

Norco College - Fall 2021 Class Schedule

Reading the Schedule of Classes

SECT#	COURSE#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ANTHROPOLOGY								
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

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Credit Classes

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

ALR-4 Critical Reading as Critical Thinking

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

37929	ALR-4	Lecture	3			ON-LINE	M Sloniger	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37930	ALR-4	Lecture	3			ON-LINE	M Sloniger	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37000	ACC-1A	Lecture	3			ON-LINE	P Worsham	08/23 - 10/15/21
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The above section is a short term Online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37001	ACC-1A	Lecture	3			ON-LINE	D White	08/23 - 10/15/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates

37002	ACC-1A	Lecture	3			ON-LINE	P Worsham	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37003	ACC-1A	Lecture	3			ON-LINE	D White	08/23 - 12/16/21
The above section is an online class. Internet access is required.								
37004	ACC-1A	Lecture	3			ON-LINE	D White	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37005	ACC-1A	Lecture	3			ON-LINE	D White	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37006	ACC-1A	Lecture	3			ON-LINE	P Worsham	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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)								
37009	ACC-1B	Lecture	3			ON-LINE	D White	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates								
37010	ACC-1B	Lecture	3			ON-LINE	P Worsham	08/23 - 10/15/21
The above section is a short term online class Computer with Internet access required. See www.opencampus.com.								
37011	ACC-1B	Lecture	3			ON-LINE	N Ildefonso	10/18 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. Please note start and end dates.								
37989	ACC-1B	Lecture	3			ON-LINE	P Worsham	10/18 - 12/16/21
This above section is a short term online class. Internet access is required. See www.opencampus.com Please note the start and end dates.								
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.)								
37012	ACC-55	Lecture	3			ON-LINE	N Ildefonso	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
ACC-62 Payroll Accounting								
Prerequisite: ACC-1A or ACC-55 Descripyon: 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)								
37013	ACC-62	Lecture	3			ON-LINE	P Worsham	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38157	ACC-62	Lecture	3			ON-LINE	M Scott	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
ACC-65 Computerized Accounting								
Prerequisite: ACC-1A or ACC-55 Advisory: CIS-1A or CIS-3 Description: An introduction to computerized accounting, integrating the principles of accounting to an automated system in use by many accounting professionals. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
37014	ACC-65	Lecture	3			ON-LINE	N Ildefonso	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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)								
37015	ACC-67	Lecture	4			ON-LINE	J Muir	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates								
38158	ACC-67	Lecture	4			ON-LINE	F Itokazu	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								

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)								
37016	ADJ-1	Lecture	3			ON-LINE	S Williams	08/23 - 10/15/21
The above section is a short term online class. Internet access is required. See www.opencampus.com. Please note start and end dates.								
37017	ADJ-1	Lecture	3			ON-LINE	S Williams	08/23 - 12/16/21
The above section is restricted to High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Internet access is required.								
37018	ADJ-1	Lecture	3			ON-LINE	S Williams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
37020	ADJ-2	Lecture	3			ON-LINE	M Leese	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
37021	ADJ-3	Lecture	3			ON-LINE	S Williams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37022	ADJ-3	Lecture	3			ON-LINE	V Graham	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ADJ-4		Legal Aspects of Evidence						
Prerequisite: None Description: Origin, development, philosophy and constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. 54 hours lecture. (Letter grade only)								
37977	ADJ-4	Lecture	3			ON-LINE	M Leese	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
38066	ADJ-9	Lecture	3			ON-LINE	S Williams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com								
ADJ-13		Criminal Investigation						
Prerequisite: None Description: Fundamentals of investigation, crime scene searches and documentation, collection and preservation of physical and testimonial evidence, forensic evidence analysis, modus operandi, sources of information, interviews and interrogations, follow-up and case preparation. 54 hours lecture. (Letter grade only)								
37980	ADJ-13	Lecture	3			ON-LINE	S Williams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com								
38103	ADJ-13	Lecture	3			ON-LINE	S Williams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
37019	ADJ-14	Lecture	3			ON-LINE	L Walker	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
37978	ADJ-20	Lecture	3			ON-LINE	S Williams	10/18 - 12/16/21
This section is a short term online class. Internet access is required. Please note start and end dates.								
ANTHROPOLOGY								
ANT-1		Physical Anthropology						
Prerequisite: None Description: An introduction to human biological evolution, physical diversity, and relationship to the animal world, using scientific and comparative methods. Incorporates the study of genetics, fossils, primates, and modern human variation within an evolutionary framework. Students may not receive credit for both ANT-1 and ANT-1H. 54 hours lecture.								
37026	ANT-1	Lecture	3			ON-LINE	A Gray	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37028	ANT-1	Lecture	3			HUM-111	S Wakim	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37030	ANT-1	Lecture	3			ON-LINE	A Gray	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37032	ANT-1	Lecture	3			ON-LINE	A Gray	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37033	ANT-1	Lecture	3			ON-LINE	A Gray	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37923	ANT-1	Lecture	3			ON-LINE	A Gray	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37924	ANT-1	Lecture	3	TTh	11:15AM-12:40PM	HUM-111	A Azevedo	10/18 - 12/16/21
						ON-LINE		10/18 - 12/16/21
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
ANT-1L		Physical Anthropology Laboratory						
Prerequisite: None Corequisite: Concurrent enrollment in or prior completion of ANT-1 or 1H required. Description: Laboratory course exploring case studies and problems of human genetics, human variation, the identification of fossils through examination of fossil casts, human evolution, the study of the human skeleton, observation of primate behavior and structures utilizing the scientific method. 54 hours laboratory.								
37036	ANT-1L	Lecture	1	MW	09:15AM-10:40AM	HUM-111	A Mejia	08/23 - 12/16/21
37037	ANT-1L	Lecture	1	MW	04:10PM-05:35PM	HUM-111	A Mejia	08/23 - 12/16/21
ANT-2		Cultural Anthropology						
Prerequisite: None Description: An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. Cultural practices and institutions are examined using perspectives that enhance effective participation in a culturally diverse world. 54 hours lecture.								
37039	ANT-2	Lecture	3			ON-LINE	C Buchanan	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37041	ANT-2	Lecture	3			ON-LINE	A Gray	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37043	ANT-2	Lecture	3			ON-LINE	C Buchanan	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38163	ANT-2	Lecture	3			ON-LINE	A Mejia	09/07 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
ANT-4	Native American Cultures							
Prerequisite: None. Description: A survey of Native American cultures from the pre-Columbian period through conquest and reservation life and into the present. Incorporates evidence from archaeology, oral history, personal narratives, and other sources. Emphasis will be on the growth of Native American cultures, modern communities, including urban life, social and religious institutions, and traditional cultural elements and artistic traditions. 54 hours lecture. (Same as ETS-27) (Letter grade only)								
37932	ANT-4	Lecture	3			ON-LINE	C Buchanan	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
ANT-5	Cultures of Ancient Mexico							
Prerequisite: None Description: The development of civilization in ancient Mexico, integrating evidence from archaeology and the prehispanic and post-Conquest written records. Emphasizes the history, lifeways, and social and religious institutions of Mexico from the earliest cultures to the Aztec civilization, and their persistence in the modern world. 54 hours lecture.								
37044	ANT-5	Lecture	3			ON-LINE	C Goralski	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.)								
38093	APP-450	Lecture	4			ON-LINE	R Wolfer	08/23 - 12/16/21
Online classes are distance education classes with no scheduled meeting days. Students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. The above section is restricted to students participating in Norco Colleges Apprenticeship Program. For more information about the apprenticeship program, please contact Carlos Vasquez at Carlos.Vasquez@norcocollege.edu								
ARCHITECTURE								
ARE-24	Revit I-Architectural Drafting							
Prerequisite: DFT/ENE-21 and DFT/ENE-30 Description: Introduction to methods and techniques used in the development of architectural construction documents for light frame structures (Type V construction) including construction theory, notation, materials symbols, drawing format and general practice. Using Computer-Aided Drafting (CAD) and Building Information Modeling (BIM-Revit I), this course will focus on the drawing of a set of plans to include a plot plan, foundation plan, floor plan(s), sections, exterior and interior elevations, electrical plan and basic structural details. Sketching techniques will also be covered. 27 hours lecture and 90 hours laboratory. Same as DFT-24. (Letter Grade, or Pass/No Pass option.)								
38162	ARE-24	Lecture	3			ON-LINE	G Alcala	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.)								
37048	ARE-35	Lecture	3	W	06:30PM-09:40PM	IT-127	G Miller	09/07 - 12/16/21
The above section is a late start class. Please note start and end dates.								
38159	ARE-35	Lecture	3			ON-LINE	A Ghiassi	09/07 - 12/16/21
The above section is an online class. Computer with Internet access required. Please note start and end dates See www.opencampus.com.								
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.)								
37062	ART-6	Lecture	3	TTh	02:30PM-03:55PM	WEQ-W6B	M Chandler	08/23 - 12/16/21
37063	ART-6	Lecture	3			ON-LINE	L Lavitt	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37064	ART-6	Lecture	3			ON-LINE	C Goux	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37065	ART-6	Lecture	3			ON-LINE	M Chandler	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37066	ART-6	Lecture	3			ON-LINE	L Gamage Senarath	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37067	ART-6	Lecture	3			ON-LINE	L Lavitt	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37068	ART-6	Lecture	3			ON-LINE	M Chandler	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38042	ART-6	Lecture	3	TTh	03:00PM-04:25PM	ERHS-F103	R Dzikonski	08/23 - 12/16/21
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
38177	ART-6	Lecture	3			ON-LINE	K Skiba	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37049	ART-17	Lecture	3	M	02:35PM-03:25PM	ATEC-209	T Haerens	08/23 - 12/16/21
		Lab		W	02:35PM-03:40PM	ATEC-209		08/23 - 12/16/21
		Lab		M	03:35PM-05:50PM	ATEC-209		08/23 - 12/16/21
		Lab		W	04:00PM-05:50PM	ATEC-209		08/23 - 12/16/21
37050	ART-17	Lecture	3	T	09:35AM-10:25AM	ATEC-209	M Lindeman	08/23 - 12/16/21
		Lab		Th	09:35AM-10:40AM	ATEC-209		08/23 - 12/16/21
		Lab		Th	10:35AM-12:50PM	ATEC-209		08/23 - 12/16/21
		Lab		Th	11:00AM-12:50PM	ATEC-209		08/23 - 12/16/21

ART-20 Beginning Sculpture

Prerequisite: None Description: An introduction to the fundamentals of sculpture design and creation. A variety of materials, such as clay, wax and plaster, will be used. Additive, subtractive and construction methods for creating the sculptural pieces will be explored, as well as other traditional and contemporary forms and techniques. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)(Materials fee: \$15.00)

37052	ART-20	Lecture	3	M	06:00PM-06:50PM	ATEC-209	D Campuzano	08/23 - 12/16/21
		Lab		W	06:00PM-07:05PM	ATEC-209		08/23 - 12/16/21
		Lab		M	07:00PM-09:15PM	ATEC-209		08/23 - 12/16/21
		Lab		W	07:25PM-09:15PM	ATEC-209		08/23 - 12/16/21

ART-22 Basic Design

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

37053	ART-22	Lecture	3	T	02:00PM-02:50PM	ATEC-209	M Lindeman	08/23 - 12/16/21
		Lab		Th	02:00PM-03:05PM	ATEC-209		08/23 - 12/16/21
		Lab		T	03:00PM-05:15PM	ATEC-209		08/23 - 12/16/21
		Lab		Th	03:25PM-05:15PM	ATEC-209		08/23 - 12/16/21
38114	ART-22	Lecture	3			CAVA-ONLN	M Lindeman	08/23 - 12/16/21
		Lab				CAVA-ONLN		08/23 - 12/16/21

The above section is restricted to CAVA Online High School students participating in Norco College's Dual Enrollment Program. Internet access is required.

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)

37054	ART-24	Lecture	3			ATEC-209	N Thomas	08/23 - 12/16/21
		Lab				ATEC-209		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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.)

37055	ART-26	Lecture	3	M	11:10AM-12:00PM	ATEC-209	T Le	08/23 - 12/16/21
		Lab		W	11:10AM-12:15PM	ATEC-209		08/23 - 12/16/21
		Lab		M	12:10PM-02:25PM	ATEC-209		08/23 - 12/16/21
		Lab		W	12:35PM-02:25PM	ATEC-209		08/23 - 12/16/21

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.)

37056	ART-27	Lecture	3	M	11:10AM-12:00PM	ATEC-209	T Le	08/23 - 12/16/21
		Lab		W	11:10AM-12:15PM	ATEC-209		08/23 - 12/16/21
		Lab		M	12:10PM-02:25PM	ATEC-209		08/23 - 12/16/21
		Lab		W	12:35PM-02:25PM	ATEC-209		08/23 - 12/16/21

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)

37057	ART-28A	Lecture	3	M	11:10AM-12:00PM	ATEC-209	T Le	08/23 - 12/16/21
		Lab		W	11:10AM-12:15PM	ATEC-209		08/23 - 12/16/21
		Lab		M	12:10PM-02:25PM	ATEC-209		08/23 - 12/16/21
		Lab		W	12:35PM-02:25PM	ATEC-209		08/23 - 12/16/21

ART-36A Computer Art-Introduction

Prerequisite: None Description: Introduction to creating fine art and design using digital media. The exploration of the visual characteristics of electronic imagery with emphasis on the essentials of fine art, design, and creative problem solving. Artwork will be developed using the computer, related software, and/or other electronic equipment. Students pay for their own materials. 36 hours of lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

37058	ART-36A	Lecture	3	M	07:45AM-08:35AM	ATEC-109	L Lavitt	08/23 - 12/16/21
		Lab		W	07:45AM-08:50AM	ATEC-109		08/23 - 12/16/21
		Lab		M	08:45AM-11:00AM	ATEC-109		08/23 - 12/16/21
		Lab		W	09:00AM-10:50AM	ATEC-109		08/23 - 12/16/21

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.)

37059	ART-40A	Lecture	3	F	08:00AM-10:30AM	ATEC-209	T Dunipace	08/27 - 12/10/21
		Lab		F	10:40AM-03:55PM	ATEC-209		08/27 - 12/10/21

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).

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37060	ART-40B	Lecture	3	F	08:00AM-10:30AM	ATEC-209	T Dunipace	08/27 - 12/10/21
		Lab		F	10:40AM-03:55PM	ATEC-209		08/27 - 12/10/21

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)

37968	AHS-1	Lecture	3			ON-LINE	C Goux	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

AHS-2 History of Western Art: Renaissance through Contemporary

Prerequisite: None Advisory: 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.)

37969	AHS-2	Lecture	3			ON-LINE	M Chandler	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

AHS-2H Honors History of Western Art: Renaissance through Contemporary

Prerequisite: None. Advisory: ENG-1A Limitation on enrollment: Enrollment in the Honors Program Description: Honors survey of the history of Western art: painting, architecture, and sculpture, from the Renaissance through Contemporary art. Students may not receive credit for both AHS-2 and AHS-2H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

37970	AHS-2H	Lecture	3			ON-LINE	M Chandler	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37069	BIO-1	Lecture	4			ON-LINE	T Friedrich Finern	08/23 - 12/16/21
		Lab		M	09:15AM-12:25PM	IT-128	S Garcia	08/23 - 12/16/21

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

37070	BIO-1	Lecture	4	TTh	06:00PM-07:25PM	IT-101	A Osorio	08/23 - 12/16/21
		Lab		M	06:00PM-09:10PM	IT-128		08/23 - 12/16/21

37071	BIO-1	Lecture	4			ON-LINE	T Friedrich Finern	08/23 - 12/16/21
		Lab		W	09:15AM-12:25PM	IT-128	S Garcia	08/23 - 12/16/21

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

37073	BIO-1	Lecture	4	TTh	06:00PM-07:25PM	IT-101	A Osorio	08/23 - 12/16/21
		Lab		W	06:00PM-09:10PM	IT-128		08/23 - 12/16/21

37074	BIO-1	Lecture	4	MW	04:10PM-05:35PM	IT-117	G Blanco	08/23 - 12/16/21
		Lab		M	12:45PM-03:55PM	IT-128		08/23 - 12/16/21

37075	BIO-1	Lecture	4	MW	04:10PM-05:35PM	IT-117	G Blanco	08/23 - 12/16/21
		Lab		F	02:00PM-05:10PM	IT-128		08/23 - 12/16/21

37080	BIO-1	Lecture	4	F	01:00PM-04:10PM	IT-101	O Kim	08/23 - 12/16/21
		Lab		F	09:00AM-12:10PM	ST-203		08/23 - 12/16/21

37081	BIO-1	Lecture	4	F	01:00PM-04:10PM	IT-101	O Kim	08/23 - 12/16/21
		Lab		F	05:40PM-08:50PM	IT-128		08/23 - 12/16/21

38113	BIO-1	Lecture	4			ON-LINE	T Friedrich Finern	10/12 - 12/16/21
		Lab		TTh	06:00PM-09:05PM	IT-128	M Jones	10/12 - 12/16/21

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

38156	BIO-1	Lecture	4			ON-LINE	T Friedrich Finern	10/12 - 12/16/21
		Lab		TTh	08:00AM-11:05AM	IT-128	M Gutierrez	10/12 - 12/16/21

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

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.

37919	BIO-4	Lecture	4	TTh	11:15AM-12:40PM	IT-117	J Drainville	08/23 - 12/16/21
		Lab		T	02:00PM-05:10PM	IT-128		08/23 - 12/16/21

37920	BIO-4	Lecture	4	TTh	11:15AM-12:40PM	IT-117	J Drainville	08/23 - 12/16/21
		Lab		Th	02:00PM-05:10PM	IT-128		08/23 - 12/16/21

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.

37084	BIO-10	Lecture	3			ON-LINE	M Sanei	08/23 - 12/16/21
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The above section is restricted to Corona High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37922	BIO-10	Lecture	3			ON-LINE	M Sanei	08/23 - 12/16/21
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The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See www.opencampus.com.

