- \* MOST 21WIN CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \*
- \* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \*

# Norco College - Winter 2021 Class Schedule

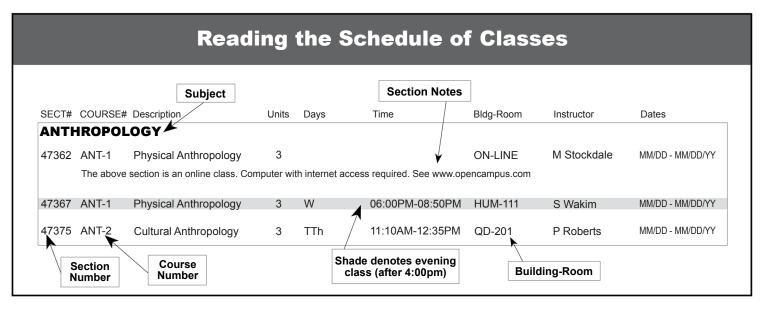


Table of Contents	Drafting	Kinesiology
Credit Classes Accounting1	Economics	Management       13         Manufacturing Technology       13         Mathematics       13
Administration Of Justice	Engineering	Music
Biology	Game Development         10           Geography         10	Psychology
Communication Studies	Guidance.       11         Health Science.       11         History.       11         Humanities.       12	Sociology.         16           Spanish.         17           Theater Arts.         17

	С	redit	t Classe	S			
SECT# Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates

# **ACCOUNTING**

30474 ACC-1B

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)

30473 ACC-1A Lecture 3 ON-LINE D White 01/04 - 02/11/21

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.

30738 ACC-1A Lecture 3 ON-LINE D White 01/04 - 02/11/21

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.

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)

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.

ON-LINE

D White

ACC-62 Payroll Accounting

Prerequisite: ACC-1A or ACC-55 Description: Covers accounting for payroll and examines aspects of the Social Security Act, California Unemployment Insurance Act and the California Worker's Compensation Insurance Act. Payroll principles applied through the use of microcomputers. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

30475 ACC-62 Lecture 9 Worsham 01/04 - 02/11/21

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.

01/04 - 02/11/21

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
ADM	IINISTRA	TION OF JUSTICE						
ADJ-1 Prerece expec	quisite: None	Introduction to the Administration of Justice Description: The history and philosophy of administration their interrelationships; theories of crime, punishment,	,	,			0	
,	ADJ-1	Lecture	3			ON-LINE	M Leese	01/04 - 02/11/2
	Online classe to complete o	s are distance education classes with no scheduled meeting days. oursework.	Students will log i	n to Canvas	and complete work req	gularly throughout the we	ek. Canvas and oth	her technologies will be required
admin	quisite: None istration of judges ADJ-3	Concepts of Criminal Law e Description: Historical development, philosophy of law ustice; legal research, study of case law, methodology, Lecture s are distance education classes with no scheduled meeting days. oursework.	and concepts	of law as a	social force. 54 h	ours lecture. (Letter ON-LINE	grade only) V Graham	01/04 - 02/11/2
ANT	HROPOL	OGY						
Incorp	quisite: None	Physical Anthropology e Description: An introduction to human biological evolutudy of genetics, fossils, primates, and modern human						
	ANT-1	Lecture	3			ON-LINE	A Gray	01/04 - 02/11/2
	Online classe to complete o	s are distance education classes with no scheduled meeting days. oursework.	Students will log i	n to Canvas	and complete work req	gularly throughout the we	ek. Canvas and oth	her technologies will be required
30480	ANT-1	Lecture	3			ON-LINE	A Gray	01/04 - 02/11/2
	Online classe to complete o	s are distance education classes with no scheduled meeting days. oursework.	Students will log i	n to Canvas	and complete work reg	gularly throughout the we	ek. Canvas and oth	her technologies will be required
30481	ANT-1	Lecture	3			ON-LINE	A Gray	01/04 - 02/11/2
	Online classe to complete of	s are distance education classes with no scheduled meeting days. oursework.	Students will log i	n to Canvas	and complete work req	gularly throughout the we	ek. Canvas and oth	her technologies will be required
humar and st	quisite: None n genetics, h ructures util ANT-1L	Physical Anthropology Laboratory c Corequisite: Concurrent enrollment in or prior completuman variation, the identification of fossils through exazing the scientific method. 54 hours laboratory.  Lecture	amination of fos	ssil casts, h	uman evolution, tl	one study of the huma	an skeleton, obs	servation of primate behavio 01/04 - 02/11/2
	Online classe to complete o	s are distance education classes with no scheduled meeting days. oursework.	Students will log i	n to Canvas	and complete work reg	gularly throughout the we	ek. Canvas and oth	ner technologies will be required
	quisite: None	Cultural Anthropology Description: An introduction to the anthropological co tutions are examined using perspectives that enhance						sis of cultures. Cultural
30483	ANT-2	Lecture	3			ON-LINE	A Mejia	01/04 - 02/11/2
	Online classe to complete of	s are distance education classes with no scheduled meeting days. oursework.	Students will log i	n to Canvas	and complete work reg	gularly throughout the we	ek. Canvas and oth	ner technologies will be required
30484	ANT-2 Online classe to complete of	Lecture s are distance education classes with no scheduled meeting days. oursework.	3 Students will log i	n to Canvas	and complete work re	ON-LINE gularly throughout the we	A Mejia eek. Canvas and oth	01/04 - 02/11/2 her technologies will be required
ART								
variou	quisite: None	Art Appreciation 2 Advisory: ENG-1A Description: An introductory cours hroughout history and culture. Students may not received. Lecture						
	Online classe to complete o	s are distance education classes with no scheduled meeting days. oursework.	Students will log i	n to Canvas	and complete work req	gularly throughout the we	ek. Canvas and oth	her technologies will be required
30487	ART-6	Lecture	3			ON-LINE	M Chandler	01/04 - 02/11/2
	Online classe to complete o	s are distance education classes with no scheduled meeting days. oursework.	Students will log i	n to Canvas	and complete work req	gularly throughout the we	ek. Canvas and oth	her technologies will be required
30690	ART-6	Lecture	3			ON-LINE	K Skiba	01/04 - 02/11/2
	Online classe	s are distance education classes with no scheduled meeting days.	Students will log i	n to Canvas	and complete work red	gularly throughout the we	ek. Canvas and of	her technologies will be required

