - 12/14/24
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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#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
<b>ACCOUNTING</b>									
ACC-801	Setting Up Quickbooks for Small Business								
Prerequisite: None Course Credit Recommendation: Non-Credit Description: Learn the basics of small business bookkeeping using QuickBooks, financial reporting, and how to analyze and record financial transactions. Discusses accounts receivable, accounts payable, payroll procedures, sales taxes and common banking activities. 16 hours lecture. (Pass/No Pass only)									
38212	ACC-801	Lecture		0			ON-LINE	S Schepler	08/19 - 09/14/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
39411	ACC-801	Lecture		0			ON-LINE	S Schepler	09/16 - 10/12/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
ACC-802	Monthly Procedures Using Quickbooks								
Prerequisite: ACC-801 Course Credit Recommendation: Non-Credit Description: Develop and apply monthly procedures used in accounting for small business. Continue to build small business accounting knowledge, gain practical experience working with day to day transactions. Reconcile balance sheet accounts and examine/audit income statement accounts on a monthly basis. Prepare adjusting journal entries. Prepare financial statements. 16 hours lecture. (Pass/No Pass only)									
38213	ACC-802	Lecture		0			ON-LINE	S Schepler	09/16 - 10/12/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
38214	ACC-802	Lecture		0			ON-LINE	S Schepler	10/14 - 11/09/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
ACC-803	Year End Procedures With Quickbooks								
Prerequisite: ACC-802 Course Credit Recommendation: Non-Credit Description: Develop and apply year end procedures used in accounting for small business using QuickBooks. Prepare closing journal entries for year end. Prepare reports for tax accountants. Purge files and prepare for the new year. 16 hours lecture. (Pass/No Pass only)									
38215	ACC-803	Lecture		0			ON-LINE	S Schepler	10/14 - 11/09/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
<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 educate 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)									
38232	ADJ-801	Lecture		0			STEM-301	S Williams	10/22 - 11/02/24
The above section is a short-term class. Please note the start and end dates. Meeting Dates are Tuesday 10/22 05:30-09:30 PM in STEM 301, Saturday 8:00-5:00 PM in STEM 302, Tuesday 10/29 05:30-09:30 PM in STEM 301 and Saturday 11/02 8 AM-4 PM in STEM 302, 200, and 201 As well as a number of outside class hours to be completed online.									
<b>ARCHITECTURE</b>									
ARE-824	Revit I-Architectural Drafting								
Prerequisite: ENE-21 or DFT-21 or ENE-30 or DFT-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. (Letter Grade, or Pass/No Pass option.)									
38274	ARE-824	Lecture		0			ON-LINE	A Nindra	08/19 - 10/11/24
		Lab			M	06:00PM-08:05PM	REG-MEET		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24
The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
ARE-825	Revit II-Advanced Architectural Drafting								
Prerequisite: ARE-824 or ARE-24 or DFT-24 Description: Advanced study of architectural detailing and construction methods, including the preparation of working drawings. Other topics include the development of construction documents, study of the Uniform Building Code, and practice from site selection to completion using advanced Computer Aided Design tools (CAD-Revit II). A completed portfolio is a requirement of the course. 27 hours lecture and 90 hours laboratory.(Letter Grade, or Pass/No Pass option.)									
38275	ARE-825	Lecture		0			ON-LINE	A Nindra	10/14 - 12/14/24
		Lab			M	06:00PM-08:50PM	IT-125	W Brown	10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									
ARE-863	3D Tour, Virtual, Mixed, Augmented And Extended Reality								
Prerequisite: None Advisory: ARE-824 or ARE-24 or CON-62 Description: Introduces concepts of Building Information Modeling (BIM), virtual reality (VR), augmented reality (AR), mixed reality (MR) and extended reality (XR) technologies, to build basic 3D models, scan objects, 360 degree space photography, design and edit 3D tours from various spaces inside and outside buildings as a tool for visual communication, prepare virtual field trip, walkthrough and fly for presentation, and show existing spaces using, scanner, camera, drone, current 3D and BIM software to architects, contractors, realtors, clients, or game developers. 27 hours lecture and 90 hours laboratory. (Letter grade or Pass/No Pass option)									
38276	ARE-863	Lecture		0			ON-LINE	A Farmand	10/14 - 12/14/24
		Lab			M	06:00PM-09:10PM	IT-127		10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24
The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See www.rccd.edu/de									