38126	BIO-10	Lecture	3			ON-LINE	M Sanei	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
BIO-16		Human Reproduction and Sexual Behavior (formerly Bio-30)						
Prerequisite: None. Description: Human anatomy, physiology and behavior as related to sexual reproduction, including discussion of fertilization, pregnancy, childbirth and birth control. Consideration also will be given to homosexuality, sexually transmitted disease, sex education, and sexual intercourse and response. 54 hours lecture. (Letter Grade only)								
38154	BIO-16	Lecture	3			ON-LINE	V Sharma	09/20 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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.								
37085	BIO-18	Lecture	3			ON-LINE	S Garcia	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
BIO-19		Environmental Science (formerly Bio-36)						
Prerequisite: None Description: A study of humans in relation to the environment that emphasizes population ecology, nutrient cycles and energy flow, pollution, food production, and conservation of natural resources. 54 hours lecture.								
37086	BIO-19	Lecture	3			ON-LINE	T Friedrich Finern	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
BIO-21		California Naturalist						
Prerequisite: None Description: Introduction to California's unique ecology and stewardship of California's natural communities with certification as a California Naturalist and training in Project Learning Tree. The UC ANR California Naturalist program uses a science curriculum, hands-on learning, problem-solving, citizen science, and community service to encourage engagement with nature and conservation of local resources. 36 hours lecture 54 hours laboratory. (Letter Grade)								
37921	BIO-21	Lecture	3	F	11:20AM-01:25PM	IT-128	J Reyes	08/23 - 12/16/21
		Lab		F	08:00AM-11:10AM	IT-128		08/23 - 12/16/21
BIO-50A		Anatomy and Physiology I (formerly Amy-2a)						
Prerequisite: BIO-1 or BIO-1H or BIO-4 or BIO-55 or BIO-60 or BIO-60H Description: First of a two course sequence that introduces students to the basic concepts and principles of anatomy and physiology. This course will provide a foundation for advanced study of the human body. The course covers body orientation and organization, cells and tissues, the skeletal and muscular systems, and the eye and ear. Designed to meet the prerequisites for professional programs, e.g. nursing, dental hygiene, and physical therapy. 36 hours lecture and 108 hours laboratory.								
37089	BIO-50A	Lecture	4	T	02:00PM-03:05PM	ST-211		08/23 - 12/16/21
				Th	02:00PM-02:50PM	ST-211	J Reyes	08/23 - 12/16/21
		Lab		TTh	09:30AM-12:40PM	ST-211		08/23 - 12/16/21
37090	BIO-50A	Lecture	4	T	05:15PM-06:05PM	ST-207	M Donovan	08/23 - 12/16/21
				Th	05:15PM-06:20PM	ST-207		08/23 - 12/16/21
		Lab		TTh	06:30PM-09:40PM	ST-207		08/23 - 12/16/21
37091	BIO-50A	Lecture	4	M	12:45PM-01:50PM	ATEC-114	J Drainville	08/23 - 12/16/21
				W	12:45PM-01:35PM	ATEC-114		08/23 - 12/16/21
		Lab		MW	09:10AM-12:20PM	ST-211		08/23 - 12/16/21
37092	BIO-50A	Lecture	4	M	12:45PM-01:50PM	ATEC-114	J Drainville	08/23 - 12/16/21
				W	12:45PM-01:35PM	ATEC-114		08/23 - 12/16/21
		Lab		MW	02:30PM-05:40PM	ST-211		08/23 - 12/16/21
37093	BIO-50A	Lecture	4	T	12:00PM-12:50PM	ST-207	I McGuire	08/23 - 12/16/21
				Th	12:00PM-01:05PM	ST-207		08/23 - 12/16/21
		Lab		TTh	01:15PM-04:25PM	ST-207		08/23 - 12/16/21
37094	BIO-50A	Lecture	4	T	05:00PM-05:50PM	ST-211	A Tocts	08/23 - 12/16/21
				Th	05:00PM-06:05PM	ST-211		08/23 - 12/16/21
		Lab		TTh	06:15PM-09:25PM	ST-211		08/23 - 12/16/21
37095	BIO-50A	Lecture	4	F	08:00AM-09:05AM	IT-117	C Breidenbaugh	08/23 - 12/16/21
				S	08:00AM-08:50AM	IT-117		08/23 - 12/16/21
		Lab		FS	09:15AM-12:25PM	ST-211		08/23 - 12/16/21
38111	BIO-50A	Lecture	4	F	12:00PM-02:05PM	ST-207	F Almasarweh	08/23 - 12/16/21
		Lab		F	02:15PM-05:25PM	ST-207		08/23 - 12/16/21
		Lab		F	08:00AM-11:10AM	ST-207		08/23 - 12/16/21
BIO-50B		Anatomy and Physiology II (formerly Amy-2b)						
Prerequisite: BIO-50A Description: Second of a two course sequence in anatomy and physiology that covers these systems: nervous, endocrine, cardiovascular, respiratory, urinary, digestive, and reproductive organ systems. 36 hours lecture and 108 hours laboratory.(Letter Grade)								
37096	BIO-50B	Lecture	4	T	11:30AM-12:20PM	ATEC-114	P Campo	08/23 - 12/16/21
				Th	11:30AM-12:35PM	ATEC-114		08/23 - 12/16/21
		Lab		MW	07:50AM-11:00AM	ST-207		08/23 - 12/16/21
37097	BIO-50B	Lecture	4	T	11:30AM-12:20PM	ATEC-114	P Campo	08/23 - 12/16/21
				Th	11:30AM-12:35PM	ATEC-114		08/23 - 12/16/21
		Lab		TTh	08:00AM-11:10AM	ST-207		08/23 - 12/16/21
37098	BIO-50B	Lecture	4	M	12:00PM-12:50PM	ST-207	P Campo	08/23 - 12/16/21
				W	12:00PM-01:05PM	ST-207		08/23 - 12/16/21
		Lab		MW	01:15PM-04:25PM	ST-207		08/23 - 12/16/21
37099	BIO-50B	Lecture	4	M	05:00PM-05:50PM	ST-207	G Johansen	08/23 - 12/16/21
				W	05:00PM-06:05PM	ST-207		08/23 - 12/16/21
		Lab		MW	06:15PM-09:25PM	ST-207		08/23 - 12/16/21
BIO-55		Microbiology (formerly Mic-1)						
Prerequisite: CHE-2A or CHE-2B or CHE-3, and BIO-1 or BIO-1H or BIO-50A or BIO-60 or BIO-60H Description: General characteristics of microorganisms with emphasis on morphology, growth, control, metabolism and reproduction; their role in disease, body defenses, and application to the biomedical field. 54 hours lecture and 54 hours laboratory.								
37100	BIO-55	Lecture	4	MW	06:00PM-07:25PM	IT-117	S Tronti	08/23 - 12/16/21
		Lab		T	06:00PM-09:10PM	ST-203		08/23 - 12/16/21
37101	BIO-55	Lecture	4	MW	06:00PM-07:25PM	IT-117	S Tronti	08/23 - 12/16/21
		Lab		Th	06:00PM-09:10PM	ST-203		08/23 - 12/16/21

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37102	BIO-55	Lecture	4	MW	07:30AM-08:55AM	IT-101	M Gutierrez	08/23 - 12/16/21
		Lab		M	09:05AM-12:15PM	ST-203		08/23 - 12/16/21
37103	BIO-55	Lecture	4	MW	07:30AM-08:55AM	IT-101	M Gutierrez	08/23 - 12/16/21
		Lab		W	09:05AM-12:15PM	ST-203		08/23 - 12/16/21
37925	BIO-55	Lecture	4	TTh	08:00AM-09:25AM	IT-117	B Moore	08/23 - 12/16/21
		Lab		T	09:40AM-12:50PM	ST-203		08/23 - 12/16/21
37926	BIO-55	Lecture	4	TTh	08:00AM-09:25AM	IT-117	B Moore	08/23 - 12/16/21
		Lab		Th	09:40AM-12:50PM	ST-203		08/23 - 12/16/21
37927	BIO-55	Lecture	4	F	01:00PM-04:10PM	ATEC-114	B Moore	08/23 - 12/16/21
		Lab		T	02:00PM-05:10PM	ST-203		08/23 - 12/16/21
37928	BIO-55	Lecture	4	F	01:00PM-04:10PM	ATEC-114	B Moore	08/23 - 12/16/21
		Lab		F	04:30PM-07:40PM	ST-203	D Morales	08/23 - 12/16/21

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

37104	BIO-60	Lecture	5	MWF	04:35PM-05:50PM	IT-109	B Moore	08/23 - 12/16/21
		Lab		W	01:15PM-04:25PM	ST-203		08/23 - 12/16/21

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.)

37105	BIO-61	Lecture	5	TTh	04:15PM-06:20PM	WEQ-W6A	J Reyes	08/23 - 12/16/21
		Lab		W	01:50PM-05:00PM	IT-128		08/23 - 12/16/21

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)

37106	BUS-10	Lecture	3	M	07:35AM-09:00AM	STEM-302	A Martin	08/23 - 12/16/21
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
37107	BUS-10	Lecture	3			ON-LINE	E Doucette	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37108	BUS-10	Lecture	3			ON-LINE	R Beck	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note start and end dates.								
37110	BUS-10	Lecture	3			ON-LINE	A Martin	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37111	BUS-10	Lecture	3			ON-LINE	R Beck	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37112	BUS-10	Lecture	3			ON-LINE	R Beck	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note start and end dates.								
37113	BUS-10	Lecture	3			ON-LINE	A Martin	10/18 - 12/16/21
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.opencampus.com.								
37116	BUS-10	Lecture	3			ON-LINE	D Cescolini	08/23 - 12/16/21
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. This is an Online class								
38120	BUS-10	Lecture	3			ON-LINE	R Beck	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38172	BUS-10	Lecture	3			ON-LINE	E Doucette	08/23 - 12/16/21
The above section is designed to allow students to remotely participate with the in-person section BUS-10-37107. Students enrolled in this section will be expected to regularly attend class at the scheduled and published times as though they were physically on campus"								

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)

37118	BUS-18A	Lecture	3			ON-LINE	J Alpay	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37119	BUS-18A	Lecture	3			ON-LINE	J Alpay	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37120	BUS-18A	Lecture	3			ON-LINE	J Alpay	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note start and end dates.								
37121	BUS-18A	Lecture	3			ON-LINE	J Alpay	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37122	BUS-18A	Lecture	3			ON-LINE	J Alpay	10/18 - 12/16/21
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.opencampus.com.								
37124	BUS-18A	Lecture	3			ON-LINE	G Sonnier	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
BUS-18B		Business Law II						
Prerequisite: None Description: An overview of the special applications of law in business as it pertains to commercial paper, creditors' rights, secured transactions, agency and employment, partnerships, corporations, personal and real property, and governmental regulation of business. Students will analyze laws and rules, then apply appropriate concepts to factual scenarios. 54 hours lecture. Letter grade only)								
37125	BUS-18B	Lecture	3			ON-LINE	J Alpay	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38119	BUS-18B	Lecture	3			ON-LINE	G Sonnier	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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)								
37126	BUS-20	Lecture	3			ON-LINE	E Doucette	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37127	BUS-20	Lecture	3			ON-LINE	E Doucette	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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)								
37128	BUS-22	Lecture	3			ON-LINE	E Doucette	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.								
37129	BUS-24	Lecture	3			ON-LINE	E Doucette	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note start and end dates.								
38134	BUS-24	Lecture	3			ON-LINE	E Doucette	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note start and end dates.								
BUS-30		Entrepreneurship Foundations and Fundamentals						
Prerequisite: None Description: An introductory course designed to explore, identify and evaluate business opportunities with an emphasis on starting and managing a small or existing business: investigating tools and best practices associated with identifying and creating new venture opportunities; explore ways to shape and evaluate the viability of opportunities; understanding key industry factors, market, competitive factors, and customer needs. 54 hour lecture.								
37130	BUS-30	Lecture	3			ON-LINE	A Martin	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. Please note start and end dates. See www.opencampus.com								
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)								
37133	BUS-47	Lecture	3			ON-LINE	E Doucette	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37134	BUS-47	Lecture	3			ON-LINE	E Davalos	08/23 - 10/15/21
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.opencampus.com.								
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)								
37135	BUS-80	Lecture	3			ON-LINE	R Beck	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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.)								
37136	BUS-82	Lecture	1.5			ON-LINE	C Pentis	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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.)								
37137	BUS-83	Lecture	1.5			ON-LINE	C Pentis	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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.)								
37139	BUS-87	Lecture	3			ON-LINE	R Beck	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
BUS-90		International Logistics						
Prerequisite: None Description: An introduction to the role of logistics in global business; including the economic and service characteristics of international transportation providers, the government's role, documentation and terms of sale used in global business, and the fundamentals of effective export and import management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37140	BUS-90	Lecture	3			ON-LINE	R Beck	08/23 - 10/15/21

The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

CHEMISTRY

CHE-1A General Chemistry, I

Prerequisite: CHE-2A or CHE-3 and MAT-35 Description: An exploration of simple chemical systems, their properties, and how they can be investigated and understood in terms of stoichiometry, gas laws, elementary thermodynamics, atomic structure, and bonding. Laboratory techniques in the investigation of chemical systems. Students may not receive credit for both CHE-1A and CHE-1AH. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

37147	CHE-1A	Lecture	5	TTh	06:00PM-07:25PM	IT-202	B Ghosh	08/23 - 12/16/21
		Lab		MW	02:40PM-05:50PM	HUM-208		08/23 - 12/16/21
37148	CHE-1A	Lecture	5	MW	07:35AM-09:00AM	ATEC-205	T Hogenauer	08/23 - 12/16/21
		Lab		MW	11:00AM-02:10PM	HUM-208		08/23 - 12/16/21
37149	CHE-1A	Lecture	5	MW	04:10PM-05:35PM	ATEC-210	W Cui	08/23 - 12/16/21
		Lab		MW	06:30PM-09:40PM	HUM-208		08/23 - 12/16/21
37150	CHE-1A	Lecture	5	MW	11:00AM-12:25PM	IT-210	C Lugo	08/23 - 12/16/21
		Lab		MW	07:30AM-10:40AM	HUM-208		08/23 - 12/16/21

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.)

37151	CHE-1B	Lecture	5	TTh	11:15AM-12:40PM	IT-101	J Tyler	08/23 - 12/16/21
		Lab		TTh	02:00PM-05:10PM	HUM-208		08/23 - 12/16/21
37152	CHE-1B	Lecture	5	TTh	04:10PM-05:35PM	WEQ-W6B	Z Zhu	08/23 - 12/16/21
		Lab		TTh	06:00PM-09:10PM	HUM-208		08/23 - 12/16/21

CHE-2A Introductory Chemistry, I

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

37153	CHE-2A	Lecture	4	T	06:00PM-09:10PM	IT-117	P Kimbrough	08/23 - 12/16/21
		Lab		Th	06:00PM-09:10PM	HUM-204		08/23 - 12/16/21
37154	CHE-2A	Lecture	4	TTh	11:15AM-12:40PM	THTR-101	A Williams	08/23 - 12/16/21
		Lab		Th	02:00PM-05:00PM	HUM-204	C Lugo	08/23 - 12/16/21
37155	CHE-2A	Lecture	4	MW	12:45PM-02:10PM	STEM-201	E Wen	08/23 - 12/16/21
		Lab		W	09:00AM-12:10PM	HUM-204		08/23 - 12/16/21
37156	CHE-2A	Lecture	4	MW	12:45PM-02:10PM	STEM-201	E Wen	08/23 - 12/16/21
		Lab		M	09:00AM-12:10PM	HUM-204		08/23 - 12/16/21
37157	CHE-2A	Lecture	4	MW	11:10AM-12:35PM	IT-117	B Klavetter	08/23 - 12/16/21
		Lab		M	01:00PM-04:10PM	HUM-204		08/23 - 12/16/21
37159	CHE-2A	Lecture	4	TTh	02:10PM-03:35PM	ATEC-114	L Zelaya	08/23 - 12/16/21
		Lab		T	09:30AM-12:40PM	HUM-204		08/23 - 12/16/21
37160	CHE-2A	Lecture	4	TTh	02:10PM-03:35PM	ATEC-114	L Zelaya	08/23 - 12/16/21
		Lab		Th	09:30AM-12:40PM	HUM-204		08/23 - 12/16/21
37161	CHE-2A	Lecture	4	TTh	11:15AM-12:40PM	THTR-101	A Williams	08/23 - 12/16/21
		Lab		T	02:00PM-05:00PM	HUM-204	C Lugo	08/23 - 12/16/21
37162	CHE-2A	Lecture	4	T	06:00PM-09:10PM	IT-117	P Kimbrough	08/23 - 12/16/21
		Lab		W	06:00PM-09:10PM	HUM-204		08/23 - 12/16/21
37163	CHE-2A	Lecture	4	MW	09:15AM-10:40AM	IT-117	A Efron	08/23 - 12/16/21
		Lab		F	09:00AM-12:10PM	HUM-204	B Klavetter	08/23 - 12/16/21
37164	CHE-2A	Lecture	4	MW	09:15AM-10:40AM	IT-117	A Efron	08/23 - 12/16/21
		Lab		F	01:00PM-04:10PM	HUM-204	J Tyler	08/23 - 12/16/21

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.)

37145	CHE-12A	Lecture	5	MW	11:00AM-12:25PM	STEM-301	V Lee	08/23 - 12/16/21
		Lab		F	09:45AM-04:15PM	HUM-208		08/23 - 12/16/21

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.)

37165	CHI-1	Lecture	5			ON-LINE	C Dealba-Yount	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

COMMUNICATION STUDIES

COM-1 Public Speaking

Prerequisite: None Advisory: COM-51 and qualification for ENG-1A Description: Prepares students to compose (develop outlines and research) and present a minimum of four speeches, including informative and persuasive presentations in front of a live audience. Emphasis will include: different purposes of speaking, types of speeches and organizational patterns, topic choice and audience adaptation, rhetorical principles, development and support of sound reasoning and argument, theories of persuasion, application of ethics in public speaking, listening skills, and theory and principles of effective delivery. Students will speak formally for a minimum of 20 total semester minutes. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37199	COM-1	Lecture	3	W	09:15AM-10:40AM	IT-210 ON-LINE	B Natividad	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
37200	COM-1	Lecture	3			ON-LINE	M Lewis	08/23 - 12/11/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37201	COM-1	Lecture	3	TTh	11:15AM-12:40PM	IT-210	K Rigby	08/23 - 12/16/21
37202	COM-1	Lecture	3	MW	11:00AM-12:25PM	WEQ-W6B	E Arvilla	08/23 - 12/16/21
37203	COM-1	Lecture	3			ON-LINE	M Lewis	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37204	COM-1	Lecture	3	M	12:45PM-02:10PM	IT-211 ON-LINE	C Gutierrez	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37205	COM-1	Lecture	3			ON-LINE	E Romero	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37207	COM-1	Lecture	3			ON-LINE	B Rihan	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37208	COM-1	Lecture	3				A Tufano	08/23 - 12/16/21
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37209	COM-1	Lecture	3			IT-210	B Rihan	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37210	COM-1	Lecture	3			ON-LINE	L Tat	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37212	COM-1	Lecture	3	T	05:00PM-05:50PM	REG-MEET ON-LINE	N Aceves	08/23 - 12/16/21 08/23 - 12/16/21
The above section is designed with special emphasis on African American culture. See the Umoja counselor (sean.davis@norcocollege.edu) prior to enrolling. The above section is an synchronous online class. Computer with Internet access required. See www.opencampus.com.								
38029	COM-1	Lecture	3			ON-LINE	A Tufano	08/23 - 12/16/21
The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38062	COM-1	Lecture	3			ON-LINE	K Rigby	09/07 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38169	COM-1	Lecture	3			ON-LINE	J Baney	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38181	COM-1	Lecture	3			ON-LINE	S Bee	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38183	COM-1	Lecture	3	MW	11:10AM-12:35PM	IT-110 ON-LINE	B Natividad	10/18 - 12/16/21 10/18 - 12/16/21
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
COM-3 Argumentation and Debate								
Prerequisite: None Description: An examination of argumentation and debate including a systematic approach to the process of debate, theories of argumentation as related to topic analysis, research, case construction, refutation/rebuttals, cross-examination, utilization of sound reasoning, fallacies in reasoning, and the importance of ethical behavior in debate. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
37219	COM-3	Lecture	3	M	09:15AM-10:40AM	IT-210 ON-LINE	E Romero	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
COM-6 Dynamics of Small Group Communication								
Prerequisite: None Description: Principles of communication in a variety of group contexts. Theory, application, and evaluation of group communication processes, including problem solving, conflict management, decision-making, and leadership. Oral group presentations required. Students will speak formally as part of a group for a minimum of 20 semester minutes. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
37221	COM-6	Lecture	3			ON-LINE	R Stinson	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
COM-9 Interpersonal Communication								
Prerequisite: None Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
37222	COM-9	Lecture	3			ON-LINE	R Stinson	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37223	COM-9	Lecture	3			ON-LINE	A Olaerts	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37224	COM-9	Lecture	3			ON-LINE	M Lewis	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37225	COM-9	Lecture	3			ON-LINE	R Stinson	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37226	COM-9	Lecture	3	T	09:40AM-11:05AM	IT-210 ON-LINE	J Vierra	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
37227	COM-9	Lecture	3	TTh	08:00AM-09:25AM	IT-210	J Vierra	08/23 - 12/16/21
37228	COM-9	Lecture	3			ON-LINE	G Stinson	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37229	COM-9	Lecture	3	MW	09:15AM-10:40AM	WEQ-W6B	E Arvilla	08/23 - 12/16/21
37230	COM-9	Lecture	3			ON-LINE	M Lewis	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37231	COM-9	Lecture	3			ON-LINE	A Olaerts	11/01 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37232	COM-9	Lecture	3			ON-LINE	A Tufano	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37233	COM-9	Lecture	3	Th	09:40AM-11:05AM	IT-210	B Natividad	08/23 - 12/16/21
						ON-LINE		08/23 - 12/16/21
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
37234	COM-9	Lecture	3			ON-LINE	M Lewis	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37235	COM-9	Lecture	3			ON-LINE	M Lewis	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37998	COM-9	Lecture	3			ON-LINE	A Olaerts	11/01 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38092	COM-9	Lecture	3			ON-LINE	A Olaerts	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38170	COM-9	Lecture	3			ON-LINE	A Olaerts	09/07 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38182	COM-9	Lecture	3			ON-LINE	M Lewis	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								

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.)