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.

ART-17 Beginning Drawing

Prerequisite: None Description: An introduction to the fundamentals of drawing in a variety of media. The exploration of the elements of art, the principles of composition, perspective and the development of observational, motor and creative skills. Emphasis will be on black and white media. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)

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

### **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) 30652 BIO-1 MWF 09:00AM-10:00AM REG-MEET A Suriano 01/04 - 02/11/21 **ON-LINE** 01/04 - 02/11/21 Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. 30653 BIO-1 MW 06:00PM-07:30PM REG-MEET Lecture V Sharma 01/04 - 02/11/21 **ON-LINE** 01/04 - 02/11/21 Lab Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework 30655 BIO-1 06:00PM-07:30PM O Kim Lecture 01/04 - 02/11/21 TTh I ab **ON-LINE** 01/04 - 02/11/21 Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework 30656 BIO-1 Lecture MW 06:00PM-07:30PM REG-MEET V Sharma 01/04 - 02/11/21 ON-LINE 01/04 - 02/11/21 Lab Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. 30657 BIO-1 Lecture 09:00AM-10:30AM 01/04 - 02/11/21 B Moore ON-LINE 01/04 - 02/11/21 Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. 30658 BIO-1 09:00AM-10:30AM REG-MEET B Moore 01/04 - 02/11/21 ON-LINE 01/04 - 02/11/21 Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. 06:00PM-07:30PM REG-MEET 30697 BIO-1 Lecture TTh O Kim 01/04 - 02/11/21 01/04 - 02/11/21 Lab ON-LINE Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. Anatomy and Physiology I (formerly Amy-2a) Prerequisite: BIO-1 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. 30699 BIO-50A 01/04 - 02/11/21 ON-LINE A Tocts Lecture **TWTh** 01:00PM-02:50PM REG-MEET 01/04 - 02/11/21 Lab Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. 30706 BIO-50A ON-LINE 01/04 - 02/11/21 Lecture G Johansen 10:00AM-11:50AM REG-MEET 01/04 - 02/11/21 Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. 30740 BIO-50A Lecture ON-LINE J Reyes 01/04 - 02/11/21 **TWTh** 10:00AM-11:50AM REG-MEET 01/04 - 02/11/21 Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canyas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework Microbiology (formerly Mic-1) Prerequisite: CHE-2A or CHE-2B or CHE-3, and BIO-1 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. 30700 BIO-55 Lecture ON-LINE S Tronti 01/04 - 02/11/21 Lab MW 10:00AM-12:50PM ST-203 01/04 - 02/11/21 Lab ON-LINE 01/04 - 02/11/21 Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework 30701 BIO-55 ON-LINE S Tronti 01/04 - 02/11/21 Lecture Lab MW 02:00PM-04:50PM ST-203 01/04 - 02/11/21 Lab **ON-LINE** 01/04 - 02/11/21 Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework 30702 BIO-55 Lecture ON-LINE 01/04 - 02/11/21 06:00PM-08:50PM ST-203 Lab TTh J Schnakenberg Hyland 01/04 - 02/11/21 Lab **ON-LINE** 01/04 - 02/11/21

Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.

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SECT# Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
30703 BIO-55	Lecture	4			ON-LINE	S Tronti	01/04 - 02/11/21
	Lab		MW	06:00PM-08:50PM	ST-203	J Schnakenberg Hyland	01/04 - 02/11/21
	Lab				ON-LINE		01/04 - 02/11/21

Hybrid classes are distance education courses combined with on-campus face to face classes that will meet on required scheduled meetings days and times unless the college is ordered to discontinue face to face classes. If face to face courses are discontinued, and the course cannot be completed through distance education, it will be cancelled. Canvas and other technologies will be required to complete coursework.