## DRAFTING

**DFT-830 Computer Aided Drafting (CAD)**  
 Prerequisite: None Advisory: CIS-1A Course Description: A two-dimensional computer aided drafting class for drafters. Students will use an AUTOCAD computer drafting system to develop "computer drawn" drawings, which are typical to the various fields of drafting. 27 hours lecture and 81 hours laboratory. (Letter Grade, or Pass/No Pass option)

38551	DFT-830	Lecture		0			ON-LINE	F Mirzaei	08/19 - 10/11/24
		Lab			T	06:00PM-09:10PM	ATEC-109		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

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

38552	DFT-831	Lecture		0			ON-LINE	F Mirzaei	10/14 - 12/14/24
		Lab			T	06:00PM-09:10PM	ATEC-109		10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**DFT-842 Solidworks I**  
 Prerequisite: None Advisory: CIS-1A Course Description: The basic elements of engineering graphics communication are covered in this course with the emphasis on preparation and use of detail and assembly drawings and application of geometric tolerancing (ANSI Y14.5). Interpretation of engineering drawings, representation of threads and fasteners, and assembly drawings using SolidWorks will be included. 27 hours lecture and 81 hours laboratory. (Letter grade or Pass/No Pass option)

38553	DFT-842	Lecture		0			ON-LINE	F Mirzaei	08/19 - 10/11/24
		Lab			W	06:00PM-09:10PM	ATEC-109		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**DFT-842B Solidworks II**  
 Prerequisite: DFT-42 or ENE-42 or DFT-842 or prior SolidWorks experience. Course Description: An advanced course in using the three-dimensional parametric solid-modeler SolidWorks. Designed to further 3D parametric solid modeling software techniques learned in SolidWorks I. Students will delve deeper into topics that were introduced in the first SolidWorks course such as extruding, sweeping, lofting, shelling, assemblies, and animation. 27 hours lecture and 81 hours laboratory. (Letter Grade, or Pass/No Pass option.)

38554	DFT-842B	Lecture		0			ON-LINE	F Mirzaei	10/14 - 12/14/24
		Lab			W	06:00PM-09:10PM	ATEC-109		10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**DFT-862 Basic Fusion 360**  
 Advisory: CIS-1A Course Description: The basic elements of engineering graphics communication are covered in this course with the emphasis on preparation and use of detail and assembly drawings and application of geometric tolerancing (ANSI Y14.5). Interpretation of engineering drawings, representation of threads and fasteners, and assembly drawings using Autodesk Fusion 360 will be included. 27 hours lecture and 81 hours laboratory. (Letter grade or Pass/No Pass)

38555	DFT-862	Lecture		0			ON-LINE		08/19 - 10/11/24
		Lab			Th	06:00PM-08:05PM	REG-MEET		08/19 - 10/11/24
		Lab					ON-LINE		08/19 - 10/11/24

The above is an online section with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Other online applications may be required to complete coursework. # This is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

**DFT-863 Advanced Fusion 360**  
 Prerequisite: DFT-42 or DFT-62 Course Description: Provides theory and hands-on application of the design process, 3D modeling, prototyping, and manufacturing to students with prior modeling experience or coursework. Building upon drafting fundamentals, students develop skill in computer-aided solid modeling, additive manufacturing, and conventional machining processes. Students develop and refine modeling skills, produce prototypes, enhance presentation models, and use simulation and 3D printing tools to solve design problems individually and in teams. Additional topics include problem identification, concept generation, project management, risk reduction, file translation, virtual/augmented reality (VR/AR), quality control, and Computer Numerical Control (CNC). 27 hours lecture and 81 hours lab. (Letter grade or Pass/No Pass option)

38556	DFT-863	Lecture		0			ON-LINE	D Castaneda	10/14 - 12/14/24
		Lab			Th	06:00PM-09:10PM	ATEC-109		10/14 - 12/14/24
		Lab					ON-LINE		10/14 - 12/14/24