37216	COM-11	Lecture	3	T	02:30PM-03:55PM	IT-210	M Lewis	08/23 - 12/16/21
						ON-LINE		08/23 - 12/16/21

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)

37217	COM-12	Lecture	3			ON-LINE	B Rihan	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38185	COM-12	Lecture	3			ON-LINE	A Olaerts	11/01 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								

COMPUTER APPLICATIONS/OFFICE

CAT-3 Computer Applications for Business

Prerequisite: None Description: Introduces a suite of computer applications used in business and office professions. Individuals who are already established in these professions may also benefit from skills emphasized which include: use of basic operating system functions, file management, word processing, spreadsheets, database management, and presentation graphics. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.) (Same as CIS-3)

37141	CAT-3	Lecture	3			ON-LINE	C McConnell-Freeman	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. Designated laboratory hours are to be completed online.

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)

37142	CAT-80	Lecture	3			ON-LINE	C McConnell-Freeman	08/26 - 12/16/21
		Lab				ON-LINE		08/26 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, will be completed online.

CAT-93 Computers for Beginners

Prerequisite: None Description: This course is designed as a practical step-by-step introduction to computer literacy topics including computer hardware and software, application skills, the Internet and Internet searching, Web page creation and computer ethics. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.) (Same as CIS-93)

37143	CAT-93	Lecture	3			ON-LINE	B Fuller	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.

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)

37144	CAT-98A	Lecture	1.5			ON-LINE	B Fuller	08/23 - 10/15/21
		Lab				ON-LINE		08/23 - 10/15/21

The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, will be completed online. Please note start and end dates.

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

37175	CIS-1A	Lecture	3			ON-LINE	J Coverdale	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.

37176	CIS-1A	Lecture	3	T	02:30PM-03:55PM	ATEC-118	J Coverdale	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
						ON-LINE		08/23 - 12/16/21

The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.

37177	CIS-1A	Lecture	3			ON-LINE	R Finley	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

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

37178	CIS-1A	Lecture	3			ON-LINE	R Finley	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

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

37179	CIS-1A	Lecture	3			ON-LINE	J Perry	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

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

37180	CIS-1A	Lecture	3			ON-LINE	J Coverdale	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

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

37181	CIS-1A	Lecture	3			ON-LINE	J Perry	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.

37182	CIS-1A	Lecture	3			ON-LINE	J Coverdale	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.

37183	CIS-1A	Lecture	3			ON-LINE	J Coverdale	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.

CIS-5 Programming Concepts and Methodology I: C++

Prerequisite: None Advisory: CIS-1A Description: Introduction to the discipline of computer science incorporating problem definitions, algorithm development, and structured programming logic for business, scientific and mathematical applications. The C++ language will be used for programming problems. 54 hours lecture and 54 hours laboratory. (Same as CSC-5) (Letter grade)

37185	CIS-5	Lecture	4			ON-LINE	J Perry	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.

37186	CIS-5	Lecture	4	MW	12:45PM-02:10PM	ATEC-118	J Ruiz	08/23 - 12/16/21
		Lab		MW	02:20PM-03:45PM	ATEC-118		08/23 - 12/16/21

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

37187	CIS-5	Lecture	4			ON-LINE	J Perry	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the laboratory hours requirement, are completed online.

37188	CIS-5	Lecture	4			ON-LINE	A Rainey	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 54-hour laboratory requirement, are completed online.

37189	CIS-5	Lecture	4			ON-LINE	J Perry	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

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

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).

38094	CIS-7	Lecture	3			ON-LINE	A Batarseh	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. Designated laboratory hours are included in the meeting times for this class.

38095	CIS-7	Lecture	3			ON-LINE	A Batarseh	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. Designated laboratory hours are included in the meeting times for this class.

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)

37167	CIS-12	Lecture	3			ON-LINE	J Wilson	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
CIS-17A		Programming Concepts and Methodology II: 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)						
37168	CIS-17A	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
CIS-17B		C++ Programming: Advanced Objects Prerequisite: None Advisory: CIS/CSC-17A Description: This is an advanced C++ programming course for students familiar with object-oriented programming that implements basic graphical user interfaces. An emphasis will be placed on advanced concepts associated with complex business and gaming applications that utilize exception handling, multithreading, multimedia, and database connectivity. 54 hours lecture and 18 hours laboratory. (Same as CSC-17B) (TBA option) (Letter Grade, or Pass/No Pass option.)						
37169	CIS-17B	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
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.)						
37170	CIS-17C	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38099	CIS-17C	Lecture Lab	3			ON-LINE ON-LINE	T Langston	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.)						
37171	CIS-18A	Lecture Lab	3			ON-LINE ON-LINE	B Kenney	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.								
CIS-18B		Java Programming: Advanced Objects Prerequisite: None Advisory: CIS/CSC-18A Description: This is an advanced Java programming course for students familiar with object-oriented programming and utilization of basic graphical interface techniques. An emphasis will be placed on advanced concepts associated with Business, E-Commerce and Gaming applications that utilize exception handling, multithreading, multimedia, and database connectivity. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)						
38102	CIS-18B	Lecture Lab	3			ON-LINE ON-LINE	J Wilson	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.)						
37172	CIS-18C	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.								
CIS-66		Web Development I Prerequisite: None. Description: An introduction to the web technologies and languages. This course provides in-depth understanding of the roles of markup and scripting languages to display text and multimedia content for basic web pages.						
37191	CIS-66	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.								
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)						
37193	CIS-78A	Lecture Lab	3			ON-LINE ON-LINE	A Johnson	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.								
CIS-79		Intro Adobe Illustrator Prerequisite: None Description: Fundamentals of Adobe Illustrator including creating objects, drawing paths, designing with type and working with graphics. (Same as CAT-79)						
37195	CIS-79	Lecture Lab	3			ON-LINE ON-LINE	A Johnson	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.								
CIS-80		Word Processing: Microsoft Word for Windows Prerequisite: None Advisory: Typing knowledge/skills with at least 40 wpm 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 CAT-80)						
37196	CIS-80	Lecture Lab	3			ON-LINE ON-LINE	C McConnell-Freeman	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, will be completed online.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
CIS-93		Computers for Beginners						
Prerequisite: None Description: A practical step-by-step introduction to computer literacy topics including computer hardware and software, application skills, the Internet and Internet searching, Web page creation and computer ethics. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.) (Same as CAT-93)								
38173	CIS-93	Lecture	3			ON-LINE	B Fuller	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. Laboratory hours will be completed online.								

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)								
37198	CIS-98A	Lecture	1.5			ON-LINE	B Fuller	08/23 - 10/15/21
		Lab				ON-LINE		08/23 - 10/15/21
The above section is short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, will be completed online. Please note start and end dates.								

CONSTRUCTION TECHNOLOGY

CON-60		Introduction to Construction						
Prerequisite: None Description: An overview of the basic concepts of construction, including city and regional planning, managing, contracting, designing, engineering, estimating, bidding, inspection and production work normally associated with construction. An overview of how building codes affect the design, materials and methods of constructing buildings and other projects. Students will be expected to participate in several field trips. 54 hours lecture. (Letter grade only)								
37236	CON-60	Lecture	3			ON-LINE	J Thomas	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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)								
37237	CON-61	Lecture	3			ON-LINE	P Link	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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)								
38112	CON-62	Lecture	3			ON-LINE	R Skaggs	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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)								
37239	CON-65	Lecture	3			ON-LINE	J Thomas	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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)								
37241	CON-66	Lecture	3	M	06:00PM-09:10PM	IT-123	J Thomas	08/23 - 12/16/21

CON-68		Simplified Engineering for Building Inspectors						
Prerequisite: None Description: Introduction to basic engineering. Fundamental static and stress formulas. Shear and moment diagrams and their applications. Properties of sections and their uses. Design of wood joists, beams, posts and use of tables with practical composite design applications. 54 hours lecture. (Letter grade only)								
37242	CON-68	Lecture	3	W	06:30PM-09:40PM	IT-123	J Thomas	08/23 - 12/16/21

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								
37243	CON-70	Lecture	3	T	06:30PM-09:40PM	IT-122	J Thomas	08/23 - 12/16/21

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.)								
37244	DAN-6	Lecture	3			ON-LINE	E Goe	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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)								
37245	DFT-21	Lecture	3			ON-LINE	F Mirzaei	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37246	DFT-21	Lecture	3	M	02:30PM-03:55PM	ATEC-109	F Mirzaei	08/23 - 12/16/21
		Lab		M	04:05PM-05:30PM	ATEC-109		08/23 - 12/16/21
		Lab		W	02:30PM-05:40PM	ATEC-109		08/23 - 12/16/21

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)								
37247	DFT-27	Lecture	3			ON-LINE	A Johnson	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
37250	DFT-30	Lecture	3			ON-LINE	A Farmand	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
DFT-42		Solidworks I						
Prerequisite: None Advisory: PC computer experience recommended Description: This course is designed to introduce the student to three-dimensional parametric solid modeling with SolidWorks. Students will begin with basic parametric solid modeling techniques advancing into complex assemblies requiring animation. 27 hours lecture and 90 hours of laboratory. (Same as ENE-42)								
37251	DFT-42	Lecture	3			ON-LINE	F Mirzaei	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
38109	DFT-51	Lecture	2			ON-LINE	M Dowlatabadi	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.)								
37254	DFT-52	Lecture	3			ON-LINE	G Cordier	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

EARLY CHILDHOOD EDUCATION

EAR-19		Observation and Assessment in Early Childhood Education						
Prerequisite: None. Advisory: EAR-20 and EAR-24 Description: The appropriate use of a variety of assessment and observation strategies to document child development and behavior. Child observations will be conducted and analyzed. 54 hours lecture. (Letter grade only)								
37256	EAR-19	Lecture	3	MW	02:30PM-03:55PM	IT-209	S Burnett	08/23 - 12/16/21
38160	EAR-19	Lecture	3			ON-LINE	S Burnett	08/23 - 12/16/21
The above section is designed to allow students to remotely participate with the in-person section EAR-19-37256. Students enrolled in this section will be expected to regularly attend class at the scheduled and published times as though they were physically on campus"								
EAR-20		Child Growth and Development						
Prerequisite: None Description: This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. Emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences, and analyze characteristics of development at various stages. Outside observations required. 54 hours lecture.								
37257	EAR-20	Lecture	3	MW	11:10AM-12:35PM	IT-209	M Adams	08/23 - 12/16/21
37258	EAR-20	Lecture	3	TTh	02:30PM-03:55PM	IT-209	E Cortes	08/23 - 12/16/21
37259	EAR-20	Lecture	3			ON-LINE	L Vazquez	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37260	EAR-20	Lecture	3			ON-LINE	S Sumiati	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37262	EAR-20	Lecture	3			ON-LINE	M Adams	08/23 - 12/16/21
The above section is restricted to High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Internet access is required.								
37264	EAR-20	Lecture	3			ON-LINE	R Carreon-Bailey	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com								
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)								
37265	EAR-24	Lecture	3	TTh	09:40AM-11:05AM	IT-209	S Burnett	08/23 - 12/16/21
37987	EAR-24	Lecture	3	Th	06:00PM-09:10PM	IT-209	R Carreon-Bailey	08/23 - 12/16/21
38136	EAR-24	Lecture	3			ON-LINE	S Burnett	08/23 - 12/16/21
The above section is designed to allow students to remotely participate with the in-person section EAR-24-37265. Students enrolled in this section will be expected to regularly attend class at the scheduled and published times as though they were physically on campus"								
EAR-25		Teaching in a Diverse Society						
Prerequisite: None Description: Examines the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching, education and schooling. Culturally relevant and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. Self-reflection of one's own understanding of educational principles in integrating anti-bias goals in order to better inform teaching practices and/or program development. 54 hours lecture. (Letter Grade)								
37266	EAR-25	Lecture	3	TTh	11:15AM-12:40PM	IT-209	S Burnett	08/23 - 12/16/21

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38137	EAR-25	Lecture	3			ON-LINE	S Burnett	08/23 - 12/16/21
The above section is designed to allow students to remotely participate with the in-person section EAR-25-37266. Students enrolled in this section will be expected to regularly attend class at the scheduled and published times as though they were physically on campus"								
EAR-26 Health, Safety and Nutrition								
Prerequisite: None. Description: Introduction to the laws, regulations, standards, policies and procedures, and early childhood curriculum related to child health safety and nutrition. The key components that ensure physical health, mental health, and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. Focus on integrating the concepts into everyday planning and program development. 54 hours lecture. Letter Grade.								
37267	EAR-26	Lecture	3			ON-LINE	L Vazquez	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
EAR-28 Principles and Practices of Teaching Young Children								
Prerequisite: None Description: An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children. Includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity. 54 hours lecture.								
37268	EAR-28	Lecture	3	MW	09:15AM-10:40AM	IT-209	S Burnett	08/23 - 12/16/21
38138	EAR-28	Lecture	3			ON-LINE	S Burnett	08/23 - 12/16/21
The above section is designed to allow students to remotely participate with the in-person section EAR-28-37268. Students enrolled in this section will be expected to regularly attend class at the scheduled and published times as though they were physically on campus"								
EAR-33 Infant and Toddler Development								
PREREQUISITE: None Description: A study of infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Emphasizes the role of family and relationships in development. 54 hour lecture. (Letter grade only)								
37270	EAR-33	Lecture	3			ON-LINE	M Adams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
EAR-40 Intro Children With Special Needs								
Prerequisite: None Description: Introduces variations in development of children with special needs ages birth through eight and the resulting impact on families. Includes an overview of historical and societal influences, laws relating to children with special needs, and the identification and referral process. This course will include required observations of programs for infants and children with special needs and their families. 54 hours lecture. (Letter Grade only.)								
37271	EAR-40	Lecture	3			ON-LINE	M Adams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38139	EAR-40	Lecture	3			ON-LINE	M Adams	08/23 - 12/16/21
The above section is designed to allow students to remotely participate with the in-person section EAR-40-37271. Students enrolled in this section will be expected to regularly attend class at the scheduled and published times as though they were physically on campus"								
EAR-42 Child, Family, and Community								
Prerequisite: None. Description: An examination of the developing child in a societal context which focuses on the interrelationships of family, school, and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted. 54 hours lecture. (Letter grade only)								
37272	EAR-42	Lecture	3			ON-LINE	A Neptune	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37988	EAR-42	Lecture	3			ON-LINE	M Adams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com								
EAR-44 Administration I: Programs in Early Childhood Education								
Prerequisite: EAR-20 and EAR-24 and EAR-28 and EAR-42 Description: Introduction to the administration of early childhood programs. Covers program types, budget, management, regulations, laws, development and implementation of policies and procedures. Examines administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program. 54 hours lecture. (Letter Grade only.)								
37985	EAR-44	Lecture	3			ON-LINE	T Oliver	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com								

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)								
37275	ECO-4	Lecture	3			ON-LINE	C Rajakone	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
ECO-7 Principles of Macroeconomics								
Prerequisite: MAT-52 or qualifying placement level Advisory: MAT-35 Description: Economic theory and analysis as applied to the U.S. economy as a whole. Emphasizes 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)								
37276	ECO-7	Lecture	3	TTh	09:40AM-11:05AM	IT-109	P Boelman	08/23 - 12/16/21
37277	ECO-7	Lecture	3			ON-LINE	P Boelman	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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)								
37279	ECO-8	Lecture	3			ON-LINE	P Boelman	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37280	ECO-8	Lecture	3			ON-LINE	P Boelman	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37281	ECO-8	Lecture	3	TTh	11:15AM-12:40PM	IT-109	P Boelman	08/23 - 12/16/21

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

ELC-72 Commercial and Industrial Electrical Wiring

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

37282	ELC-72	Lecture	4	F	08:30AM-11:40AM	ATEC-119	J Vela	08/23 - 12/16/21
		Lab		F	12:25PM-03:35PM	ATEC-119		08/23 - 12/16/21

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)

37283	ELC-73	Lecture	4			ON-LINE	A Munoz	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with internet access required. www.opencampus.com

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)

37284	ELC-74	Lecture	4			ON-LINE	J Vela	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with internet access required. www.opencampus.com

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)

37286	ELC-75	Lecture	3			ON-LINE	C Keissieh	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with internet access required. www.opencampus.com

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)

38019	ELC-76	Lecture	3			ON-LINE	K Rad	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37287	ELC-77	Lecture	3			ON-LINE	K Rad	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37288	ELE-10	Lecture	4			ON-LINE	K Rad	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37289	ELE-11	Lecture	4			ON-LINE	K Rad	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

ELE-64 Programmable Logic Controllers Using Allen Bradley Plcs

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

37311	ELE-64	Lecture	3			ON-LINE	P Van Hulle	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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)							
37312	ELE-72	Lecture	4	F	08:30AM-11:40AM	ATEC-119	A Munoz	08/23 - 12/16/21
		Lab		F	12:25PM-03:35PM	ATEC-119	J Vela	08/23 - 12/16/21
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)							
37313	ELE-73	Lecture	4			ON-LINE	A Munoz	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with internet access required. www.opencampus.com								
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)							
37314	ELE-74	Lecture	4			ON-LINE	J Vela	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with internet access required. www.opencampus.com								
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)							
37316	ELE-75	Lecture	3			ON-LINE	C Keissieh	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with internet access required. www.opencampus.com								
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)							
38020	ELE-76	Lecture	3			ON-LINE	K Rad	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)							
37317	ELE-77	Lecture	3			ON-LINE	K Rad	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.							
37290	ELE-400	Lecture	3.5	MW	06:00PM-07:10PM	JACT-2	L Vergeront	08/23 - 12/16/21
		Lab		MW	07:20PM-08:45PM	JACT-2		08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
37291	ELE-400	Lecture	3.5	MW	03:00PM-04:10PM	JACT-1	P Conway	08/23 - 12/16/21
		Lab		MW	04:20PM-05:45PM	JACT-1		08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
37292	ELE-400	Lecture	3.5	MW	06:00PM-07:10PM	JACT-9	G Montejano	08/23 - 12/16/21
		Lab		MW	07:20PM-08:45PM	JACT-9		08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
37293	ELE-400	Lecture	3.5	MW	03:00PM-04:10PM	JACT-2	P Brown	08/23 - 12/16/21
		Lab		MW	04:20PM-05:45PM	JACT-2		08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38141	ELE-400	Lecture	3.5	MW	03:00PM-04:10PM	JACT-10	J Bachtel	08/23 - 12/16/21
		Lab		MW	04:20PM-05:45PM	JACT-10		08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
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)							
37294	ELE-402	Lecture	3.5	TTh	06:00PM-07:10PM	JACT-9	G Montejano	08/23 - 12/16/21
		Lab		TTh	07:20PM-08:45PM	JACT-9		08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37295	ELE-402	Lecture Lab	3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-2 JACT-2	J Bachtel	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
37296	ELE-402	Lecture Lab	3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-3 JACT-3	P Conway	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
37297	ELE-402	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-8 JACT-8	S Kadella	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38142	ELE-402	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-3 JACT-3	M Felts	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
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.								
37298	ELE-404	Lecture Lab	3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-10 JACT-10	E Engberson	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
37299	ELE-404	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-2 JACT-2	L Vergeront	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
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								
37300	ELE-406	Lecture Lab	3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-3 JACT-3	F Rodriguez	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
37301	ELE-406	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-5 JACT-5	E Engberson	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38146	ELE-406	Lecture Lab	3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-8 JACT-8	M Felts	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38164	ELE-406	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-4 JACT-4	S Kadella	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
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.								
37302	ELE-408	Lecture Lab	3.5	TTh TTh	03:00PM-04:10PM 04:20PM-05:45PM	JACT-4 JACT-4	F Rodriguez	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
37303	ELE-408	Lecture Lab	3.5	TTh TTh	06:00PM-07:10PM 07:20PM-08:45PM	JACT-5 JACT-5	P Brown	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
38165	ELE-408	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-6 JACT-6	E Engberson	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
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)								
37306	ELE-420	Lecture Lab	3.5	MW MW	06:00PM-07:10PM 07:20PM-08:45PM	JACT-7 JACT-7	P Gomber	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 3-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
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)								
37307	ELE-422	Lecture Lab	3.5	MW MW	03:00PM-04:10PM 04:20PM-05:45PM	JACT-7 JACT-7	P Gomber	08/23 - 12/16/21 08/23 - 12/16/21
The above course is part of a 3-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.								
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)								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37308	ELE-424	Lecture	3.5	TTh	06:00PM-07:10PM	JACT-7	P Gomber	08/23 - 12/16/21
		Lab		TTh	07:20PM-08:45PM	JACT-7		08/23 - 12/16/21

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

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)

37309	ELE-499	Lecture	4	S	08:00AM-08:50AM	JACT-1	J Rowe	08/23 - 12/16/21
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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.