## **BUSINESS ADMINISTRATION**

BUS-3 Computer Applications for Business Prerequisite: None Description: This course introduces a suite of computer applications to students preparing to enter 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.) 30502 BUS-3 3 ON-LINE Lecture R Finley 01/04 - 02/11/21 Lab ON-LINE 01/04 - 02/11/21 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

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)

30497 BUS-10 ON-LINE R Beck 01/04 - 02/11/21 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. 3 30737 BUS-10 Lecture ON-LINE R Beck 01/04 - 02/11/21

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

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.

30498 BUS-18A ON-LINE J Alpay 01/04 - 02/11/21 Lecture 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. 30499 BUS-18A 3 ON-LINE Lecture J Alpay 01/04 - 02/11/21

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

**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)

30500 BUS-20 Lecture 3 ON-LINE P Worsham 01/04 - 02/11/21

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.

**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.

30501 BUS-24 ON-LINE E Doucette Lecture 01/04 - 02/11/21

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

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.

30711 BUS-30 ON-LINE A Martin

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

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) 3 ON-LINE F Doucette 01/04 - 02/11/21

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.

## **CHEMISTRY**

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.)

01/04 - 02/11/21

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SECT# Cou	urse#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
30707 CH	HE-2A	Lecture	4	MTTh	08:00AM-10:30AM	A REG-MEET	A Duggal	01/04 - 02/11/2
		Lab				ON-LINE		01/04 - 02/11/2
		cation classes with regular weekly meeting during k regularly throughout the week. Canvas and othe				ublished course time	es. Additionally, students w	ill log in to Canvas and
30708 CH	HE-2A	Lecture	4	MTTh	08:00AM-10:30AM	A REG-MEET	P Kimbrough	01/04 - 02/11/21
		Lab				ON-LINE		01/04 - 02/11/21
		cation classes with regular weekly meeting during k regularly throughout the week. Canvas and other				ublished course time	es. Additionally, students w	ill log in to Canvas and
30709 CH	HE-2A	Lecture	4	MTTh	03:00PM-05:30PM	A REG-MEET	W Cui	01/04 - 02/11/21
		Lab				ON-LINE		01/04 - 02/11/21
com	mplete wor	cation classes with regular weekly meeting during k regularly throughout the week. Canvas and other		omplete cou	rsework.		•	
30710 CH	HE-2A	Lecture	4	MTTh	03:00PM-05:30PM		Z Zhu	01/04 - 02/11/21
		Lab				ON-LINE		01/04 - 02/11/21
con	mplete wor	cation classes with regular weekly meeting during k regularly throughout the week. Canvas and othe TION STUDIES				assistant double till	services in the services in th	log to outride dild
our speed organization of ethics in	ches, inc ional pat in public	Public Speaking Advisory: COM-51 and qualification for Juding informative and persuasive prese terns, topic choice and audience adaptat speaking, listening skills, and theory and Pass/No Pass option.)	ntations in front of a live audi ion, rhetorical principles, dev	ence. Empelopment	phasis will include: dif and support of sound	ferent purposes reasoning and a	of speaking, types of argument, theories of p	speeches and persuasion, application
30517 CO	DM-1	Lecture	3			ON-LINE	E Romero	01/04 - 02/11/21
to c	complete c	s are distance education classes with no schedul oursework.	<b>0</b> , 0	n to Canvas	and complete work regula	, ,		chnologies will be required
30518 CO	DM-1	Lecture	3			ON-LINE	L Tat	01/04 - 02/11/21

30519 COM-1 ON-LINE L Tat 01/04 - 02/11/21 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

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

30520 COM-1 3 **ON-LINE** B Rihan 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. 30682 COM-1 ON-LINE K Klager 01/04 - 02/11/21 Lecture

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 30683 COM-1 ON-LINE S Bee

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.

## Introduction to Persuasion

Lecture

to complete coursework

Prerequisite: None Description: An examination of historical and contemporary approaches to persuasive messages throughout time. A focus on theoretical perspectives involving persuasion including Aristotelian and Ciceronian Canons of Rhetoric and strategies on construction, delivery and critical analysis of persuasive messages. 54 course lecture. 30686 COM-2 **ON-LINE** E Romero 01/04 - 02/11/21

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

## Interpersonal Communication

Lecture

30526 COM-9

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.)

30522 COM-9 3 **ON-LINE** 01/04 - 02/11/21 M Lewis Lecture 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

30523 COM-9 3 ON-LINE M Lewis 01/04 - 02/11/21 Lecture The above section is a web-enhanced class. Internet access is required

3 30524 COM-9 Lecture

ON-LINE A Olaerts 01/04 - 02/11/21 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 30525 COM-9 ON-LINE A Olaerts 3 Lecture 01/04 - 02/11/21

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.