The above is a short term hybrid class; students must attend class in-person as scheduled. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

## ELECTRONICS

**ELE-810 Survey of Electronics**  
 Prerequisite: None Course Description: Basic electronic theory featuring electron-flow, Ohm's, Watt's, and Kirchoff's Laws, analog DC and AC devices, circuits, parameters and equations, diodes, transistors, thyristors, digital logic, integrated circuits, power supplies, amplifiers, oscillators, with laboratory test and measurement equipment. 63 hours lecture and 27 hours laboratory. (Pass/No Pass or Letter Grade)

38625	ELE-810	Lecture		0	F	08:00AM-11:35AM	IT-202	K Rad	08/19 - 12/14/24
		Lab			F	11:45AM-01:10PM	IT-202		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

**ELE-827 Technical Communications**  
 Prerequisite: None Course Description: Basic electronic theory featuring electron-flow, Ohm's, Watt's, and Kirchoff's Laws, analog DC and AC devices, circuits, parameters and equations, diodes, transistors, thyristors, digital logic, integrated circuits, power supplies, amplifiers, oscillators, with laboratory test and measurement equipment. 63 hours lecture and 27 hours laboratory. (Pass/No Pass or Letter Grade)

38626	ELE-827	Lecture		0	W	07:45AM-10:55AM	IT-125		08/19 - 12/14/24
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Canvas and other online applications may be required to complete coursework.

**ELE-874 Industrial Wiring and Controls**  
 Prerequisite: None Course Description: Industrial controls and electrical wiring of modern facilities, manufacturing, or warehousing. Included will be production equipment, conveyor systems, hydraulic and pneumatic controls, power distribution, blueprint reading, electrical control wiring, PLC (programmable logic controller) control wiring, VFD (variable frequency drives) wiring and programming. 54 hours lecture and 54 hours laboratory. (Pass/No Pass or Letter Grade)

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	Dates
38627	ELE-874	Lecture		0	MW	06:00PM-07:25PM	IT-124	J Vela	08/19 - 12/14/24
		Lab			MW	07:35PM-09:00PM	IT-124		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

## ENGINEERING

ENE-851	Print Reading								
Requisites: None Advisory: ENE-21 or MAT-36 Description: A beginning course in the study of blueprints and their interpretation, types of projection, symbols, and abbreviations. This course is designed for students interested in print reading for the machine trades. 54 hours lecture. (Pass/No Pass or Letter Grade)									
38642	ENE-851	Lecture		0			ON-LINE	M Dowlatabadi	08/19 - 12/14/24
		Lab			F	06:00PM-07:25PM	REG-MEET		08/19 - 12/14/24

The above is an online section with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Other online applications may be required to complete coursework.

## ENGLISH

ENG-885	Writing Clinic								
Prerequisite: None Corequisite: LR-4 or ENG-1A or ENG-1AH or ENG-1B or ENG-1BH or ENG-6 or ENG-7 or ENG-8 or ENG-9 or ENG-10 or ENG-11 or ENG-12 or ENG-14 or ENG-15 or ENG-17A or ENG-17B or ENG-17C or ENG-18 or ENG-20 or ENG-23 or ENG-24 or ENG-25 or ENG-30 or ENG-34 or ENG-35 or ENG-38A or ENG-38B or ENG-38C or ENG-40 or ENG-41 or ENG-44 or ENG-45 or ENG-48 or ENG-66 or ESL-66 or ESL-48 or ESL-49 or ESL-50 or ESL-848 or ESL-849 or ESL-850 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)									
38733	ENG-885	Lab		0			LIBR-110		08/19 - 12/14/24

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.

38734	ENG-885	Lab		0			LIBR-110		08/19 - 12/14/24
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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.