37310	ELE-499	Lecture	4	S	09:00AM-09:50AM	JACT-1	J Rowe	08/23 - 12/16/21
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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.)

38021	ENE-10	Lecture	3			ON-LINE	A Johnson	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

38083	ENE-21	Lecture	3			ON-LINE	F Mirzaei	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

38084	ENE-21	Lecture	3	M	02:30PM-03:55PM	ATEC-109	F Mirzaei	08/23 - 12/16/21
		Lab		M	04:05PM-05:30PM	ATEC-109		08/23 - 12/16/21
		Lab		W	02:30PM-05:40PM	ATEC-109		08/23 - 12/16/21

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)

37320	ENE-27	Lecture	3			ON-LINE	A Johnson	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37323	ENE-30	Lecture	3			ON-LINE	A Farmand	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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.)

38022	ENE-35	Lecture	3	Th	02:30PM-05:40PM	IT-127	A Johnson	08/23 - 12/16/21
38023	ENE-35	Lecture	3			ON-LINE	A Johnson	08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

38024	ENE-41	Lecture	3			ON-LINE	M Dowlatbadi	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

ENE-42 SolidWorks I

Prerequisite: None Advisory: PC computer experience recommended Description: Introduces the student to three-dimensional parametric solid modeling with SolidWorks. Students will begin with basic parametric solid modeling techniques advancing into complex assemblies requiring animation. 27 hours lecture and 81 hours laboratory. Same as DFT-42. (Letter grade or Pass/No Pass option)

37324	ENE-42	Lecture	3			ON-LINE	F Mirzaei	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

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

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.)

38107	ENE-51	Lecture	2			ON-LINE	M Dowlatbadi	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ENE-52		Geometric Dimensioning and Tolerancing						
Prerequisite: None Description: Presents the basics of the Standards of Geometric Dimensioning and Tolerancing. This course will help students read, interpret and use ANSI Y14.5M, the current standard for drafting. 36 hours lecture. 54 hours lab. Same as DFT-52. (Letter Grade, or Pass/No Pass option.)								
37327	ENE-52	Lecture	3			ON-LINE	G Cordier	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
ENGLISH								
ENG-1A		English Composition						
Prerequisite: ESL-50 or ENG-50 or ENG-80 or qualifying placement Description: Emphasizes skills in critical reading, and writing, including research. Integrated reading and writing assignments respond to various rhetorical situations. Students will produce a minimum of 7500 words of assessed writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade)								
37332	ENG-1A	Lecture	4			ON-LINE	M Bader	08/23 - 10/15/21
		Lab				ON-LINE		08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37333	ENG-1A	Lecture	4	MWF	09:15AM-10:30AM	CACT-1	J Gianunzio	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
37334	ENG-1A	Lecture	4	MWF	08:30AM-09:45AM	IT-110	L Hernandez	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is a hybrid class and is linked to ENG 91 37421. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91.								
37335	ENG-1A	Lecture	4	MWF	09:15AM-10:30AM	IT-108	S Camacho	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
37336	ENG-1A	Lecture	4	Th	09:40AM-11:45AM	HUM-102	N Morford	08/23 - 12/16/21
						ON-LINE		08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
37337	ENG-1A	Lecture	4	T	09:40AM-11:45AM	HUM-102	N Morford	08/23 - 12/16/21
						ON-LINE		08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
37339	ENG-1A	Lecture	4	Th	02:00PM-04:05PM	IT-123	A Elizalde	08/23 - 12/16/21
						ON-LINE		08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
37340	ENG-1A	Lecture	4	Th	10:00AM-11:30AM	REG-MEET	K Johnson-Jimenez	09/07 - 12/16/21
		Lab				ON-LINE		09/07 - 12/16/21
The above section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor(sean.davis@norcocollege.edu) prior to enrolling. The above section is an online class and is linked to ENG 91 37409. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91. Concurrent enrollment in GUI-48 37992 is also required. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates. This class will meet SYNCHRONOUSLY THURSDAYS 10:00AM - 11:30AM.								
37341	ENG-1A	Lecture	4			ON-LINE	M Bader	08/23 - 10/15/21
		Lab				ON-LINE		08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37343	ENG-1A	Lecture	4			ON-LINE	J Watson	09/07 - 12/16/21
		Lab				ON-LINE		09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37344	ENG-1A	Lecture	4	TTh	02:00PM-04:05PM	CACT-1	A Moore	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is a hybrid class and is linked to ENG 91 37419. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91.								
37345	ENG-1A	Lecture	4	T	02:00PM-04:05PM	IT-123	A Elizalde	08/23 - 12/16/21
						ON-LINE		08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
37346	ENG-1A	Lecture	4	MW	06:15PM-08:20PM	IT-111	J Lovell	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
37347	ENG-1A	Lecture	4			ON-LINE	M Bader	10/18 - 12/16/21
		Lab				ON-LINE		10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37348	ENG-1A	Lecture	4			ON-LINE	T Comstock	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37349	ENG-1A	Lecture Lab	4	MW	02:00PM-04:05PM	CACT-1 ON-LINE	A Elizalde	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com .								
37350	ENG-1A	Lecture Lab	4	MWF	11:15AM-12:30PM	CACT-1 ON-LINE	E Robles	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and is linked to ENG 91 37408. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91.								
37351	ENG-1A	Lecture Lab	4	MWF	07:45AM-09:00AM	IT-206 ON-LINE	R Mansikka	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com .								
37352	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	R Hitch	08/23 - 12/16/21 08/23 - 12/16/21
The above section will have reading and writing assignments focusing on the Chicano experience and is designed for students in the Puente Program. Concurrent enrollment in GUI-48-38384 is required. See the instructor and a counselor before enrolling. The above section is a online class and is linked to ENG 91 37418 and it has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com . ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91.								
37353	ENG-1A	Lecture Lab	4	TTh	02:00PM-04:05PM	IT-111 ON-LINE	S Camacho	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com .								
37354	ENG-1A	Lecture Lab	4	MWF	11:15AM-12:30PM	IT-206 ON-LINE	M Pelle	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and is linked to ENG 91 37410. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91.								
37355	ENG-1A	Lecture Lab	4	M	09:15AM-11:05AM	IT-206 ON-LINE	N Capps	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com .								
37357	ENG-1A	Lecture Lab	4	TTh	09:00AM-11:05AM	IT-206 ON-LINE	A Moore	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com .								
37358	ENG-1A	Lecture Lab	4	Th	06:00PM-07:30PM	LIBR-121 ON-LINE ON-LINE	D Turrubiates	08/23 - 12/16/21 08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com .								
37359	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	R Mansikka	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com . All hours, including the 18-hour laboratory requirement, are completed online.								
37360	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	T Comstock	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com . All hours, including the 18-hour laboratory requirement, are completed online.								
37361	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Capps	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com . All hours, including the 18-hour laboratory requirement, are completed online.								
37363	ENG-1A	Lecture Lab	4			ON-LINE	S Hicks	08/23 - 12/16/21 08/23 - 12/16/21
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. The above section is a online class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com .								
37364	ENG-1A	Lecture Lab	4	Th	07:20AM-09:25AM	IT-111 ON-LINE ON-LINE	T Comstock	08/23 - 12/16/21 08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com .								
37365	ENG-1A	Lecture Lab	4	T	07:20AM-09:25AM	IT-111 ON-LINE ON-LINE	T Comstock	08/23 - 12/16/21 08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com .								
37366	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	A Elizalde	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com . All hours, including the 18-hour laboratory requirement, are completed online.								
37367	ENG-1A	Lecture Lab	4	Th	10:00AM-11:30AM	REG-MEET ON-LINE	S Camacho	09/07 - 12/16/21 09/07 - 12/16/21
The above section is centered on the Men of Color experience and is intended for students in the Men of Color Scholars Program. See the Men of Color Scholar counselor (daniel.grajeda@rccd.edu) prior to enrolling. The above section is an online class and is linked to ENG 91 37412. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com . All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates. This class will meet SYNCHRONOUSLY ONLINE EVERY THURSDAY 10:00AM - 11:30AM.								
37369	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Morford	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com . All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37370	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	C Young	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37371	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	C Young	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term Online class and is linked to ENG 91 37416. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91. Please note the start and end time.								
37372	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	B Alhoch	09/07 - 12/16/21 09/07 - 12/16/21
The above section is an online class and is linked to ENG 91 37415. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37374	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Hill	09/07 - 12/16/21 09/07 - 12/16/21
The above section is an online class and is linked to ENG 91 37417. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37375	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Watson	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.								
37376	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	C Brownell	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class and is linked to ENG 91 37420. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This class must be taken simultaneously with ENG 91 (2 UNITS). In order to enroll in this section of ENG 1A (4 Units), you must first enroll in ENG 91.								
37377	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	S Hanson	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates. The above section is a hybrid								
37380	ENG-1A	Lecture Lab	4			ON-LINE	S Hicks	08/23 - 12/16/21 08/23 - 12/16/21
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program. The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
37381	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	S Hanson	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
38166	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	S Hicks	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
38167	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Soriano	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
38168	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	N Soriano	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
38180	ENG-1A	Lecture Lab	4			ON-LINE ON-LINE	J Lovell	10/18 - 12/16/21 10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
ENG-1AH Honors English Composition								
Prerequisite: ESL-50 or ENG-50 or ENG-80 or qualifying placement level Limitation on enrollment: Enrollment in the Honors Program Description: Emphasizes skills in critical reading, and writing, including research. Integrated reading and writing assignments respond to various rhetorical situations. Students will produce a minimum of 7500 words of assessed writing. Classroom instruction integrates writing lab activities. This Honors course offers an enriched experience for accelerated students through limited class size; seminar format; focus on primary texts; and application of higher level critical thinking skills. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade)								
37382	ENG-1AH	Lecture Lab	4	T	09:40AM-11:10AM	REG-MEET ON-LINE	D Reade	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates. Class will meet synchronously Tuesdays, 9:40AM - 11:10AM.								
ENG-1B Critical Thinking and Writing								
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)								
37383	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	C Young	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.								
37384	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	T Wallace	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37385	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	R Marsh	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37386	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	L Hernandez	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.								
37388	ENG-1B	Lecture Lab	4	Th	02:00PM-03:30PM	REG-MEET ON-LINE	K Johnson-Jimenez	09/07 - 12/16/21 09/07 - 12/16/21
The above section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor(sean.davis@norccollege.edu) prior to enrolling. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates. This class will meet SYNCHRONOUSLY THURSDAYS 2:00PM - 3:30PM.								
37389	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	L Hernandez	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37390	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	R Marsh	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.								
37391	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	T Wallace	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.								
37392	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	J Reed	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37393	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	J Reed	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a Online class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
37394	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	M Muldoon	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.								
37395	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	D Mattson	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37396	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	J Dobson	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37399	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	J Dobson	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37949	ENG-1B	Lecture Lab	4	MWF	11:15AM-12:30PM	IT-108 ON-LINE	D Mattson	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.								
38104	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	S Camacho	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.								
38105	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	A Long	10/18 - 12/16/21 10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
38129	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	C Briggs	10/18 - 12/16/21 10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
38130	ENG-1B	Lecture Lab	4			ON-LINE ON-LINE	M Muldoon	10/18 - 12/16/21 10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
ENG-4 Writing Tutor Training								
Prerequisite: ENG-1A or ENG-1AH Description: Designed to prepare students to become peer tutors in the Writing Center. Participants learn specific tutoring techniques and discuss problems, questions, and challenges in tutoring writing. Tutors develop student-centered, non-intrusive tutoring skills that avoid appropriating the text (i.e., becoming a proofreader, editor, or co-author). Topics include theory and practice of tutoring writing, including writing as a process, interpersonal communication techniques, cross-cultural tutoring, group learning, and computer programs applicable to writing instruction. 27 hours lecture and 27 hours laboratory. (TBA option)								
37402	ENG-4	Lecture Lab	2			ON-LINE ON-LINE	N Capps	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ENG-7		British Literature II: Romanticism through Modernism/Post-Modernism						
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.)								
37959	ENG-7	Lecture	3			ON-LINE	D Reade	09/27 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
ENG-8		Introduction to Mythology						
Prerequisite: NONE Advisory: ENG-1B or ENG-1BH and REA-83 Description: A study of Greco-Roman and other mythological traditions. Emphasizes the historical sources and cultural functions of myths and legends in ancient societies and their continuing relevance to modern thought and culture. 54 hours lecture. (Same as HUM-8)								
37406	ENG-8	Lecture	3			ON-LINE	D Reade	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
ENG-9		Introduction to Shakespeare						
Prerequisite: None Advisory: ENG-1B or ENG-1BH Description: A survey of Shakespeares plays and poetry, with the primary emphasis on exposing students to a representative sampling of his dramatic works and to the cultural, intellectual, and artistic contexts for his work. Both students who have read Shakespeare before and students who have no experience with Shakespeare are encouraged to take this class. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)								
37962	ENG-9	Lecture	3			ON-LINE	A Moore	09/27 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
ENG-11		Creative Writing						
Prerequisite: ENG-1A or ENG-1AH Description: Studies in fundamental principles and practice of writing fiction and poetry. Lectures and discussions emphasize analysis of professional examples of creative writing and study of creative writing theory. In-class workshops provide practice in creative writing techniques. In-class and out-of-class class writing assignments provide practice in writing techniques and in peer- and self-analysis. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)								
37330	ENG-11	Lecture	3			ON-LINE	C Young	09/27 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
ENG-30		Children's Literature						
Prerequisite: ENG-50 or ENG-80 or eligibility for ENG-1A Description: A general survey of children's literature from early times, with emphasis on contemporary works, including fantasy/science fiction, realistic, multicultural, and historical fiction. Both oral and written assignments are required. 54 hours lecture. (Letter Grade, or Pass/No pass option)								
37401	ENG-30	Lecture	3			ON-LINE	K Johnson-Jimenez	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
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.)								
37958	ENG-40	Lecture	3			ON-LINE	A Moore	09/27 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
ENG-91		Academic Support for Eng 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.)								
37408	ENG-91	Lecture	2	M	12:40PM-01:30PM	CACT-1	E Robles	08/23 - 12/16/21
				W	12:40PM-01:45PM	CACT-1		08/23 - 12/16/21
The above section is linked to ENG 1A 37350. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units.								
37409	ENG-91	Lecture	2			ON-LINE	K Johnson-Jimenez	09/07 - 12/16/21
The above section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. See the Umoja counselor (sean.davis@norccollege.edu) prior to enrolling. The above section is a short term on line class and is linked to ENG 1A 37340. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units. Concurrent enrollment in GUI-48 37992 is also required. Please note the start and end dates.								
37410	ENG-91	Lecture	2	M	12:40PM-01:30PM	IT-206	M Pelle	08/23 - 12/16/21
				W	12:40PM-01:45PM	IT-206		08/23 - 12/16/21
The above section is linked to ENG 1A 37354. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units.								
37412	ENG-91	Lecture	2			ON-LINE	S Camacho	09/07 - 12/16/21
The above section is centered on the Men of Color experience and is intended for students in the Men of Color Scholars Program. See the Men of Color Scholar counselor (daniel.grajeda@rccd.edu) prior to enrolling. The above section is linked to ENG 1A 37367. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37415	ENG-91	Lecture	2			ON-LINE	B Alhoch	09/07 - 12/16/21
The above section is linked to ENG 1A 37372. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37416	ENG-91	Lecture	2			ON-LINE	C Young	09/07 - 12/16/21
The above section is linked to ENG 1A 37371. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
37417	ENG-91	Lecture	2			ON-LINE	J Hill	09/07 - 12/16/21
The above section is linked to ENG 1A 37374. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37418	ENG-91	Lecture	2			ON-LINE	R Hitch	08/23 - 12/16/21
The above section is linked to ENG 1A 37352. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units.								
37419	ENG-91	Lecture	2	T Th	04:15PM-05:05PM 04:15PM-05:20PM	CACT-1 CACT-1	A Moore	08/23 - 12/16/21 08/23 - 12/16/21
The above section is linked to ENG 1A 37344. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units.								
37420	ENG-91	Lecture	2			ON-LINE	C Brownell	08/23 - 12/16/21
The above section is linked to ENG 1A 37376. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units.								
37421	ENG-91	Lecture	2	M W	09:55AM-10:45AM 09:55AM-11:00AM	IT-110 IT-110	L Hernandez	08/23 - 12/16/21 08/23 - 12/16/21
The above section is linked to ENG 1A 37334. When you enroll in this class, you are agreeing that you are also enrolling in the linked ENG 1A. ENG 91 is a support course designed for students who want extra class time and instruction to complete ENG 1A in a single term. This section of ENG 91 (2 units) must be taken simultaneously with the linked ENG 1A (4 units) for a total of 6 units.								

ENGLISH AS A SECOND LANGUAGE

ESL-46	Beginning American College English Prerequisite: None Advisory: Students should be aware that courses are taught in English. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at beginning level to prepare students to enter ESL 47. Students will produce a minimum of 1,250 words of instructor-evaluated writing with an emphasis on academic paragraph writing in response to reading. 90 hours lecture. (Letter Grade or Pass/No Pass Option.)							
38001	ESL-46	Lecture	5	TTh	06:30PM-09:00PM	IT-211	L Tougas	08/23 - 12/16/21
ESL-47	Low-Intermediate American College English Prerequisite: ESL-46 or ESL-846 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at a low-intermediate level to prepare students to enter ESL 48. Students will produce a minimum of 2,250 words of instructor-evaluated writing with an emphasis on academic paragraph writing in response to reading. 90 hours lecture. (Letter Grade or Pass/No Pass Option.)							
38003	ESL-47	Lecture	5			ON-LINE	M Shirinian	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
ESL-48	Intermediate American College English Prerequisite: ESL-47 or ESL-847 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing reading, and oral language expression in academic American English language at an intermediate level to prepare students to enter ESL 49. Students will produce a minimum of 3,500 instructor-evaluated writing with an emphasis on basic essay writing in response to reading. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) Letter Grade.							
38004	ESL-48	Lecture	5	M W M	06:30PM-08:30PM 06:30PM-09:30PM 08:40PM-09:30PM	IT-211 IT-211 IT-211	D Tougas	08/23 - 12/16/21 08/23 - 12/16/21 08/23 - 12/16/21
ESL-49	High-Intermediate American College English Prerequisite: ESL-48 or ESL-848 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at an intermediate level to prepare students to enter ESL 50. Students will produce a minimum of 6,000 words of instructor-evaluated writing with an emphasis on essay writing in response to reading. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) Letter Grade.							
38007	ESL-49	Lecture Lab	5	MW	09:15AM-10:50AM	IT-211 ON-LINE	M Shirinian	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
ESL-50	Advanced American College English Prerequisite: ESL-49 or ESL-849 or qualifying placement. Description: Designed for non-native speakers of English. Develops writing, reading, and oral language expression in academic American English language at an advanced level to prepare students to enter English 1A. Students will produce a minimum of 7,000 words of instructor-evaluated writing with an emphasis on expository essay writing in response to advanced readings from various sources and a novel. Classroom instruction integrates writing lab activities. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter grade only)							
38011	ESL-50	Lecture Lab	5	MW	10:55AM-12:30PM	IT-211 ON-LINE	M Shirinian	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
ESL-92	Oral Skills II: Intermediate Oral Communication Prerequisite: None Advisory: ESL-91 and concurrent enrollment in ESL 53 or 54 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.)							
38013	ESL-92	Lecture Lab	3			ON-LINE ON-LINE	M Shirinian	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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.)							
37429	FRE-1	Lecture Lab	5			ON-LINE ON-LINE	A Smith	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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

37941	GAM-1	Lecture	3			ON-LINE	J Finley	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37950	GAM-1	Lecture	3			ON-LINE	R Bourbeau	08/23 - 12/16/21
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The above section is an online class. Computer with internet access is required.