ON-LINE

ON-LINE

A Olaerts

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 30527 COM-9 ON-LINE 01/04 - 02/11/21

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 30684 COM-9

3

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

01/04 - 02/11/21

01/04 - 02/11/21

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SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
and so effection explor	quisite: None ocial patterns ve communic	Intercultural Communication Advisory: COM-51 and qualification for ENG-1A Description and their influence on how members of groups relate ameation within and between cultures and appreciation and comphasis on self-evaluation and skill development. 54 hour Lecture	ong themse omparison o	lves and wit of communic	h members of different cation among diverse	ent ethnic and cult e groups within the	ural groups. Theory and k	nowledge of
	Online classes	are distance education classes with no scheduled meeting days. Stud	-	to Canvas an	d complete work regular			
betwe approa	quisite: None en masculine aches to the	Gender and Communication Advisory: COM-51 and qualification for ENG-1A Descripti e and feminine gender types. Integrates theories to heighte development of gender are discussed. Gender communic d conflict management in interpersonal, small group and v Lecture	en students' ation issues	awareness are address	of the importance o sed with an emphas	of gender as a com sis on listening, per	munication variable. Theo ception, verbal, nonverba	oretical
	Online classes to complete co	are distance education classes with no scheduled meeting days. Studursework.	lents will log in	to Canvas an	d complete work regular	ly throughout the weel	c. Canvas and other technologi	es will be required
COM	PUTER A	PPLICATIONS/OFFICE						
may a preser	quisite: None Iso benefit fro	Computer Applications for Business Description: Introduces a suite of computer applications upon skills emphasized which include: use of basic operating ics. 54 hours lecture and 18 hours laboratory. (TBA option Lecture	g system fu	nctions, file	management, word	processing, sprea		
		Lab				ON-LINE		01/04 - 02/11/21
	to complete co		lents will log in	to Canvas an	d complete work regular	ly throughout the weel	c. Canvas and other technologi	es will be required
		NFORMATION SYSTEMS						
to bus	quisite: None. iness probler	Introduction to Computer Informational Systems  Description: An introduction to computer concepts and the susing word processors, spreadsheets, databases, presidents.	sentation gra					
30510	CIS-1A	Lecture Lab	3			ON-LINE ON-LINE	J Perry	01/04 - 02/11/21 01/04 - 02/11/21
	Online classes to complete co	are distance education classes with no scheduled meeting days. Studursework.	lents will log in	to Canvas an	d complete work regular	ly throughout the weel	c. Canvas and other technologic	es will be required
30512	CIS-1A	Lecture Lab	3			ON-LINE ON-LINE	J Coverdale	01/04 - 02/11/21 01/04 - 02/11/21
	Online classes to complete co	are distance education classes with no scheduled meeting days. Studursework.	lents will log in	to Canvas an	d complete work regular	ly throughout the weel	c. Canvas and other technologic	es will be required
30513	CIS-1A	Lecture Lab	3			ON-LINE ON-LINE	J Coverdale	01/04 - 02/11/21 01/04 - 02/11/21
	Online classes to complete co	are distance education classes with no scheduled meeting days. Studursework.	lents will log in	to Canvas an	d complete work regular	ly throughout the weel	c. Canvas and other technologic	es will be required
		Computer Applications for Business  Description: Introductory to intermediate concepts covering professionals. (Same as BUS/CAT-3)	ng Windows	s operating s	system, file manage	ment, and various	aspects of typical office a	applications for
30514	CIS-3	Lecture Lab	3			ON-LINE ON-LINE	R Finley	01/04 - 02/11/21 01/04 - 02/11/21
	Online classes to complete co	are distance education classes with no scheduled meeting days. Studursework.	lents will log in	to Canvas an	d complete work regular	ly throughout the weel	c. Canvas and other technologic	es will be required
progra		Programming Concepts and Methodology I: C++ Advisory: CIS-1A Description: Introduction to the disciplin for business, scientific and mathematical applications. Th Lecture Lab						laboratory. 01/04 - 02/11/21
	Online classes to complete co	are distance education classes with no scheduled meeting days. Stud	lents will log in	to Canvas an	d complete work regular		c. Canvas and other technologic	01/04 - 02/11/21 es will be required
associ	7A quisite: CIS/C ated algorith	Programming Concepts and Methodology Ii: C++ (same SC-5 Description: The application of software engineering ms. A comprehensive study of the syntax and semantics (atory. (TBA option)(Same as CSC-17A)	g technique:	s to the desi				
30509	CIS-17A	Lecture Lab	3			ON-LINE ON-LINE	J Ruiz	01/04 - 02/11/21 01/04 - 02/11/21
	Online classes to complete co	are distance education classes with no scheduled meeting days. Studursework.	lents will log in	to Canvas an	d complete work regular	ly throughout the weel	k. Canvas and other technologic	es will be required
	BA quisite: None onal instruction	Introduction to Adobe Photoshop (same As Cat-78a) Description: Introduction to Adobe Photoshop including mon in these skills: type manipulation, special effects, color						
	CIS-78A	Lecture Lab	3			ON-LINE ON-LINE	R Bourbeau	01/04 - 02/11/21 01/04 - 02/11/21
	Online elegene	are distance education classes with no scheduled meeting days. Stud	lante will log in	to Canvac an	d complete work regular	ly throughout the week	Canvas and other technologic	oc will be required

to complete coursework.

01/04 - 02/11/21

01/04 - 02/11/21

01/04 - 02/11/21

01/04 - 02/11/21

# \* MOST 21WIN CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \*

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

## **DRAFTING**

DFT-42 Solidworks I (same As Ene-42)

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.