## ENGLISH AS A SECOND LANGUAGE

ESL-846	Beginning American College English								
Prerequisite: None Advisory: Students should be aware that course is taught in English. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at beginning level to prepare students to enter ESL-847. Students will produce a minimum of 1,000 words or more of instructor-evaluated writing with an emphasis on academic paragraph writing in response to reading. 90 hours lecture. (Letter grade or Pass/No Pass Option)									
38756	ESL-846	Lecture		0	MW	06:30PM-09:00PM	IT-211	L Tougas	08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

ESL-847	Low-Intermediate American College English								
Prerequisite: ESL-846 or ESL-46 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at a low-intermediate level to prepare students to enter ESL 848. Students will produce a minimum of 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)									
38757	ESL-847	Lecture		0	MW	06:30PM-09:00PM	IT-110	D Tougas	08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

ESL-848	Intermediate American College English								
Prerequisite: ESL-847 or ESL-47 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing reading, and oral language expression in academic American English language at an intermediate level to prepare students to enter ESL 49. Students will produce a minimum of 3,000 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.									
38758	ESL-848	Lecture		0					08/19 - 12/14/24
		Lab					ON-LINE	M Shirinian	08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

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

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.									
38759	ESL-849	Lecture		0	TTh	09:15AM-10:50AM	IT-211	M Shirinian	08/19 - 12/14/24

		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

ESL-850	Advanced American College English								
Prerequisite: ESL-49 or ESL-849 or qualifying placement Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at an advanced level to prepare students to enter English 1A. Students will produce a minimum of 6,000 words of instructor-evaluated writing with an emphasis on expository essay writing in response to advanced readings from various sources and a novel. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter grade only)									
38760	ESL-850	Lecture		0	TTh	10:55AM-12:30PM	IT-211	M Shirinian	08/19 - 12/14/24

		Lab					ON-LINE		08/19 - 12/14/24
							ON-LINE		08/19 - 12/14/24

The above section is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

## 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.)

38881	ILA-800	Lab	0				LIBR-LRC		08/19 - 12/14/24
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## MANUFACTURING TECHNOLOGY

### MAN-856 Cnc Machine Set-Up and Operation

Prerequisite: None Description: Fundamental skills related to the setup and operation of CNC (Computer Numerically Control) machine tools. Students will set up and operate CNC machine tools exposing them to CNC controllers and some CNC manual programming. Students will gain hands-on experience with CNC machine tools. 54 hours lecture and 54 hours laboratory. (Letter grade or Pass/No Pass option)

38942	MAN-856	Lecture	0	MW		02:00PM-03:25PM	CACT-2	P Van Hulle	08/19 - 12/14/24
		Lab		MW		03:35PM-05:00PM	CACT-2		08/19 - 12/14/24

Canvas and other online applications may be required to complete coursework.

### MAN-857 Cnc Program Writing

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

38943	MAN-857	Lecture	0				ON-LINE	P Van Hulle	08/19 - 12/14/24
		Lab		W		06:00PM-09:10PM	IT-127		08/19 - 12/14/24

The above is a hybrid class; students must attend class in-person as scheduled. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### MAN-860 Hydraulic and Pneumatic Systems

Prerequisite: None 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)

39405	MAN-860	Lecture	0					P Van Hulle	
		Lab							

Canvas and other online applications may be required to complete coursework.

## 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)

39075	PDS-808	Lecture	0				ON-LINE	R Wolfer	09/02 - 09/27/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

39076	PDS-809	Lecture	0				ON-LINE	A Thomas	09/30 - 10/25/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

39077	PDS-810	Lecture	0				ON-LINE	R Wolfer	11/14 - 12/06/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

39078	PDS-812	Lecture	0				ON-LINE	R Wolfer	09/02 - 09/27/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

39079	PDS-816	Lecture	0				ON-LINE	A Molina Padilla	08/19 - 09/13/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

### 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)

39082	PDS-817	Lecture	0				ON-LINE	A Molina Padilla	09/30 - 10/25/24
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The above is a short term online class. Please note the start and end dates. Computer with Internet access required. See [www.rccd.edu/de](http://www.rccd.edu/de)

SECT#	Course#	Instruction	ZTC/LTC	Units	Days	Time	Bldg-Room	Instructor	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)									
39084	PDS-818	Lecture		0			ON-LINE	M Olivieri	08/19 - 09/13/24

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