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)

37933	GAM-2	Lecture	3			ON-LINE	C Chance	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37934	GAM-2	Lecture	3	TTh	11:15AM-12:40PM	ATEC-118	J Coverdale	08/23 - 12/16/21
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37935	GAM-2	Lecture	3			ON-LINE	J Finley	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access is required. See www.opencampus.com

37937	GAM-2	Lecture	3			ON-LINE	J Finley	08/23 - 12/16/21
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The above section is an online class. Internet access is required.

38051	GAM-2	Lecture	3			ON-LINE	J Finley	08/23 - 12/16/21
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The above section is restricted to students enrolled in the California Virtual Academy (CAVA) only. The section is an online class. Computer internet access required. See www.opencampus.com

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.

37940	GAM-3A	Lecture	3			ON-LINE	C Chance	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access is required. See www.opencampus.com.

37948	GAM-3A	Lecture	3			ON-LINE	C Chance	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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.

37946	GAM-4A	Lecture	3			ON-LINE	T Tomey	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access is required.

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.

37945	GAM-5A	Lecture	3			ON-LINE	J Clendenning	08/23 - 12/16/21
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The above section is an online class. Internet access is required.

37955	GAM-5A	Lecture	3			ON-LINE	J Clendenning	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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.

37951	GAM-6A	Lecture	3			ON-LINE	J Clendenning	08/23 - 12/16/21
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The above section is an online class. Computer with internet access is required.

37956	GAM-6A	Lecture	3			ON-LINE	J Clendenning	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37952	GAM-7	Lecture	3			ON-LINE	J Clendenning	08/23 - 12/16/21
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The above section is an online class. Computer with internet access is required.

GAM-8 Current Topics in Game Development

Prerequisite: None Advisory: CIS-78A Description: Curriculum restructure to streamline the program and flatten structure. This course allows for much needed flexibility and adaptability in our programs, allowing us to stay current without needing to constantly restructure our offerings.

37954	GAM-8	Lecture	3			ON-LINE	J Finley	08/23 - 12/16/21
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The above section is an online class. Computer with internet access is required.

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)

37430	GEG-1	Lecture	3			ON-LINE	E Ogbuchiekwe	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37431	GEG-1	Lecture	3	TTh	08:00AM-09:25AM	ATEC-205	S Justice	08/23 - 12/16/21
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37432	GEG-1	Lecture	3	MW	12:45PM-02:10PM	ATEC-205	R Christov	08/23 - 12/16/21
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37433	GEG-1	Lecture	3	M	06:00PM-09:10PM	ATEC-205	E Peprah	08/23 - 12/16/21
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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37909	GEG-1	Lecture	3			ON-LINE	N Prajapati	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37910	GEG-1	Lecture	3	MW	07:35AM-09:00AM	ATEC-114	S Justice	08/23 - 12/16/21
38097	GEG-1	Lecture	3			ON-LINE	N Prajapati	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required.								
38127	GEG-1	Lecture	3			ON-LINE	E Ogbuchiekwe	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38178	GEG-1	Lecture	3			ON-LINE	S Justice	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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.								
37435	GEG-1H	Lecture	3			ON-LINE	S Justice	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.								
37436	GEG-1L	Lecture	1	MW	11:10AM-12:35PM	ATEC-205	S Justice	08/23 - 12/16/21
37437	GEG-1L	Lecture	1	TTh	11:15AM-12:40PM	ATEC-205	S Justice	08/23 - 12/16/21
37439	GEG-1L	Lecture	1	W	06:00PM-09:10PM	ATEC-205	E Peprah	08/23 - 12/16/21
37440	GEG-1L	Lecture	1			ON-LINE	R Christov	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37441	GEG-1L	Lecture	1	MW	09:15AM-10:40AM	ATEC-205	S Justice	08/23 - 12/16/21
38128	GEG-1L	Lecture	1			ON-LINE	E Ogbuchiekwe	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38179	GEG-1L	Lecture	1			ON-LINE	S Justice	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
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)								
37442	GEG-3	Lecture	3			ON-LINE	R Christov	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
GUIDANCE								
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.)								
37444	GUI-46	Lecture	1			ON-LINE	B Quintanar	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38025	GUI-46	Lecture	1			ON-LINE	B Quintanar	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
GUI-47 Career Exploration and Life Planning								
Prerequisite: None Description: In depth career and life planning: Topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.								
37445	GUI-47	Lecture	3			ON-LINE	M Iliscupidez	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37446	GUI-47	Lecture	3			ON-LINE	C Parra	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37447	GUI-47	Lecture	3			ON-LINE	M Iliscupidez	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37448	GUI-47	Lecture	3	M	09:15AM-10:40AM	HUM-102 ON-LINE	J Midgett	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
37449	GUI-47	Lecture	3			ON-LINE	E Montgomery	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37450	GUI-47	Lecture	3			ON-LINE	J Frith	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37452	GUI-47	Lecture	3			ON-LINE	E Montgomery	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37453	GUI-47	Lecture	3	TTh	08:00AM-09:25AM	JFK-106	C Lopez Ediss	08/23 - 12/16/21
The above section is restricted go JFK High School Freshmen participating in Norco College's Dual Enrollment Program.								
37454	GUI-47	Lecture	3			ON-LINE	A Moreno	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37456	GUI-47	Lecture	3			IT-106	A Iglesias	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37457	GUI-47	Lecture	3	W	09:15AM-10:40AM	HUM-102 ON-LINE	J Moore	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
37458	GUI-47	Lecture	3	Th	08:00AM-09:25AM	REG-MEET ON-LINE	D Grajeda	08/23 - 12/16/21 08/23 - 12/16/21
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. The above section is an Synchronous online class. Computer with Internet access required. See www.opencampus.com.								
37460	GUI-47	Lecture	3	MW	08:00AM-09:25AM	JFK-106	B Serrano Madsen	08/23 - 12/16/21
The above section is restricted go JFK High School Freshmen participating in Norco College's Dual Enrollment Program.								
37461	GUI-47	Lecture	3	MW	09:35AM-11:00AM	JFK-106	B Serrano Madsen	08/23 - 12/16/21
The above section is restricted go JFK High School Freshmen participating in Norco College's Dual Enrollment Program.								
37462	GUI-47	Lecture	3			CENT-ONLN	A Bailey	08/23 - 12/16/21
The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.opencampus.com.								
37463	GUI-47	Lecture	3			ERHS-ONLN	A Bailey	08/23 - 12/16/21
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program. This section is an online class. Computer with Internet access required. See www.opencampus.com.								
37464	GUI-47	Lecture	3			ON-LINE	A Bailey	08/23 - 12/16/21
The section is designed with special emphasis on African American culture. Contact the Umoja counselor sean.davis@norcocollege.edu) prior to enrolling. This section is an online class. Computer with Internet access required. See www.opencampus.com.								
37465	GUI-47	Lecture	3			ON-LINE	C Flores	08/23 - 12/16/21
The above section is designed with special emphasis on African American culture.								
37466	GUI-47	Lecture	3			ON-LINE	M Jurado-Martinez	08/23 - 12/16/21
The above section is designed for the Puente Community. Please see the Puente Counselor in the Counseling Department prior to enrolling. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37983	GUI-47	Lecture	3	TTh	09:35AM-11:00AM	JFK-106	C Lopez Ediss	08/23 - 12/16/21
The above section is restricted go JFK High School Freshmen participating in Norco College's Dual Enrollment Program.								
37995	GUI-47	Lecture	3	MW	03:00PM-04:25PM	CENT-206	A Thompson	08/23 - 12/16/21
The above section is restricted to Centennial High School students participating in Norco College's Dual Enrollment Program.								
37997	GUI-47	Lecture	3	TTh	03:00PM-04:25PM	SANT-P108	B Serrano Madsen	08/23 - 12/16/21
The above section is restricted to Santiago High School students participating in Norco College's Dual Enrollment Program.								
GUI-48	College Success Strat							
Prerequisite: None Description: This comprehensive course integrates personal growth and values, academic study strategies and critical thinking techniques. Students will obtain skills and personal/interpersonal awareness necessary to succeed in college. 54 hours lecture. (Letter grade only)								
37472	GUI-48	Lecture	3			ON-LINE	R Chacon	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37474	GUI-48	Lecture	3			ON-LINE	C Beirne	08/23 - 12/16/21
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. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37478	GUI-48	Lecture	3			ON-LINE	A Davis	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37479	GUI-48	Lecture	3			ON-LINE	R Chacon	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37992	GUI-48	Lecture	3	Th	08:00AM-09:25AM	REG-MEET ON-LINE	A Davis	08/23 - 12/16/21 08/23 - 12/16/21
The above section is designed with special emphasis on African American culture. Contact the Umoja counselor (sean.davis@norcocollege.edu) prior to enrolling. Concurrent enrollment in ENG-1A-37340 and ENG-91-37409 is also required. This above class is an online Synchronously class with weekly meetings.								

HEALTH SCIENCE

HES-1	Health Science							
Prerequisite: None Description: A general education course that offers a basic study of human health and health care as revealed in the anatomy and physiology of the body, nutrition, exercise, stress management, weight management, protection from degenerative and communicable diseases, personal safety, environmental health, wellness, and professional medical care. Students will explore making responsible decisions regarding all aspects of healthy life style including getting fit, disease prevention and treatments, substances use and abuse, human sexuality, and selection of health providers. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification. 54 hours lecture. Letter Grade. (Same as BIO-35)								
37482	HES-1	Lecture	3	MW	12:45PM-02:10PM	IT-117	T Wallstrom	08/23 - 12/16/21
37483	HES-1	Lecture	3			ON-LINE	V Genian	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com .								
37484	HES-1	Lecture	3			ON-LINE	S Witmer	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com .								
37485	HES-1	Lecture	3			ON-LINE	T Wallstrom	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com .								
37486	HES-1	Lecture	3			ON-LINE	T Wallstrom	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com .								
37487	HES-1	Lecture	3	Th	06:30PM-09:40PM	WEQ-W7	N Corselli	08/23 - 12/16/21
37489	HES-1	Lecture	3			ON-LINE	T Wallstrom	10/18 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com .								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
38152	HES-1	Lecture	3			ON-LINE	V Genian	08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37491	HIS-1	Lecture	3			ON-LINE	S Kyriakos	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

38101	HIS-1	Lecture	3			ON-LINE	S Kyriakos	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37494	HIS-6	Lecture	3			ON-LINE	T Russell	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37495	HIS-6	Lecture	3	MW	09:15AM-10:40AM	HUM-103	T Russell	08/23 - 12/16/21
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37497	HIS-6	Lecture	3			ON-LINE	C Delgadillo	09/07 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37499	HIS-6	Lecture	3			ON-LINE	T Russell	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37500	HIS-6	Lecture	3			HUM-103	H Vion	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37501	HIS-6	Lecture	3			ON-LINE	T Knight	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

HIS-6H Honors United States History to 1877

Prerequisite: None Advisory: REA-83, ENG-50 and ENG-50 or qualification for ENG-1A Limitation on enrollment: Enrollment in Honors Program 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. This honors course offers an enriched experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher level critical thinking skills. Students may not receive credit for both HIS-6 and and HIS-6H. 54 hours lecture.

37502	HIS-6H	Lecture	3	TTh	08:00AM-09:25AM	HUM-103	T Russell	08/23 - 12/16/21
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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.

37503	HIS-7	Lecture	3			ON-LINE	H Vion	09/07 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37504	HIS-7	Lecture	3	MW	11:10AM-12:35PM	HUM-103	B Baca	08/23 - 12/16/21
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37505	HIS-7	Lecture	3			ON-LINE	S Kyriakos	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37506	HIS-7	Lecture	3			ON-LINE	B Baca	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37507	HIS-7	Lecture	3	TTh	11:15AM-12:40PM	HUM-103	B Baca	08/23 - 12/16/21
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37508	HIS-7	Lecture	3			ON-LINE	S Kyriakos	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37509	HIS-7	Lecture	3	W		HUM-103	D Reina	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37510	HIS-7	Lecture	3			ON-LINE	C Delgadillo	09/07 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37511	HIS-7	Lecture	3	F	08:00AM-11:10AM	HUM-103	H Vion	08/27 - 12/10/21
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37512	HIS-7	Lecture	3			ON-LINE	S Kyriakos	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37914	HIS-7	Lecture	3			CAVA-ONLN	D Reina	08/23 - 12/16/21
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The above section is restricted to CAVA Online High School students participating in Norco College's Dual Enrollment Program.

38063	HIS-7	Lecture	3	MW	12:15PM-01:40PM	JVHS-A-19	L Pelgone	08/23 - 12/16/21
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The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.

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)

37492	HIS-14	Lecture	3			ON-LINE	T Russell	09/07 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
HIS-31		Introduction to Chicana/O/X Studies						
Prerequisite: None. Description: Introduction to the study of the Chicana/o/x people, including their history, identity, and culture. Key moments in the history of the Chicana/o/x population are highlighted from the pre-Columbian and Spanish colonial periods to the present. Emphasis is placed on analyzing the complexity and diversity of the culture and identity of the Chicana/o/x people, with focus on race and ethnicity, class, citizenship, gender, sexuality, and region. 54 hours lecture. (Same as ETS-2) (Letter grade only)								
37908	HIS-31	Lecture	3	TTh	02:00PM-03:25PM	HUM-103	C Delgadillo	08/23 - 12/16/21
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)								
37493	HIS-34	Lecture	3			ON-LINE	D Reina	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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.								
37519	HUM-4	Lecture	3			ON-LINE	A Silva	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.								
37975	HUM-5	Lecture	3			ON-LINE	A Silva	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38045	HUM-5	Lecture	3			ON-LINE	G DeAngelis	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
HUM-8		Introduction to Mythology						
Prerequisite: None Advisory: ENG-1B or ENG-1BH and REA-83 Description: A study of Greco-Roman and other mythological traditions. Emphasizes the historical sources and cultural functions of myths and legends in ancient societies and their continuing relevance to modern thought and culture. 54 hours lecture. (Same as ENG - 8)								
37523	HUM-8	Lecture	3			ON-LINE	D Reade	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.								
HUM-10		World Religions						
Prerequisite: None Advisory: REA-83 and qualification for English 1A Description: Thought and concepts of the major religious systems, including primal religions, extinct religions, Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Judaism, Christianity, and Islam. Students may not receive credit for both HUM-10 and HUM-10H. 54 hours lecture.								
37513	HUM-10	Lecture	3	M	06:00PM-09:10PM	LIBR-121	M Bobo	08/23 - 12/16/21
37514	HUM-10	Lecture	3	T	06:00PM-09:10PM	WEQ-W6B	D Ketcham	08/23 - 12/16/21
37515	HUM-10	Lecture	3			ON-LINE	M Bobo	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38089	HUM-10	Lecture	3			ON-LINE	M Bobo	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38133	HUM-10	Lecture	3			ON-LINE	M Bobo	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
HUM-10H		Honors World Religions						
Prerequisite: None Advisory: REA-83 and qualification for English 1A Limitation on enrollment: Enrollment in Honors Program Description: Thought and concepts of the major religious systems, including primal religions, extinct religions, Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Judaism, Christianity, and Islam. This Honors course offers an enriched experience for students through limited class size, seminar format, discussions and projects generated and led by students, a focus on primary texts in translation and the application of higher level thinking and writing skills analysis, synthesis and evaluation. Students may not receive credit for both HUM-10 and HUM-10H. 54 hours lecture.								
37517	HUM-10H	Lecture	3			ON-LINE	M Bobo	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
37973	HUM-16	Lecture	3			ON-LINE	M Bobo	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

INTERDISCIPLINARY STUDIES

ILA-1		Introduction to Tutor Training						
Prerequisite: None Advisory: Qualification for ENG-1A Description: Introduction to tutoring, with an emphasis on tutoring strategies, learning styles, problem solving, and working with diverse student populations. Designed to prepare students to become peer tutors in a variety of subject areas. Tutors develop student-centered, non-intrusive tutoring skills to meet a wide variety of student needs. Topics include theory, practice and ethics of tutoring, interpersonal communications techniques, tutoring diverse student populations, and group tutorial methods and practical field work. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)								
37524	ILA-1	Lecture	1	W	05:30PM-07:35PM	REG-MEET	M Sloniger	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end date.								

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

JOU-7 Mass Communications

Prerequisite: None. Advisory: ENG-50 or ENG-80 or qualifying placement into ENG-1A. Description: Survey of mass communication and the interrelationships of media with society including history, structure, and trends in a digital age. Discussion of theories and effects, economics, technology, law and ethics, global media, media literacy, and social issues, including gender and cultural diversity. 54 hours lecture.

37538	JOU-7	Lecture	3			ON-LINE	J Vierra	10/18 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

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.)

37568	KIN-V01	Lecture	3			ON-LINE	M Tongg	08/23 - 12/16/21
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The above section is Varsity Men's Cross Country. To enroll please contact the coach. The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37549	KIN-4	Lecture	3			ON-LINE	T Wallstrom	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37550	KIN-4	Lecture	3			ON-LINE	T Wallstrom	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37551	KIN-4	Lecture	3			ON-LINE	T Wallstrom	10/18 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37552	KIN-4	Lecture	3			ON-LINE	S Witmer	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required.

37553	KIN-4	Lecture	3			ON-LINE	S Witmer	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37554	KIN-4	Lecture	3			ON-LINE	R Aguilar	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

38190	KIN-4	Lecture	3			ON-LINE	S Witmer	10/18 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

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.

37539	KIN-10	Lecture	3			ON-LINE	R Aguilar	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37540	KIN-10	Lecture	3	MW	02:30PM-03:55PM	WEQ-W4	R Aguilar	08/23 - 12/16/21
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KIN-V10 Soccer, Varsity Men

Prerequisite: None. Description: This course prepares the 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.)

37569	KIN-V10	Lecture	3	MWTh	08:00AM-09:30AM	SOCR-2	D Rea	08/23 - 12/16/21
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The above section is Varsity Men's Soccer. To enroll please contact the coach.

KIN-V12 Cross Country, Varsity, Women

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

37570	KIN-V12	Lecture	3			ON-LINE	R Etheridge	08/23 - 12/16/21
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The above section is Varsity Women's Cross Country. To enroll please contact the coach. The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37541	KIN-16	Lecture	3			ON-LINE	J Winn	08/23 - 12/16/21
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		Lab				ON-LINE		08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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 three times. 175 hours laboratory. (Letter Grade, or Pass/No Pass option.)