30528 DFT-42 Lecture 3 MW 06:00PM-07:05PM REG-MEET F Mirzaei
Lab MW 07:15PM-08:30PM REG-MEET

The above section is a web-enhanced class. Internet access is required. See www.opencampus.com.

DFT-51 Blueprint Reading (same As Ene-51)

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 interpretation, types of projection, symbols and abbreviations. This course is designed for students interpretation, types of projection, symbols and abbreviations. This course is designed for students interpretation, types of projection, symbols and abbreviations. This course is designed for students interpretation, types of projection, symbols and abbreviations. This course is designed for students interpretation, types of projection, symbols and abbreviations.

students interested in print reading for the machine trades. 27 hours lecture and 27 hours laboratory.(Letter Grade, or Pass/No Pass option.)

30529 DFT-51 Lecture 2 ON-LINE F Mirzaei 01/04 - 02/11/21 Lab TTh 06:00PM-07:30PM REG-MEET 01/04 - 02/11/21

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. REG Meet courses are online classes with regular weekly meeting during scheduled days and times

### **EARLY CHILDHOOD EDUCATION**

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.

3

30530 EAR-20 Lecture

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

ON-LINE

H Alvarado

to complete coursework.
30531 EAR-20 Lecture 3 ON-LINE S Sumiati 01/04 - 02/11/2

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.

EAR-24 Introduction to Curriculum

Prerequisite: None Description: This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6. Students will examine a teacher's role in supporting development and engagement for all young children. This course 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.

30688 EAR-24 Lecture 3 ON-LINE S Burnett 01/04 - 02/11/21

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

EAR-26 Health, Safety and Nutrition

Prerequisite: None. Description: A study of health, safety and nutrition factors of importance to the teacher, child and family of the young child.

30689 EAR-26 Lecture 3 ON-LINE L Vazquez

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.

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.

30532 EAR-28 Lecture 3 ON-LINE R Carreon-Bailey 01/04 - 02/11/21

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.

EAR-41 Practicum in Early Intervention/Special Education

Prerequisite: EAR-28 EAR-24 EAR-42 EAR-20 Advisory: EAR-40 or EAR-46 Description: This course provides students with hands-on experience working with infants, toddlers and young children with special needs in a variety of early intervention and educational settings, including natural environments, self-contained and fully-included early childhood classrooms. It integrates learned theoretical models to real-life situations and affords students opportunities for supervised practice as an assistant in an early childhood special education setting, home visiting program or as an early intervention support person in a general education classroom. 36 hours lecture and 108 hours laboratory. (TBA option)

30534 EAR-41 Lecture 4 MTWTh 03:00PM-04:25PM REG-MEET M Adams 01/04 - 02/11/21 Lab MTWTh 08:30AM-01:15PM HSSP-CLASS 01/04 - 02/11/21

Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework. Pursuant to California Law SB792 all students enrolled in this class must have proof of immunization against measles, pertussis (TDap), and tuberculosis (TB). By the first class meeting students must have a completed Child Development Course Clearance Checklist showing immunization clearance. Immunizations and TB tests can be obtained at the Norco College Health Services office, or through your personal health provider. Copies of the clearance form can be obtained at the health clinic on campus or emailing maria.adams@norcocollege.edu Take this blank form with your evidence of immunization to the Norco Health Center for clearance and bring a copy on the first day of the practicum. The first day of the practicum begins at Ontario-Maple Head Start. Faculty will send information via email for location and details about course. \*Completion of lab hours at Head Start subject to change pending COVID related rules from local Health Department or Community Care Licensing.

EAR-42 Child, Family, and Community

Prerequisite: None. Description: An examination of the developing child in a societal context focusing on child, family, and the community with an emphasis on historical and socio-cultural factors.

30535 EAR-42 Lecture 3 ON-LINE T Oliver 01/04 - 02/11/21

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.

# \* MOST 21WIN CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \*

# \* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \* Units Days

Time

**ECONOMICS** 

SECT# Course#

ECO-7 Principles of Macroeconomics

Prerequisite: MAT-52 Advisory: MAT-35 and qualification for ENG-1A 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.

30537 ECO-7 ON-LINE P Boelman 01/04 - 02/11/21

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

## **ELECTRICITY**

Solid State Devices and Lighting Controls (same As Ele-75)

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.)

06:00PM-07:20PM REG-MEET 30538 ELC-75 Lecture TTh C Keissieh 01/04 - 02/11/21 TTh 07:30PM-09:40PM REG-MEET 01/04 - 02/11/21 Lab

Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Low Voltage Wiring and Alternate Energy Generation (same As Elc-76)

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.)