37571	KIN-V25	Lecture	3	MWTh	02:30PM-04:00PM	SOCR-2	B Kuderman	08/23 - 12/16/21
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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.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
Students who successfully pass all American Heart Association requirements will receive a Healthcare Professional CPR certificate. 54 hours lecture. A fee of \$25.00 for required certificates will be charged to the student and is not covered by CCPG. (Letter grade only)								
37542	KIN-30	Lecture	3	MW	11:00AM-12:25PM	WEQ-W3	S Witmer	08/23 - 12/16/21
37543	KIN-30	Lecture	3	Th	06:00PM-09:10PM	WEQ-W3	A Gutierrez	08/23 - 12/16/21
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)								
37544	KIN-35	Lecture	3			ON-LINE	D Bednarczyk	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
KIN-36	Wellness: Lifestyle Choices							
Prerequisite: None. Description: Exploration of major health issues and behaviors in the various dimensions of health. The Dimensions of health and wellness include the social, physical, emotional, occupational, intellectual and spiritual. Emphasis is placed on the individual responsibility for personal health and the promotion of informed, positive health behaviors. Nutrition, physical activity, weight control, mental health, stress management, violence, substance abuse, reproductive health, disease prevention, aging, healthcare and environmental hazards and safety will be discussed. 54 hours lecture. (Letter grade only)								
37545	KIN-36	Lecture	3			ON-LINE	R Aguilar	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
37547	KIN-38	Lecture	3			ON-LINE	N Hightower	10/18 - 12/16/21
		Lab				ON-LINE		10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37548	KIN-38	Lecture	3			ON-LINE	N Hightower	08/23 - 11/03/21
		Lab				ON-LINE		08/23 - 11/03/21
The above section is a short term class. Please note the start and end dates.								
38191	KIN-38	Lecture	3			ON-LINE	K Roberts	10/18 - 12/16/21
		Lab				ON-LINE		10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
KIN-A40	Karate, Beginning							
Prerequisite: None Description: This course in beginning karate will develop the basic skills needed for the art of unarmed self-defense. This includes the use of blocking, shifting, punching, striking, and kicking. Karate will also develop speed, grace of movement, self-confidence, poise, mental alertness, strength, endurance, and muscular control. Karate is a physical art and a sport that anyone, irrespective of size, age, or sex, can practice according to his or her own capabilities. 54 hours laboratory.(Letter Grade, or Pass/No Pass option.)								
37555	KIN-A40	Lecture	1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	08/23 - 12/16/21
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.)								
37556	KIN-A41	Lecture	1	MW	12:45PM-02:10PM	WEQ-W2	D Namekata	08/23 - 12/16/21
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.)								
38032	KIN-A43	Lecture	1	TTh	11:15AM-12:40PM	WEQ-W2	F Stewart	08/23 - 12/16/21
KIN-A46	Hatha Yoga, Beginning							
Prerequisite: None. Description: Beginning Hatha yoga exercises to improve students' physical and mental wellness. The yoga exercises will be taught to promote improvement in yoga breathing techniques, concentration, muscular flexibility, strength and endurance, balance and meditation techniques. KIN-A46 and A47 are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information see section VIII regarding course repetition. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
37557	KIN-A46	Lecture	1	MW	09:15AM-10:40AM	WEQ-W2	L Zank	08/23 - 12/16/21
37558	KIN-A46	Lecture	1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	08/23 - 12/16/21
37559	KIN-A46	Lecture	1	TTh	08:00AM-09:25AM	WEQ-W2	F Stewart	08/23 - 12/16/21
38091	KIN-A46	Lecture	1			ON-LINE	L Zank	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
KIN-A47	Hatha Yoga, Intermediate							
Prerequisite: None Advisory: KIN-A46 Description: Intermediate Hatha yoga exercises to improve students' physical and mental wellness. The yoga exercises will be taught to promote improvement in yoga breathing techniques, concentration, muscular flexibility, strength and endurance, balance and meditation techniques. KIN-A46 and A47 are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information see section VIII regarding course repetition. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
37560	KIN-A47	Lecture	1	TTh	09:40AM-11:05AM	WEQ-W2	F Stewart	08/23 - 12/16/21
38153	KIN-A47	Lecture	1	MW	09:15AM-10:40AM	WEQ-W2	L Zank	08/23 - 12/16/21
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.)								
38033	KIN-A62	Lecture	1			ON-LINE	R Aguilar	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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.)								
37561	KIN-A75A	Lecture	1			ON-LINE	R Aguilar	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

KIN-A81A	Physical Fitness, Beginning							
Prerequisite: None Description: This course is designed to give the student an overview of the basic concepts that affect total fitness. Personalized exercise programs in cardiovascular endurance, muscular strength, muscular endurance, and flexibility will be developed. KIN-A81A and A81B are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information see section VIII regarding course repetition. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
37563	KIN-A81A	Lecture	1			ON-LINE	D Bednarczyk	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com .								

KIN-A83	Kickboxing Aerobics							
Prerequisite: None. Description: Basic fitness concepts as well as basic movement skills and exercises with the use of kickboxing in an aerobic format. Students will develop strength, flexibility, endurance, movement memory, balance, coordination and cardiovascular fitness. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)								
37566	KIN-A83	Lecture	1	TTh	12:50PM-02:15PM	WEQ-W2	L Zank	08/23 - 12/16/21
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.)								
37572	KIN-V94	Lecture	1	MW	02:30PM-03:55PM	WEQ-W8	D Rea	08/23 - 12/16/21

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.)						
37573	LIB-1	Lecture	1	M	02:15PM-03:20PM	IT-106	S Seifried	10/18 - 12/16/21
						ON-LINE		10/18 - 12/16/21
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com . Please note the start and end dates.								
37574	LIB-1	Lecture	1			ON-LINE	M Castro	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com . Please note the start and end dates.								

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 Gra de, or Pass/No Pass option.)								
37575	MAG-44	Lecture	3			ON-LINE	D White	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
37576	MAG-47	Lecture	3			ON-LINE	E Doucette	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37577	MAG-47	Lecture	3			ON-LINE	E Davalos	08/23 - 10/15/21
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.opencampus.com.								
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.)								
37578	MAG-53	Lecture	3			ON-LINE	E Davalos	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								

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.)								
37579	MAN-35	Lecture	5	TTh	05:45PM-07:35PM	CACT-2	P Van Hulle	08/23 - 12/16/21
		Lab		TTh	07:40PM-10:00PM	CACT-2		08/23 - 12/16/21
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.)								
37581	MAN-55	Lecture	1			ON-LINE	K Mosley	08/23 - 10/15/21
The above section is a short term online class. Please note the start and end dates. Computer with Internet access required. See www.opencampus.com .								
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)								
37583	MAN-57	Lecture	3	M	06:30PM-07:20PM	CACT-2	P Van Hulle	08/23 - 12/16/21
				W	06:30PM-07:35PM	CACT-2		08/23 - 12/16/21
		Lab		MW	07:40PM-09:05PM	CACT-2		08/23 - 12/16/21

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
MAN-64		Programmable Logic Controllers						
Prerequisite: None Advisory: ELE-10 or ELE-11 Description: Fundamentals of programmable logic controllers, with an emphasis on introductory programming of PLCs. Problem analysis with solutions that integrate programming formats, auxiliary commands and functions, common programming languages, and popular software programs used with PLCs. Installation, maintenance, troubleshooting and repair are inherent components. 36 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)(Same as ELE-64)								
37585	MAN-64	Lecture	3			ON-LINE	P Van Hulle	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
37586	MAN-72	Lecture	4	F	08:30AM-11:40AM	ATEC-119	J Vela	08/23 - 12/16/21
		Lab		F	12:25PM-03:35PM	ATEC-119		08/23 - 12/16/21
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.)								
37587	MAN-73	Lecture	4			ON-LINE	A Munoz	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with internet access required. www.opencampus.com								
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)								
37588	MAN-74	Lecture	4			ON-LINE	J Vela	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with internet access required. www.opencampus.com								
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)								
37590	MAN-77	Lecture	3			ON-LINE	K Rad	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
MATHEMATICS								
MAT-1A		Calculus I						
Prerequisite: MAT-10 or MAT-23 or qualifying placement level. Description: Functions, limits, continuity, techniques and applications of differentiation, the Fundamental Theorem of Calculus, and basic integration. 72 hours lecture and 18 hours laboratory. (Letter Grade or Pass/No Pass option)								
37644	MAT-1A	Lecture	4			ON-LINE	J Frewing	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37645	MAT-1A	Lecture	4			ON-LINE	O Olaluwoye	09/07 - 12/16/21
		Lab				ON-LINE		09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37646	MAT-1A	Lecture	4	T	09:40AM-12:10PM	WEQ-W7	J Frewing	08/23 - 12/16/21
				Th	09:40AM-11:10AM	WEQ-W7		08/23 - 12/16/21
		Lab		Th	11:20AM-12:10PM	WEQ-W7		08/23 - 12/16/21
Designated laboratory hours are included in the meeting times for this class.								
37648	MAT-1A	Lecture	4	M	03:00PM-05:30PM	ERHS-C112	T Young	08/23 - 12/16/21
				W	03:00PM-04:25PM	ERHS-C112		08/23 - 12/16/21
		Lab		W	04:40PM-05:30PM	ERHS-C112		08/23 - 12/16/21
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
37649	MAT-1A	Lecture	4	T	02:00PM-04:30PM	STEM-201	A Walid	08/23 - 12/16/21
				Th	02:00PM-03:30PM	STEM-201		08/23 - 12/16/21
		Lab		Th	03:40PM-04:30PM	STEM-201		08/23 - 12/16/21
Designated laboratory hours are included in the meeting times for this class.								
37650	MAT-1A	Lecture	4	M	04:15PM-06:45PM	WEQ-W5	A Thomas	08/23 - 12/16/21
				W	04:15PM-05:45PM	WEQ-W5		08/23 - 12/16/21
		Lab		W	05:55PM-06:45PM	WEQ-W5		08/23 - 12/16/21
Designated laboratory hours are included in the meeting times for this class.								
37652	MAT-1A	Lecture	4	MTW	07:00AM-08:15AM	JVHS-A-9	P Ramirez	08/23 - 12/16/21
		Lab		F	07:15AM-08:05AM	JVHS-A-9		08/23 - 12/16/21
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program.								
38147	MAT-1A	Lecture	4			ON-LINE	J Frewing	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.)								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37653	MAT-1B	Lecture Lab	4	TTh	08:00AM-10:00AM	REG-MEET ON-LINE	B Lopez Segoviano	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37654	MAT-1B	Lecture Lab	4			ON-LINE ON-LINE	C Jacinto	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37655	MAT-1B	Lecture Lab	4	TTh	02:10PM-04:10PM	REG-MEET ON-LINE	B Lopez Segoviano	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37656	MAT-1B	Lecture	4	M	07:00PM-09:30PM	WEQ-W4	S Borissova	08/23 - 12/16/21
				W	07:00PM-08:30PM	WEQ-W4		08/23 - 12/16/21
		Lab		W	08:40PM-09:30PM	WEQ-W4		08/23 - 12/16/21
Designated laboratory hours are included in the meeting times for this class.								
38149	MAT-1B	Lecture Lab	4			ON-LINE ON-LINE	J Mulari	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
MAT-1C		Calculus III						
Prerequisite: MAT-1B Description: Vectors in a plane and in space, vector functions, calculus on functions of multiple variables, partial derivatives, multiple integrals, line and surface integrals, Green's theorem, Stokes' theorem, Divergence theorem, and elementary applications to the physical and life sciences. 72 hours lecture. 18 hours lab.								
37657	MAT-1C	Lecture	4	T	10:20AM-12:50PM	ATEC-204	J Tousignant	08/23 - 12/16/21
				Th	10:20AM-11:50AM	ATEC-204		08/23 - 12/16/21
		Lab		Th	12:00PM-12:50PM	ATEC-204		08/23 - 12/16/21
Designated laboratory hours are included in the meeting times for this class.								
37658	MAT-1C	Lecture Lab	4			ON-LINE ON-LINE	J Zaragoza	09/07 - 12/16/21 09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37659	MAT-1C	Lecture Lab	4			ON-LINE ON-LINE	J Tousignant	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.)								
37660	MAT-2	Lecture	4	TTh	10:45AM-12:50PM	ATEC-210	B Johnson	08/23 - 12/16/21
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.)								
37664	MAT-3	Lecture	3	MW	12:45PM-02:10PM	IT-109	J Mulari	08/23 - 12/16/21
37665	MAT-3	Lecture	3			ON-LINE	J Mulari	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
MAT-5		Calculus for Business and Life Science						
Prerequisite: MAT-35 Description: A study of the techniques of calculus for majors in business, business administration, life and social sciences. Emphasis on problem solving and applications. Topics include: Functions, graphs, limits, derivatives, integrals, exponential and logarithmic functions. 72 hours lecture. (Letter Grade or Pass/No Pass option.)								
37684	MAT-5	Lecture	4			ON-LINE	E Shonoda	08/23 - 12/16/21
Enrollment in the above class requires first enrolling in MAT-105-37596. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38118	MAT-5	Lecture	4			ON-LINE	S Park	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
MAT-10		Precalculus						
Prerequisite: MAT-36 or qualifying placement level Description: Preparation for calculus: Polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates, sequences, and series. Students cannot receive credit for MAT 10 if they have already received credit for MAT 23. 90 hours lecture. (Letter Grade or Pass/No Pass option)								
37591	MAT-10	Lecture	5			ON-LINE	S Warsinski	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37592	MAT-10	Lecture	5			ON-LINE	E Hwang	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37593	MAT-10	Lecture	5	TTh	02:00PM-04:30PM	ATEC-204	J DeGuzman	08/23 - 12/16/21
37594	MAT-10	Lecture	5			ON-LINE	J DeGuzman	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
MAT-11		College Algebra						
Prerequisite: MAT-35 or qualifying placement level Description: This course is intended for students majoring in Liberal Arts and Humanities. The topics covered in this course include polynomial, radical, rational, absolute value, exponential and logarithmic functions; systems of equations; polynomial equations; permutations and combinations; analytic geometry; and linear programming. 72 hours lecture. (Letter Grade or Pass/No Pass option)								
38125	MAT-11	Lecture	4			ON-LINE	J DeGuzman	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
MAT-12		Statistics						
Prerequisite: MAT-35 or MAT-37 or MAT-43 or qualifying placement level. Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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.)								
37610	MAT-12	Lecture	4			ON-LINE	Y Lam	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37613	MAT-12	Lecture	4			ON-LINE	P Singh	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37614	MAT-12	Lecture	4			ON-LINE	F Mendoza	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37615	MAT-12	Lecture	4	MWF	11:15AM-12:30PM	WEQ-W6A	T Malouf	08/23 - 12/16/21
37618	MAT-12	Lecture	4			ON-LINE	N Alvarado	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37619	MAT-12	Lecture	4			ON-LINE	B Johnson	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 10/10 to 10/15 and another day between 12/10 and 12/16.								
37620	MAT-12	Lecture	4			ON-LINE	B Johnson	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 10/10 to 10/15 and another day between 12/10 and 12/16.								
37622	MAT-12	Lecture	4			ON-LINE	T Malouf	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37624	MAT-12	Lecture	4			ON-LINE	B Johnson	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 10/10 to 10/15 and another day between 12/10 and 12/16.								
37625	MAT-12	Lecture	4	TTh	03:00PM-05:05PM	ERHS-C112	K Baccari	08/23 - 12/16/21
The above section is restricted to Eleanor Roosevelt High School students participating in Norco College's Dual Enrollment Program.								
37626	MAT-12	Lecture	4	T	05:40PM-07:45PM	ATEC-211	V Tran	08/23 - 12/16/21
ON-LINE								
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
37628	MAT-12	Lecture	4	T	10:35AM-12:40PM	LIBR-108	K Baccari	08/23 - 12/16/21
ON-LINE								
Enrollment in the above class requires first enrolling in MAT-112-37602. The above section is a hybrid class. Internet access is required.								
37629	MAT-12	Lecture	4			ON-LINE	S Warsinski	09/07 - 12/16/21
Enrollment in the above class requires first enrolling in MAT-112-37603.								
37630	MAT-12	Lecture	4	MW	06:00PM-08:05PM	LIBR-108	L Nguyen	08/23 - 12/16/21
Enrollment in the above class requires first enrolling in MAT-112-37604..								
37631	MAT-12	Lecture	4	W	12:35PM-02:50PM	ATEC-211	C Hutchings	08/23 - 12/16/21
ON-LINE								
Enrollment in the above class requires first enrolling in MAT-112-37605. The above section is a hybrid class. Internet access is required.								
37634	MAT-12	Lecture	4			ON-LINE	B Lopez Segoviano	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 10/10 to 10/15 and another day between 12/10 and 12/16.								
37637	MAT-12	Lecture	4			ON-LINE	B Lopez Segoviano	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 10/10 to 10/15 and another day between 12/10 and 12/16.								
37639	MAT-12	Lecture	4			ON-LINE	C Hutchings	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 10/10 to 10/15 and another day between 12/10 and 12/16.								
38124	MAT-12	Lecture	4			ON-LINE	B Lopez Segoviano	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38150	MAT-12	Lecture	4			ON-LINE	C Hutchings	08/23 - 12/16/21
Enrolling in the above course will require enrolling in MAT-112-38151. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
MAT-25 Mathematics for the Liberal Arts Student								
Prerequisite: MAT-35 or MAT-42 Description: A college level survey course of selected topics from the history and development of mathematics, patterns and inductive reasoning, set theory and deductive reasoning, geometry, probability, statistics, and problem solving. You may cover 2 of the following topics: dimensional analysis, geometry, mathematics of different bases, or development of numerical systems from ancient cultures. It is designed for students majoring in liberal arts, education, or communication. Calculators or computers may be used for selected topics. 54 hours of lecture.								
37661	MAT-25	Lecture	3			ON-LINE	J Margo	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37663	MAT-25	Lecture	3			ON-LINE	C Hutchings	08/23 - 12/16/21
Enrollment in the above class requires first enrolling in MAT-125-37641. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38050	MAT-25	Lecture	3			ON-LINE	J Margo	08/23 - 12/16/21
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
MAT-35 Intermediate Algebra								
Prerequisite: MAT-52 Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)								
37667	MAT-35	Lecture	5	TTh	09:00AM-10:25AM	WEQ-W6A	J DeGuzman	08/23 - 12/16/21
ON-LINE								
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37668	MAT-35	Lecture	5	MW	11:10AM-12:35PM	ATEC-210 ON-LINE	J DeGuzman	08/23 - 12/16/21 08/23 - 12/16/21
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.								
37669	MAT-35	Lecture	5			ON-LINE	S Park	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37670	MAT-35	Lecture	5			ON-LINE	E Chung	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37672	MAT-35	Lecture	5			ON-LINE	E Chung	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 10/10 to 10/15 and another day between 12/10 and 12/16.								
37673	MAT-35	Lecture	5			ON-LINE	E Chung	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 10/10 to 10/15 and another day between 12/10 and 12/16.								
MAT-36 Trigonometry								
Prerequisite: MAT-35 or Appropriate placement. Description: The study of trigonometric functions, their inverses and their graphs; identities and proofs related to trigonometric expressions; solving trigonometric equations; solving right triangles; solving oblique triangles using the law of sines and cosines; polar coordinates; complex numbers; introduction to vectors and elements of geometry important to the foundation of trigonometry. 72 hours lecture. (Letter Grade or Pass/No Pass option)								
37674	MAT-36	Lecture	4	TTh	02:00PM-04:05PM	WEQ-W6A	S Park	08/23 - 12/16/21
37675	MAT-36	Lecture	4			ON-LINE	E Chung	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 10/10 to 10/15 and another day between 12/10 and 12/16.								
37676	MAT-36	Lecture	4			ON-LINE	S Park	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37677	MAT-36	Lecture	4			ON-LINE	S Park	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37680	MAT-36	Lecture	4			ON-LINE	E Chung	08/23 - 12/16/21
Enrollment in the above class requires first enrolling in MAT-136-37643. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38096	MAT-36	Lecture	4			ON-LINE	S Park	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 10/10 to 10/15 and another day between 12/10 and 12/16.								
MAT-105 Corequisite Support for Math 5								
Prerequisite: Appropriate Placement Corequisite: MAT-5 Description: A concurrent co-requisite course containing geometry and algebra concepts designed to support students in Calculus for Business and Life Science. Topics include a review of skills developed in geometry and intermediate algebra: area and volume, factoring, graphing, operations on rational and radical expressions, linear, exponential and logarithmic expressions and equations, functions including composition and inverses, and an in-depth focus on linear and quadratic functions. Topics are taught strategically throughout the semester to provide a "just in time" instruction of skills needed to master concepts in MAT 5 as they arise in that course. A diverse approach to problem solving processes and enhancement of study strategies will prepare the student for later university courses. 36 hours lecture. (Pass/No Pass.)								
37596	MAT-105	Lecture	2			ON-LINE	E Shonoda	08/23 - 12/16/21
Enrolling in the above course will require enrolling in MAT-5-37684. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
MAT-112 Corequisite Support for Math 12								
Prerequisite: Appropriate Placement Corequisite: MAT-12 Description: A concurrent corequisite course containing arithmetic and algebraic concepts designed to support students in Statistics. Topics include a review of skills developed in algebra: order of operations, scientific notation, conversion between fractions, decimals, and percents, solving linear 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)								
37602	MAT-112	Lecture	2	Th	10:35AM-12:40PM	LIBR-108	K Baccari	08/23 - 12/16/21
Enrolling in the above course will require enrolling in MAT-12-37628.								
37603	MAT-112	Lecture	2			ON-LINE	S Warsinski	09/07 - 12/16/21
Enrolling in the above course will require enrolling in MAT-12-37629. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37604	MAT-112	Lecture	2	Th	06:00PM-08:05PM	LIBR-108	L Nguyen	08/23 - 12/16/21
Enrolling in the above course will require enrolling in MAT-12-37630.								
37605	MAT-112	Lecture	2	M	12:35PM-02:50PM	ATEC-211	C Hutchings	08/23 - 12/16/21
Enrolling in the above course will require enrolling in MAT-12-37631.								
38151	MAT-112	Lecture	2			ON-LINE	C Hutchings	08/23 - 12/16/21
Enrolling in the above course will require enrolling in MAT-12-38150. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
MAT-125 Corequisite Support for Mat-25								
Corequisite: MAT-25 Prerequisite: Appropriate Placement Description: A concurrent corequisite course containing algebra concepts designed to support the students taking MAT-25 (Mathematics for Liberal Arts Students). Topics include a review of skills from an elementary and intermediate algebra course: Rounding integer values, translating phrases into mathematical expressions, solving problems using percent and decimals, evaluating expressions containing exponents, solving linear equations, applying the four basic operations to real numbers, graphing and writing linear equations using slope and y-intercept, and simplifying expressions using order of operations. Topics are taught strategically throughout the semester to provide "just in time" instruction of skills needed to master concepts in MAT 25 as they arise in that course. A diverse approach to problem solving processes and enhancement of study strategies will prepare the student for later university courses. 36 hours lecture. (Pass/No pass)								
37641	MAT-125	Lecture	2			ON-LINE	C Hutchings	08/23 - 12/16/21
Enrolling in the above course will require enrolling in MAT-25-37663. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
MAT-136 Corequisite Support for Mat-36								
Prerequisite: Appropriate Placement Corequisite: MAT-36 Description: A concurrent corequisite course containing algebra concepts designed to support students in Trigonometry. Topics include a review of skills developed in intermediate algebra: factoring, graphing linear and quadratic functions, operations on rational and radical expressions, linear and quadratic expressions and equations, and an in-depth focus on operations on functions, including composition and inverses. Topics are taught strategically throughout the semester to provide a "just in time" instruction of skills needed to master concepts in MAT-36 as they arise in that course. A diverse approach to problem solving processes and enhancement of study strategies will prepare the student for later university courses. 36 hours lecture. (Pass/No Pass.)								
37643	MAT-136	Lecture	2			ON-LINE	E Chung	08/23 - 12/16/21
Enrolling in the above course will require enrolling in MAT-36-37680. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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

MUS-3 Fundamentals of Music

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

37706	MUS-3	Lecture	4	M	08:50AM-10:00AM	HUM-101	K Kamerin	08/23 - 12/16/21
				WF	08:50AM-09:40AM	HUM-101		08/23 - 12/16/21
		Lab		M	10:05AM-10:55AM	HUM-101		08/23 - 12/16/21
		Lab		F	09:45AM-10:35AM			08/23 - 12/16/21
		Lab		W	09:45AM-10:55AM	HUM-101		08/23 - 12/16/21

MUS-5 Music Theory II

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

37720	MUS-5	Lecture	4	M	08:50AM-10:00AM	HUM-101	K Kamerin	08/23 - 12/16/21
				WF	08:50AM-09:40AM	HUM-101		08/23 - 12/16/21
		Lab		M	10:05AM-10:55AM	HUM-101		08/23 - 12/16/21
		Lab		F	09:45AM-10:35AM	HUM-101		08/23 - 12/16/21
		Lab		W	09:45AM-10:55AM	HUM-101		08/23 - 12/16/21

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)

37697	MUS-19	Lecture	3	MW	12:45PM-02:10PM	THTR-101	E Holt	08/23 - 12/16/21
37698	MUS-19	Lecture	3			ON-LINE	I Zubizarreta	08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37699	MUS-19	Lecture	3			ON-LINE	S Son	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

38135	MUS-19	Lecture	3			ON-LINE	K Kamerin	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

38176	MUS-19	Lecture	3			ON-LINE	S Son	10/18 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

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)

37701	MUS-23	Lecture	3	TTh	02:30PM-03:55PM	IT-101	N Pirozzi	08/23 - 12/16/21
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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)

37705	MUS-25	Lecture	3			ON-LINE	T Walton	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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)

37708	MUS-32A	Lecture	1	TTh	09:40AM-11:05AM	HUM-101	N Pirozzi	08/23 - 12/16/21
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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)

37710	MUS-32B	Lecture	1	TTh	09:40AM-11:05AM	HUM-101	N Pirozzi	08/23 - 12/16/21
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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)

37712	MUS-32C	Lecture	1	TTh	09:40AM-11:05AM	HUM-101	N Pirozzi	08/23 - 12/16/21
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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)

37714	MUS-32D	Lecture	1	TTh	09:40AM-11:05AM	HUM-101	N Pirozzi	08/23 - 12/16/21
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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.

37716	MUS-37	Lecture	1	MW	04:10PM-05:35PM	THTR-204	B Palispis	08/23 - 12/16/21
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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)

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37717	MUS-38	Lecture	2			THTR-204	K Kamerin	08/23 - 12/16/21
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 is required. A mandatory instructional meeting will be held on Tuesday, August 24th, from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, August 27th. 6 hours of lessons and 6 hours of required performance times are to be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for 6 hours each week. For additional information, please email the instructor. kim.kamerin@norcocollege.edu or call 951-738-7703.								
38187	MUS-38	Lecture	2			ON-LINE	K Kamerin	08/23 - 12/16/21
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 is required. A mandatory instructional meeting will be held on Tuesday, August 24th, from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, August 27th. 6 hours of lessons and 6 hours of required performance times are to be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for 6 hours each week. For additional information, please email the instructor. kim.kamerin@norcocollege.edu or call 951-738-7703.								
MUS-39 Applied Music I Prerequisite: None Limitation on enrollment: Audition on or before the first class meeting Corequisite: Enrollment in a two-or three-unit performance class. Description: Vocal or instrumental instruction for students who are proficient performers and could benefit from individualized instruction as determined by audition. Each student must complete 10.125 hours per week in a combination of individualized practice, lessons, concert attendance and individual performance. Not designed for beginning students. May be taken a total of four times. 162 hours laboratory.								
37718	MUS-39	Lecture	3			THTR-204	K Kamerin	08/23 - 12/16/21
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 is required. A mandatory instructional meeting will be held on Tuesday, August 24th from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, August 27th. 9 hours of lessons are to be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for 9 hours each week. For additional information, please email the instructor. kim.kamerin@norcocollege.edu or call 951-738-7703.								
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)								
37723	MUS-78	Lecture	2			THTR-204	K Kamerin	08/23 - 12/16/21
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 is required. A mandatory instructional meeting will be held on Tuesday, August 24th from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, August 27th. 6 hours of lessons are to be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for 6 hours each week. For additional information, please email the instructor. kim.kamerin@norcocollege.edu or call 951-738-7703.								
38188	MUS-78	Lecture	2			ON-LINE	K Kamerin	08/23 - 12/16/21
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 is required. A mandatory instructional meeting will be held on Tuesday, August 24th from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, August 27th. 6 hours of lessons are to be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for 6 hours each week. For additional information, please email the instructor. kim.kamerin@norcocollege.edu or call 951-738-7703.								
MUS-79 Applied Music II Prerequisite: None Limitation on enrollment: Audition on or before the first class meeting. Corequisite: Enrollment in a two-unit performance class. Description: Advanced vocal or instrumental instruction for students who are proficient performers and could benefit from individualized instruction as determined by audition. Each student must complete 10.125 hours per week in a combination of individualized practice, lessons, concert attendance and individual performance. Not designed for beginning students. Course may be taken a total of four times. 162 hours laboratory.								
37724	MUS-79	Lecture	3			THTR-204	K Kamerin	08/23 - 12/16/21
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 is required. A mandatory instructional meeting will be held on Tuesday, August 24th from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, August 27th. 12 hours of lessons are to be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for 9 hours each week. For additional information, please email the instructor. kim.kamerin@norcocollege.edu or call 951-738-7703.								
38189	MUS-79	Lecture	3			ON-LINE	K Kamerin	08/23 - 12/16/21
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 is required. A mandatory instructional meeting will be held on Tuesday, August 24th from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, August 27th. 12 hours of lessons are to be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for 9 hours each week. For additional information, please email the instructor. kim.kamerin@norcocollege.edu or call 951-738-7703.								
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.								
37726	MUS-89	Lecture	3			ON-LINE	I Zubizarreta	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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.								
37688	MIS-1A	Lecture	2	F	01:00PM-05:15PM	THTR-204		08/23 - 12/16/21
		Lab		W	01:00PM-03:05PM	THTR-204	B Kerr	08/23 - 12/16/21
37689	MIS-1A	Lecture	2	TTh	06:00PM-09:10PM	THTR-204	B Kerr	08/23 - 12/16/21
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.								
37690	MIS-1B	Lecture	2	F	01:00PM-05:15PM	THTR-204		08/23 - 12/16/21
		Lab		W	01:00PM-03:05PM	THTR-204	B Kerr	08/23 - 12/16/21
37691	MIS-1B	Lecture	2	TTh	06:00PM-09:10PM	THTR-204	B Kerr	08/23 - 12/16/21
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/								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
		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.						
37692	MIS-1C	Lecture	2	F	01:00PM-05:15PM	THTR-204		08/23 - 12/16/21
		Lab		W	01:00PM-03:05PM	THTR-204	B Kerr	08/23 - 12/16/21
37693	MIS-1C	Lecture	2	TTh	06:00PM-09:10PM	THTR-204	B Kerr	08/23 - 12/16/21
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.						
37694	MIS-3	Lecture	4	MW	03:25PM-04:50PM	IT-106	B Kerr	08/23 - 12/16/21
		Lab		MW	05:00PM-06:25PM	IT-106		08/23 - 12/16/21
37695	MIS-3	Lecture	4			ON-LINE	M Snyder	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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.						
37696	MIS-7	Lecture	3	M	08:00AM-09:05AM	IT-106	S Orozco	08/23 - 12/16/21
				W	08:00AM-08:50AM	IT-106		08/23 - 12/16/21
		Lab		MW	09:15AM-10:40AM	IT-106		08/23 - 12/16/21

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)						
37685	MIS-11A	Lecture	2	TTh	04:00PM-05:55PM	THTR-101	B Kerr	08/23 - 12/16/21

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.

MIS-11B		Studio Arts Ensemble II						
		Prerequisite: MIS-11A Description: A continuation of the skill development of instrumentalists and vocalists interested in the popular music and entertainment industries. This ensemble is open to: singers, guitarists, drummers, bassists, horn players, string players and keyboardists who work collaboratively to study, perform and/or record selected popular musical arrangements. The music studied in this class will be chosen from a diverse body of popular music literature. Subsequent enrollment will provide students an opportunity for additional skill development and competency in the subject area. May be taken a total of two times. 108 hours laboratory. (TBA option)						
37686	MIS-11B	Lecture	2	TTh	04:00PM-05:55PM	THTR-101	B Kerr	08/23 - 12/16/21

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.

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.						
37687	MIS-12	Lecture	3	T	08:00AM-09:05AM	THTR-101	K Kamerin	08/23 - 12/16/21
				Th	08:00AM-08:50AM	THTR-101		08/23 - 12/16/21
		Lab		T	09:15AM-10:40AM	THTR-101		08/23 - 12/16/21
		Lab		Th	09:00AM-10:25AM	THTR-101		08/23 - 12/16/21

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.						

37727	PHI-10	Lecture	3			ON-LINE	J Sentmanat	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37728	PHI-10	Lecture	3			ON-LINE	J Sentmanat	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37729	PHI-10	Lecture	3			ON-LINE	J Sentmanat	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37730	PHI-10	Lecture	3			ON-LINE	J Sentmanat	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37731	PHI-10	Lecture	3			ON-LINE	J Gill	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

PHI-11		Critical Thinking						
		Prerequisite: None Advisory: REA-82 Description: Presents critical thinking as a skill to be used for better understanding, evaluating, and constructing arguments. Focus on developing and enhancing the student's ability to identify, analyze, and present arguments. Topics covered through analysis and writing include the nature of argument, inductive and deductive reasoning, rhetoric, theory of knowledge, scientific method, and informal fallacies. 54 hours lecture.						

37733	PHI-11	Lecture	3			ON-LINE	L Montes	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37734	PHI-11	Lecture	3			ON-LINE	J Gill	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37736	PHI-11	Lecture	3			ON-LINE	M Murphey	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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.						

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37737	PHI-12	Lecture	3			ON-LINE	J Sentmanat	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

PHI-19 Native Amer Thought

Prerequisite: None. Description: Philosophical and religious beliefs and practices of Native Americans. Explores Native American history and thought regarding the relationship between humanity and the natural world, the nature of knowledge, and ethics and aesthetics of the First Peoples. Emphasis placed on Native American thought and its relevance to contemporary problems in philosophy and culture. 54 hours lecture.

37738	PHI-19	Lecture	3	MW	12:45PM-02:10PM	WEQ-W7	J Sentmanat	08/23 - 12/16/21
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PHYSICAL SCIENCE

PHS-1 Introduction to Physical Science

Prerequisite: None Description: Fundamental concepts of earth, space, and environmental science (astronomy, geology, meteorology, and oceanography) and principles of physics and chemistry, especially as they relate to these fields. Emphasis is placed on the application of science in the understanding and solution of environmental problems. 54 hours lecture.

37739	PHS-1	Lecture	3			ON-LINE	L Owens	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

PHYSICS

PHY-2A General Physics I

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

38027	PHY-2A	Lecture	4	MW	12:45PM-02:10PM	HUM-201	L Owens	08/23 - 12/16/21
		Lab		M	09:00AM-12:10PM	HUM-201		08/23 - 12/16/21

PHY-2B General Physics II

Prerequisite: PHY-2A Description: Meets the requirements for students majoring in biological science, including pre-medical and pre-dental students. This course includes: study of thermodynamics, including temperature, methods of heat transfer, calorimetry, ideal gas law, laws of thermodynamics, entropy, and heat engines; study of electricity and magnetism, including electric field and potential, Gauss Law, current, Ohm's Law, capacitance and inductance, Faraday's Law; study of optics, including electromagnetic waves, reflection, refraction, interference, and diffraction; study of modern physics, including the photoelectric effect, de Broglie wavelength, quantum numbers, and radioactive decay. 54 hours lecture and 54 hours laboratory. (Letter grade or Pass/No Pass option)

37743	PHY-2B	Lecture	4	MW	09:15AM-10:40AM	IT-111	A Roy	08/23 - 12/16/21
		Lab		W	02:30PM-05:40PM	HUM-201		08/23 - 12/16/21

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)

37744	PHY-4A	Lecture	4	TTh	11:15AM-12:40PM	HUM-201	A Roy	08/23 - 12/16/21
		Lab		Th	02:00PM-05:10PM	HUM-201		08/23 - 12/16/21
37745	PHY-4A	Lecture	4			ON-LINE	D Seidel	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37746	PHY-4A	Lecture	4	TTh	04:10PM-05:35PM	ATEC-210	A Moussaoui	08/23 - 12/16/21
		Lab		T	06:15PM-09:25PM	HUM-201	F Motta	08/23 - 12/16/21
38026	PHY-4A	Lecture	4	F	09:00AM-12:10PM	HUM-102	A Roy	08/23 - 12/16/21
		Lab		F	01:00PM-04:10PM	HUM-201		08/23 - 12/16/21

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)

37911	PHY-4B	Lecture	4	MW	02:30PM-03:25PM	ATEC-210	O Tripathi	08/23 - 12/16/21
		Lab		W	09:00AM-12:10PM	HUM-201		08/23 - 12/16/21
37913	PHY-4B	Lecture	4	TTh	02:30PM-03:55PM	IT-211	L Owens	08/23 - 12/16/21
		Lab		F	09:00AM-12:10PM	HUM-201	O Tripathi	08/23 - 12/16/21

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)

37747	PHY-4C	Lecture	4	MW	11:10AM-12:35PM	IT-111	A Roy	08/23 - 12/16/21
		Lab		M	02:30PM-05:40PM	HUM-201		08/23 - 12/16/21

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)

37741	PHY-10	Lecture	3			ON-LINE	L Owens	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

POLITICAL SCIENCE

POL-1 American Politics

Prerequisite: None. Description: An introduction to the principles, structures, processes, and culture that inform American politics. Specific focus is placed on the development of the Constitution, the government it engenders, the development of the American polity, the formation of policy, and the connections between the national government and California's government. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture. (Letter grade only)