30539 ELC-76 MW 06:00PM-07:20PM REG-MEET K Rad 01/04 - 02/11/21 MW 07:30PM-09:40PM REG-MEET 01/04 - 02/11/21

Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Electrical Theory for Electricians (same As Ele/Man-77)

(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)

06:00PM-07:20PM REG-MEET 30723 ELC-77 G Graham Lecture 3 TTh 01/04 - 02/11/21 I ah TTh 07:30PM-09:40PM REG-MEET 01/04 - 02/11/21

Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

## **ELECTRONICS**

Solid State Devices Lighting Controls (same As Elc-75) Prerequisite: None. Description: Learn to integrate electronic devices into electrical systems. 30541 ELE-75 Lecture 3 TTh 06:00PM-07:20PM REG-MEET C Keissieh 01/04 - 02/11/21 07:30PM-09:40PM REG-MEET I ab TTh 01/04 - 02/11/21

Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Low Voltage Wiring/Alternate Energy (same As Elc-76)

Prerequisite: None. Description: Electrician training for institutional, educational and government needs, plus specialty areas not generally available from others.

30542 ELE-76 06:00PM-07:20PM REG-MEET Lecture MW 01/04 - 02/11/21 07:30PM-09:40PM REG-MEET Lab MW 01/04 - 02/11/21

Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

Electrical Theory for Electricians (same As Elc/Man-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 laboratory. (same as ELC/MAN-77)

06:00PM-07:20PM REG-MEET 30722 ELE-77 Lecture TTh G Graham 01/04 - 02/11/21 TTh 07:30PM-09:40PM REG-MEET 01/04 - 02/11/21

Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

## **ENGINEERING**

FNF-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)

30543 ENE-42 06:00PM-07:05PM Lecture MW F Mirzaei 01/04 - 02/11/21 MW 07:15PM-08:30PM 01/04 - 02/11/21

Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

# Engineering - English

# \* MOST 21WIN CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \* \* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \*

SECT#	Course#	Description	Units	Days	Time	Bldg-Room	Instructor D	ates
ENE-5	1	Blueprint Reading						
		Advisory: ENE-21 or MAT-36 Description: A beginning course i						
		course is designed for students interested in engineering bluer ame as DFT-51. (Letter Grade, or Pass/No Pass option.)	rint re	ading for the	basic mechanical, e	electrical and mac	nine trades. 27 nours lectu	ire and 27
		Lecture	2			ON-LINE	F Mirzaei	01/04 - 02/11/21
		Lab		TTh	06:00PM-07:30PM			01/04 - 02/11/21
	Online classes	are distance education classes with no scheduled meeting days. Students w	ill log ir	to Canvas and	complete work regularly	throughout the week.	Canvas and other technologies	will be required
	to complete co	ursework. REG Meet courses are online classes with regular weekly meeting	during	scheduled days	and times			
ENG	LISH							
ENG-1	A	English Composition						
		60 or ENG-50 or ENG-80 or qualifying placement Description: E						
		e exposition, argumentation, and academic research. Students b activities. Students may not receive credit for both ENG-1A a						
		Lecture	4	10 17411. 72110			T Comstock	01/04 - 02/11/21
		Lab				ON-LINE		01/04 - 02/11/21
	Online classes	are distance education classes with no scheduled meeting days. Students w	ill log ir	to Canvas and	complete work regularly	throughout the week.	Canvas and other technologies	will be required
	to complete co						. =::	
30546		Lecture Lab	4	TTh	09:00AM-11:00AM	REG-MEET ON-LINE	A Elizalde	01/04 - 02/11/21 01/04 - 02/11/21
		ation classes with regular weekly meeting during scheduled days and times.				ished course times. A	dditionally, students will log in to	Canvas and
305/17		regularly throughout the week. Canvas and other technologies will be require Lecture	ed to co	•	09:00AM-11:00AM	DEC_MEET	S Hanson	01/04 - 02/11/21
00041		Lab	7	IVIVV		ON-LINE	o Hallson	01/04 - 02/11/21
		ation classes with regular weekly meeting during scheduled days and times.	Student	s will attend class			dditionally students will log in to	
		regularly throughout the week. Canvas and other technologies will be require				ionoa ocurco amoc. 7	aditionally, olddonio wiii log iir to	Carrao ana
30548		Lecture	4				C Gomez	01/04 - 02/11/21
		Lab				ON-LINE		01/04 - 02/11/21
		are distance education classes with no scheduled meeting days. Students w	ill log ir	to Canvas and	complete work regularly	throughout the week.	Canvas and other technologies	will be required
30549	to complete cor ENG-1A	ursework. Lecture	4	TTh	06:00PM-08:00PM	REG-MEET	M Gonzalez	01/04 - 02/11/21
000-10		Lab	7			ON-LINE	W CONZUICE	01/04 - 02/11/21
		ation classes with regular weekly meeting during scheduled days and times.	Student	s will attend class	s online during the publ	ished course times. A	dditionally, students will log in to	
		regularly throughout the week. Canvas and other technologies will be require					,,	
30550		Lecture Lab	4	TTh	09:00AM-11:00AM	REG-MEET ON-LINE	S Hicks	01/04 - 02/11/21 01/04 - 02/11/21
	Distance educa	ation classes with regular weekly meeting during scheduled days and times. S	Student	s will attend class	s online during the publ	ished course times. A	dditionally, students will log in to	Canvas and
20554		regularly throughout the week. Canvas and other technologies will be require		mplete coursewo		ONLINE	V Jahanna Barana	04/04 00/44/04
30551		Lab	4			ON-LINE ON-LINE	K Johnson-Jimenez	01/04 - 02/11/21 01/04 - 02/11/21
		are distance education classes with no scheduled meeting days. Students w	ill log ir	to Canvas and			Canvas and other technologies	
	to complete co	ŭ ,	iii iog ii	i to Calivas aliu t	complete work regularly	tilloughout the week.	Canvas and other technologies	wiii be required
30553		Lecture	4			ON-LINE	J Reed	01/04 - 02/11/21
		Lab				ON-LINE		01/04 - 02/11/21
	Online classes to complete con	are distance education classes with no scheduled meeting days. Students wursework.	ill log ir	to Canvas and	complete work regularly	throughout the week.	Canvas and other technologies	will be required
30554		Lecture	4	MW	03:00PM-05:00PM	REG-MEET	J Watson	01/04 - 02/11/21
		Lab				ON-LINE		01/04 - 02/11/21
		ation classes with regular weekly meeting during scheduled days and times. S				ished course times. A	dditionally, students will log in to	Canvas and
30556		regularly throughout the week. Canvas and other technologies will be require Lecture	ed to co	mplete coursewo		ON-LINE	T Wallace	01/04 - 02/11/21
30330		Lab	4			ON-LINE	i vvaliac <del>e</del>	01/04 - 02/11/21
		are distance education classes with no scheduled meeting days. Students w	ill log ir	to Canvas and			Canvas and other technologies	
	to complete co	• .	09		ompioto nom rogala)	anoughout are moon.	ourned and ourse toomistogree	20 .oquou
ENG-1	В	Critical Thinking and Writing						
		1A or ENG-1AH Description: Building on the rhetorical skills lea						
		orted academic arguments and literary analyses. Composition with writing lab activities. Student may not receive credit for both						s. Classroom
		Lecture	4				S Camacho	01/04 - 02/11/21
		Lab				ON-LINE		01/04 - 02/11/21
		are distance education classes with no scheduled meeting days. Students w	ill log ir	to Canvas and	complete work regularly	throughout the week.	Canvas and other technologies	will be required
20550	to complete co		,	TTI.	00 00014 05 00014	DEO MEET	0.1/-	04/04 00/44/04
30559		Lecture	4	TTh	03:00PM-05:00PM		C Young	01/04 - 02/11/21
		Lab	د ده امريو	امام النبير		ON-LINE	dditionally atudents will be !- !-	01/04 - 02/11/21
		ation classes with regular weekly meeting during scheduled days and times. Stregularly throughout the week. Canvas and other technologies will be require			• .	isileu course times. A	uullionaliy, students Will log in to	Carivas and
30560	ENG-1B	Lecture	4	,,		ON-LINE	L Nelson	01/04 - 02/11/21
		Lab				ON-LINE		01/04 - 02/11/21
		are distance education classes with no scheduled meeting days. Students w	ill log ir	to Canvas and	complete work regularly	throughout the week.	Canvas and other technologies	will be required
	to complete cor	ursework.						