37748	POL-1	Lecture	3			ON-LINE	A Yanez	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37749	POL-1	Lecture	3			ON-LINE	E Walker	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37750	POL-1	Lecture	3			ON-LINE	P Flor	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37751	POL-1	Lecture	3			ON-LINE	A Yanez	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37753	POL-1	Lecture	3			ON-LINE	S Popiden	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37754	POL-1	Lecture	3			ON-LINE	S Popiden	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37755	POL-1	Lecture	3	MW	04:10PM-05:35PM	IT-122	R Brown	08/23 - 12/16/21
37756	POL-1	Lecture	3			ON-LINE	S Popiden	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37758	POL-1	Lecture	3			ON-LINE	S Popiden	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37760	POL-1	Lecture	3	TTh	08:00AM-09:25AM	IT-122	R Brown	08/23 - 12/16/21
37763	POL-1	Lecture	3			ON-LINE	S Popiden	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37939	POL-1	Lecture	3			ON-LINE	A Yanez	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37944	POL-1	Lecture	3	T	06:00PM-07:00PM	REG-MEET ON-LINE	J Hunt	09/07 - 12/16/21 09/07 - 12/16/21
The above section is designed with special emphasis on African American culture. Contact the Umoja counselor (sean.davis@norccollege.edu) prior to enrolling. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates. The above section is an synchronous online class.								
38014	POL-1	Lecture	3	T	06:00PM-07:00PM	REG-MEET ON-LINE	J Hunt	09/07 - 12/16/21 09/07 - 12/16/21
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. The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates. The above section is an synchronous online class.								
38056	POL-1	Lecture	3				C Moffatt	08/23 - 12/16/21
The above section is restricted to Jurupa Valley High School students participating in Norco College's Dual Enrollment Program. The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
POL-4 Introduction to World Politics Prerequisite: None Advisory: Qualification for ENG-1A and REA-83 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. 54 hours lecture.								
37765	POL-4	Lecture	3			ON-LINE	C Moffatt	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
POL-5 The Law and Politics Prerequisite: None Advisory: REA-83 and qualification for English 1A Description: The principles and problems of the constitution are examined, with emphasis on how the constitution impacts public policy. Also, the course looks at the constitutional considerations affecting civil rights and liberties. 54 hours lecture.								
37767	POL-5	Lecture	3			ON-LINE	A Yanez	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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)								
38080	POL-23	Lecture	3			ON-LINE	A Yanez	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38085	POL-23	Lecture	3			ON-LINE	J Hunt	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38086	POL-23	Lecture	3			ON-LINE	J Hunt	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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								
37769	PSY-1	Lecture	3			ON-LINE	T Caddell	09/07 - 12/10/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37770	PSY-1	Lecture	3			ON-LINE	V Agars	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37773	PSY-1	Lecture	3			ON-LINE	J Trujillo	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37774	PSY-1	Lecture	3	TTh	04:10PM-05:35PM	STEM-302	G Curasi	08/23 - 12/16/21
37775	PSY-1	Lecture	3			ON-LINE	G Curasi	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37776	PSY-1	Lecture	3			ON-LINE	T Caddell	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37777	PSY-1	Lecture	3	TTh	09:40AM-11:05AM	STEM-302	A Deane	08/23 - 12/16/21
37778	PSY-1	Lecture	3			ON-LINE	R Sulman	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37779	PSY-1	Lecture	3			ON-LINE	R Sulman	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38122	PSY-1	Lecture	3			ON-LINE	R Sulman	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.								
37780	PSY-2	Lecture	3			ON-LINE	L Adams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37961	PSY-2	Lecture	3			ON-LINE	L Adams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38121	PSY-2	Lecture	3			ON-LINE	B Adams	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
PSY-8 Social Psychology								
Prerequisite: None. Description: An introduction to the study of individual human behavior in relation to the social environment. It includes emphasized topics such as aggression, prejudice, interpersonal attraction, attitude change, gender roles, and social cognition. Letter grade.								
37787	PSY-8	Lecture	3			ON-LINE	J Trujillo	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38174	PSY-8	Lecture	3			ON-LINE	L Adams	10/25 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates								
PSY-9 Developmental Psychology								
Prerequisite: None Description: Examines the prevailing theories and research of developmental psychology and the stages of human development from conception to death. 54 Lecture hours, Letter grade.								
37790	PSY-9	Lecture	3			ON-LINE	R Webb	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37791	PSY-9	Lecture	3	TTh	11:15AM-12:40PM	WEQ-W5	G Curasi	08/23 - 12/16/21
37793	PSY-9	Lecture	3			ON-LINE	W Holmquist	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37794	PSY-9	Lecture	3			HUM-111	J Hicks	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37797	PSY-9	Lecture	3			ON-LINE	K Zamiska	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37801	PSY-9	Lecture	3			ON-LINE	V Agars	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38043	PSY-9	Lecture	3			ERHS-ONLN	V Agars	08/23 - 12/16/21
The above section is restricted to students who participate in the Foster Youth Program at Eleanor Roosevelt HS or Norco College. Internet access is required.								
38044	PSY-9	Lecture	3			ERHS-ONLN	V Agars	08/23 - 12/16/21
The above section is restricted to students who participate in the Foster Youth Program at Eleanor Roosevelt HS or Norco College. Internet access is required.								
PSY-35 Abnormal Psychology								
Prerequisite: None. Description: Survey of historical and contemporary approaches to diagnosing, understanding, and treating major forms of psychological disorder, including: anxieties, fears, obsessions, psychoses, sexual and personality disorders, disorders of childhood and adolescence. 54 hours lecture. (Letter grade only)								
37783	PSY-35	Lecture	3	TTh	09:40AM-11:05AM	IT-101	J Heumann	08/23 - 12/16/21
PSY-48 Statistics for the Behavioral Sciences								
Prerequisite: MAT-35, MAT-37 or MAT-42 or qualifying placement level Description: Introduction to basic statistical methods and analyses commonly used in behavioral science research. Topics cover both inferential and descriptive statistics including correlations, regression analysis, chi-squares, t-tests, analysis of variance, and an introduction to factorial designs. This course covers the logic of hypothesis testing and emphasizes conceptualization of material and interpreting findings for use in behavioral science research above computation. This course trains students to use a statistical software package used by behavioral science researchers and prepares them to proficiently consume published research in the behavioral sciences. 54 hours lecture.								
37784	PSY-48	Lecture	3			ON-LINE	A Deane	09/07 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37963	PSY-48	Lecture	3			ON-LINE	A Deane	09/07 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37964	PSY-48	Lecture	3			ON-LINE	A Deane	11/01 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
PSY-50 Research Methods in Psychology								
Prerequisite: PSY-1 and PSY-48 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.								
37785	PSY-50	Lecture Lab	4			ON-LINE ON-LINE	K Zamiska	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37786	PSY-50	Lecture Lab	4			ON-LINE ON-LINE	K Zamiska	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37965	PSY-50	Lecture Lab	4			ON-LINE ON-LINE	K Zamiska	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37966	PSY-50	Lecture Lab	4			ON-LINE ON-LINE	K Zamiska	10/18 - 12/16/21 10/18 - 12/16/21

The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

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.

37802	RLE-80	Lecture	3			ON-LINE	L Namazi	08/23 - 10/15/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37803	RLE-80	Lecture	3			ON-LINE	L Namazi	10/18 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

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.

37804	RLE-81	Lecture	3			ON-LINE	L Namazi	08/23 - 10/15/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37805	RLE-81	Lecture	3			ON-LINE	J Gonzalez	10/18 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

RLE-82 Legal Aspects of Real Estate

Prerequisite: None Description: California real estate law, including rights incident to property ownership and management, agency, contracts, and application to real estate transfer, conveyance, probate proceedings, trust deeds, and foreclosure, as well as recent legislation governing real estate transactions. Applies toward educational requirement of brokers examination. 54 hours lecture.

37806	RLE-82	Lecture	3			ON-LINE	J Alpay	08/23 - 10/15/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com.

37807	RLE-82	Lecture	3			ON-LINE	J Alpay	10/18 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. Please note start and end dates. See www.opencampus.com.

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.

37808	RLE-83	Lecture	3			ON-LINE	S Doll	08/23 - 10/15/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37809	RLE-83	Lecture	3			ON-LINE	S Doll	10/18 - 12/16/21
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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.opencampus.com.

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)

37814	SOC-1	Lecture	3			ON-LINE	J Hill	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37815	SOC-1	Lecture	3			ON-LINE	M Ysais	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37816	SOC-1	Lecture	3			ON-LINE	B Rodriguez	09/07 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37820	SOC-1	Lecture	3			ON-LINE	F Vu	09/07 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37822	SOC-1	Lecture	3			ON-LINE	F Vu	09/07 - 12/16/21
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The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

37823	SOC-1	Lecture	3			ON-LINE	J Hill	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37824	SOC-1	Lecture	3			ON-LINE	F Vu	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

37826	SOC-1	Lecture	3			ON-LINE	J Hill	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

38116	SOC-1	Lecture	3			ON-LINE	J Hill	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

38117	SOC-1	Lecture	3			ON-LINE	J Hill	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

SOC-1H Honors Introduction to Sociology

Prerequisite: None. Advisory: ENG-50 or ENG-80 or qualifying placement Limitation on enrollment: Enrollment in the RCCD Honors Program. Description: An honors level introduction to the basic concepts relating to the study of social behavior and human groups. This honors level course includes investigation into the foundations of sociology including theoretical perspectives, research methodology, and the components of social structure. Social interaction, culture, and social inequality (including, but not limited to, race, gender, sex, and social class), and dimensions of social change will be examined. Students may not receive credit for both SOC-1 and SOC-1H. 54 hours lecture. (Letter grade only)

37916	SOC-1H	Lecture	3			ON-LINE	F Vu	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
SOC-2		American Social Problems						
Prerequisite: None Description: Identification and analysis of major social issues confronting contemporary 21st century America; emphasizing, among other topics, urban and rural transformations, family life, race and ethnic relations, gender, sexual orientation, criminal and delinquent behavior. 54 hours lecture. (Letter grade only)								
37832	SOC-2	Lecture	3			ON-LINE	A Perry	09/07 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
SOC-10		Race And Ethnic Relations						
Prerequisite: None Description: An introduction to the relevant theories and operational definitions that ground the study of race and ethnic relations in the social sciences. Extensive treatment of prejudice, discrimination and the concept of racism. The course brings into sharper focus the history and contemporary status of White ethnics, religious minorities, American-Indians, African-Americans, Hispanic-Americans, and women in the United States. Social institutions, such as family, education, politics, and the economy receive special attention for each group. The similarities and differences in ethnic hostilities between the U.S. and other societies are closely examined. Students may not receive credit for both SOC-10 and 10H. 54 hours lecture. (Letter grade only)								
37827	SOC-10	Lecture	3			ON-LINE	J Hill	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37828	SOC-10	Lecture	3	T	02:30PM-03:50PM	REG-MEET ON-LINE	J Hill	08/23 - 12/16/21 08/23 - 12/16/21
The above section is designed with special emphasis on African American culture. See the Umoja counselor (sean.davis@norccollege.edu) prior to enrolling. The above section is an synchronous online class. Computer with Internet access required. See www.opencampus.com.								
37917	SOC-10	Lecture	3	T	02:30PM-03:50PM	REG-MEET ON-LINE	J Hill	08/23 - 12/16/21 08/23 - 12/16/21
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. The above section is an synchronous online class. Computer with Internet access required. See www.opencampus.com.								
SOC-12		Marriage and Family Relations						
Prerequisite: None Advisory: SOC-1 Description: Examines the major trends in marriage, families, and intimate relationships. Focuses on how inequality and diversity affect intimate and family relations. Discusses the dynamics of inequality among families and couples and how family life is shaped by race and ethnicity, social class, and sexuality. Discusses issues of interpersonal violence, divorce, and life in later years. 54 hours lecture. (Letter grade)								
37829	SOC-12	Lecture	3			ON-LINE	A Perry	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
SOC-20		Introduction to Criminology						
Prerequisite: None. Description: An introduction to the fundamentals of Criminology; including surveys of the theories of crime, statistical procedures and research methodology, types of crime, criminal etiology, the origins and features of criminal law, the police, courts, and corrections. An analysis of the interrelations between social organization, the perceptions of social harm, and the dynamics of social control. 54 hours lecture. (Letter grade only)								
37835	SOC-20	Lecture	3			IT-109	J Hill	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38110	SOC-20	Lecture	3			ON-LINE	B Rodriguez	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
SOC-50		Introduction to Social Research Methods						
Prerequisite: SOC-1 Description: Examination of the fundamental elements of empirical research and the ways sociologists think critically, including attention to the nature of theory, hypothesis, variables and ethics of research. Application of qualitative and quantitative analytic tools including logic and research design, such as experimental, survey, observational, comparative historical research and case studies. 54 hours lecture.								
37836	SOC-50	Lecture	3			HUM-102	M Ysais	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

SPANISH

SPA-1		Spanish 1						
Prerequisite: None Advisory: Completion of placement test to assess level of proficiency in Spanish. Description: Develops basic skills in listening, reading, speaking and writing. Emphasis on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. Includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)								
37837	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	A Covarrubias	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37838	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	A Covarrubias	08/23 - 10/15/21 08/23 - 10/15/21
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37840	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	V Hernandez Mancera	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37841	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	A Vargas Barragan	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37843	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	L Rosales	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37844	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	D Hitchcock	08/23 - 10/15/21 08/23 - 10/15/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
38100	SPA-1	Lecture Lab	5			ON-LINE ON-LINE	I Vejar	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
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.)								
37846	SPA-2	Lecture Lab	5			ON-LINE ON-LINE	A Covarrubias	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37847	SPA-2	Lecture Lab	5			ON-LINE ON-LINE	D Hitchcock	10/18 - 12/16/21 10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37848	SPA-2	Lecture Lab	5			ON-LINE ON-LINE	A Lomeli Gomez	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
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.))								
37849	SPA-3	Lecture Lab	5			ON-LINE ON-LINE	D Hitchcock	08/23 - 12/16/21 08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
SPA-12	Latin American Culture and Civilization							
Prerequisite: None Description: Introduction to Latin America's complex and unique history, as reflected in language, literature, art, history, customs, religions, and its political and social institutions. Class conducted in English. 54 hours lecture (Letter grade, or Pass/No Pass option)								
37845	SPA-12	Lecture	3			ON-LINE	L Rosales	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								

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.								
37810	SCA-1	Lecture	3	T	06:00PM-07:05PM	IT-124	J Vela	08/23 - 12/16/21
				Th	06:00PM-06:50PM	IT-124		08/23 - 12/16/21
		Lab		TTh	07:15PM-08:40PM	IT-124		08/23 - 12/16/21

SUPPLY CHAIN TECHNOLOGY

SCT-1		Introduction to Automated Warehousing						
Prerequisite: None		Description: An industrial technology overview course covering the basic knowledge and skills needed for supply chain technicians to successfully work in an automated distribution center. Introduction to the troubleshooting and maintenance of complex electromechanical systems is a major focus of this class. 36 hours lecture and 54 hours laboratory.						
37811	SCT-1	Lecture	3	T	06:00PM-07:05PM	IT-124	J Vela	08/23 - 12/16/21
				Th	06:00PM-06:50PM	IT-124		08/23 - 12/16/21
		Lab		TTh	07:15PM-08:40PM	IT-124		08/23 - 12/16/21

THEATER ARTS

THE-3	Introduction to the Theater							
Prerequisite: None Description: A comprehensive study of theatrical styles and forms with units in directing, acting, designing, technical theater, playwriting, and genres, to acquaint the student with the diverse nature of theater leading to an appreciation and understanding of theater as a separate and distinctive art form. 54 hours lecture.								
37850	THE-3	Lecture	3			ON-LINE	W Stevens	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37851	THE-3	Lecture	3			ON-LINE	W Stevens	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
37852	THE-3	Lecture	3			ON-LINE	W Stevens	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com.								
37853	THE-3	Lecture	3	TTh	02:00PM-03:25PM	THTR-101	J Johnson	08/23 - 12/16/21
37854	THE-3	Lecture	3			ON-LINE	W Stevens	08/23 - 10/15/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								
38036	THE-3	Lecture	3			ON-LINE	W Stevens	10/18 - 12/16/21
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.								

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).							
37856 WKX-200	Lecture	1			ON-LINE	E Doucette	08/23 - 12/16/21
The above section is an online class. Computer with Internet access required. See www.opencampus.com . 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.							

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
37857	WKX-200	Lecture	1			ON-LINE	R Wolfer	08/23 - 12/16/21

The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture, students are required to attend one, one hour orientation at Norco College the first week of the semester. The orientations have been scheduled for: TBD Students need to only attend one. Students must also meet on-campus for an instructor conference and for final exams. Please see Canvas for specific dates and times.

Non-Credit Classes

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

ACC-802 Monthly Procedures Using Quickbooks

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

38076	ACC-802	Lecture	0			ON-LINE	S Schepler	09/01 - 09/30/21
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This above section is an Online class. Internet access is required.

ENGLISH AS A SECOND LANGUAGE

ESL-846 Beginning American College English

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

38002	ESL-846	Lecture	0	TTh	06:30PM-09:00PM	IT-211	L Tougas	08/23 - 12/16/21
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ESL-847 Low-Intermediate American College English

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

38064	ESL-847	Lecture	0			ON-LINE	M Shirinian	08/23 - 12/16/21
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

ESL-848 Intermediate American College English

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

38005	ESL-848	Lecture	0	M	06:30PM-08:30PM	IT-211	D Tougas	08/23 - 12/16/21
				W	06:30PM-09:30PM	IT-211		08/23 - 12/16/21
		Lab		M	08:40PM-09:30PM	IT-211		08/23 - 12/16/21

ESL-849 High-Intermediate American College English

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

38006	ESL-849	Lecture	0	MW	09:15AM-10:50AM	IT-211	M Shirinian	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

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

ESL-850 Advanced American College English

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

38012	ESL-850	Lecture	0	MW	10:55AM-12:30PM	IT-211	M Shirinian	08/23 - 12/16/21
		Lab				ON-LINE		08/23 - 12/16/21

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

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.)

37537	ILA-800	Lecture	0			ON-LINE	M Sloniger	08/23 - 12/16/21
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PROFES. DEVELOPMENT STUDIES

PDS-808 Critical Thinking, Problem Solving and Decision Making

Prerequisite: None Description: In today's workplace, it is everyone's job to solve problems and make decisions. Analytical thinking, decision making and problem solving involve breaking things down into their component parts, applying deductive reasoning and then applying judgment and insight. Learn hands-on techniques to generate breakthrough ideas, make decisions, and solve your most pressing problems. All by asking the right questions, challenging assumptions, and seeing others' viewpoints with clarity. 12 hours lecture. (Pass/No Pass only)

38074	PDS-808	Lecture	0			ON-LINE	R Wolfer	10/04 - 10/25/21
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This class is part of the Workplace Essentials Certificate. The Certificate is the combination of PDS -808, PDS-809, PDS-810 and PDS-812.

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)

38073	PDS-809	Lecture	0			ON-LINE	R Wolfer	10/04 - 10/25/21
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This class is part of the Workplace Essentials Certificate. The Certificate is the combination of PDS -808, PDS-809, PDS-810 and PDS-812.

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
PDS-810		Time Management						
Prerequisite: None Description: Participants explore time management strategies and tools for effectively managing expanding workloads, shifting priorities and increasing demands. Practice prioritizing "important" versus "urgent" activities. Emphasis on analyzing current use of time; identifying organizational goals, roles and priorities; discovering gaps to achieving goals; and applying time management tools to the gaps to complete important priorities first. 12 hours lecture. (Pass/No Pass only)								
38072	PDS-810	Lecture	0			ON-LINE	F Almeida	11/02 - 11/30/21
This class is part of the Workplace Essentials Certificate. The Certificate is the combination of PDS -808, PDS-809, PDS-810 and PDS-812.								
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)								
38071	PDS-812	Lecture	0			ON-LINE	F Almeida	11/02 - 11/30/21
This class is part of the Workplace Essentials Certificate. The Certificate is the combination of PDS -808, PDS-809, PDS-810 and PDS-812.								
PDS-814		Closing Techniques That Win the Sale						
Prerequisite: None Description: In any selling situation obstacles have to be overcome before a buying decision is reached. Learn to resolve objection effectively through a process that involves careful listening along with positive factual responses to buyer concerns. Learn techniques to address customers' emotional needs, get past the obstacles preventing them from buying, and build long-term customer relationships. 12 hours lecture. (Pass/No Pass only)								
38078	PDS-814	Lecture	0			ON-LINE	V Mixson	09/07 - 09/28/21
This above section is an online class. Internet access is required.								
PDS-815		Winning Sales Scripts						
Prerequisite: None Description: More and more sales are now being done "inside" with sales persons contacting perspective buyers using the phone and email. Learn how to maximize this revenue source and increase the effectiveness of "inside" sale using scripts. 12 hours lecture. (Pass/No Pass only)								
38079	PDS-815	Lecture	0			ON-LINE	V Mixson	09/08 - 09/29/21
The above section is an online class. Internet access is required.								
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)								
38068	PDS-816	Lecture	0			ON-LINE	A Molina Padilla	10/06 - 10/27/21
This class is part of the Financial Literacy Certificate. The Certificate is the combination of PDS-816, PDS-817.								
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)								
38069	PDS-817	Lecture	0			ON-LINE	A Molina Padilla	10/07 - 10/28/21
This class is part of the Financial Literacy Certificate. The Certificate is the combination of PDS-816, PDS-817.								
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)								
38070	PDS-818	Lecture	0			ON-LINE	A Molina Padilla	10/07 - 10/28/21
This above section is a hybrid class. Internet access is required.								