*	OST 21WIN CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT *
*	FE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION *

	* SEE SECTION NOTES FOR	R ANY AI	DDITIC	ONAL SPEC	IFIC INFO	ORMATION *	
SECT# Course#	Description	Units	Days	Time	Bldg-Room	Instructor	Dates
30561 ENG-1B	Lecture	4	Duyo	Timo	ON-LINE	L Nelson	01/04 - 02/11/21
	Lab				ON-LINE		01/04 - 02/11/21
Online classe to complete	es are distance education classes with no scheduled meeting days	. Students will log	in to Canvas	and complete work regular	ly throughout the v	veek. Canvas and other tec	hnologies will be required
30562 ENG-1B	Lecture	4			ON-LINE	L Hernandez	01/04 - 02/11/21
OCCUPATION ID	Lab	7			ON-LINE	L Homanacz	01/04 - 02/11/21
Online classe	es are distance education classes with no scheduled meeting days	. Students will log	in to Canvas	and complete work regular	****	veek. Canvas and other ted	
30564 ENG-1B	Lecture	4	MW	03:00PM-05:00PM	I REG-MEET	D Mattson	01/04 - 02/11/21
OCCOT LITE ID	Lab	•		00.001 W 00.001 W	ON-LINE	D Mattoon	01/04 - 02/11/21
ESL-72 Prerequisite: Non	Intermediate Reading and Vocabulary le Advisory: ESL-71 and ESL-53 or ESL-54 Description ductive vocabulary, and comprehension of medium-len						
30731 ESL-72	Lecture	4	MTW	10:00AM-12:00PM	I REG-MEET	M Shirinian	01/04 - 02/11/21
	Lab				ON-LINE		01/04 - 02/11/21
GAME DEVE	History of Video Games (formerly Gam-21)	vill be required to c	omplete cour	sework.			
reflect the beliefs	e Description: A comprehensive study of the evolution, aspirations and values of the cultures where they flour ological innovations. 54 hours lecture. (Letter grade)						
30712 GAM-2	Lecture	3			ON-LINE	J Finley	01/04 - 02/11/21
Online classe to complete	es are distance education classes with no scheduled meeting days coursework.	. Students will log	in to Canvas	and complete work regular	ly throughout the v	veek. Canvas and other ted	hnologies will be required
GAM-3A Prerequisite: Non 54 hours lecture.	Game Design e Description: An introduction to the fundamental techr	niques, concept	s, vocabula	ary, and practical appl	ication of these	skills towards the disc	cipline of game design.
30715 GAM-3A	Lecture	3			ON-LINE	C Chance	01/04 - 02/11/21
Online classe to complete	es are distance education classes with no scheduled meeting days coursework.	. Students will log	in to Canvas	and complete work regular	ly throughout the v	veek. Canvas and other ted	hnologies will be required
allow for fundame	Game Scripting e Description: A first course in programming for games ental interactions in digital games. 54 hours lecture.		amental pr	ogramming principles		jic structures and desi	gn paradigms that
30717 GAM-4A	Lecture	3			ON-LINE	J Finley	01/04 - 02/11/21
Online classe to complete	es are distance education classes with no scheduled meeting days coursework.	. Students will log	in to Canvas	and complete work regular	ly throughout the v	veek. Canvas and other ted	hnologies will be required

**GEOGRAPHY** 

GEG-1	Physical Geography				_
Prerequisite: Nor	ne Description: The interacting physical processes of	of air, water, land, and life that impa	ct Earth's surface. Topics include	e weather and climate, th	e water cycle,
	ate tectonics, and the characteristics of plant and a				
distributions. The	re is a heavy emphasis on maps as descriptive and	d analytical tools. Students may not	receive credit for both GEG-1 a	nd GEG-1H. 54 hours led	ture.
30566 GEG-1	Lecture	3	ON-LINE	R Christov	01/04 - 02/11/21
	es are distance education classes with no scheduled meeting coursework.	days. Students will log in to Canvas and co	emplete work regularly throughout the w	eek. Canvas and other techno	logies will be required
30567 GEG-1	Lecture	3	ON-LINE	R Christov	01/04 - 02/11/21
	es are distance education classes with no scheduled meeting coursework.	days. Students will log in to Canvas and co	emplete work regularly throughout the w	reek. Canvas and other techno	logies will be required
30704 GEG-1	Lecture	3	ON-LINE	E Ogbuchiekwe	01/04 - 02/11/21
	es are distance education classes with no scheduled meeting coursework.	days. Students will log in to Canvas and co	emplete work regularly throughout the w	reek. Canvas and other techno	logies will be required
GEG-1L Prerequisite: Nor	Physical Geography Laboratory ne Corequisite: GEG-1DE or GEG-1H Description: I	Practical application of scientific pri	nciples through geographically b	ased in-class exercises ι	ising a variety of
tools, such as ma	aps, photos, and data in various forms. 54 hours lab	poratory.			-
30568 GEG-1L	Lecture	1	ON-LINE	R Christov	01/04 - 02/11/21
	es are distance education classes with no scheduled meeting coursework.	days. Students will log in to Canvas and co	emplete work regularly throughout the w	eek. Canvas and other techno	logies will be required
30705 GEG-1L	Lecture	1	ON-LINE	E Ogbuchiekwe	01/04 - 02/11/21

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.

# \* MOST 21WIN CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \*

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

### **GUIDANCE**

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 selfmanagement 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. 30569 GUI-47 ON-LINE J Moore 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. 30570 GUI-47 3 **ON-LINE** Lecture M Iliscupidez 01/04 - 02/11/21 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 3 **ON-LINE** 30571 GUI-47 A Moreno Lecture 01/04 - 02/11/21 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. 30572 GUI-47 3 ON-LINE Lecture E Montgomery 01/04 - 02/11/21 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. 30573 GUI-47 3 ON-LINE J Rubino 01/04 - 02/11/21 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 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) 30574 GUI-48 ON-LINE A Davis 01/04 - 02/11/21 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. **HEALTH SCIENCE** Health Science (same As Bio-35) Prerequisite: None Description: A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for health life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification. 30664 HFS-1 ON-LINE T Wallstrom 01/04 - 02/11/21 Lecture 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 30665 HES-1 3 Lecture ON-LINE T Wallstrom 01/04 - 02/11/21 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. **HISTORY** HIS-6 United States History to 1877 Prerequisite: None Advisory: REA-83 or ENG-50 or ENG-50 or qualification for ENG 1A. 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. 30577 HIS-6 ON-LINE M Hickerson Lecture 01/04 - 02/11/21 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 30578 HIS-6 3 ON-LINE H Vion Lecture 01/04 - 02/11/21 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. 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. 30579 HIS-7 3 ON-LINE Lecture C Delgadillo 01/04 - 02/11/21 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 30580 HIS-7 Lecture 3 ON-LINE D Reina 01/04 - 02/11/21

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

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

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ON-LINE

ON-LINE

**ON-LINE** 

D Reina

D Reina

H Vion

3

3

RCCD Winter 2021 Class Schedule - generated 01/22/2021 6:55 p.m.

to complete coursework.

to complete coursework

to complete coursework.

to complete coursework.

Lecture

30581 HIS-7

30582 HIS-7

30583 HIS-7

01/04 - 02/11/21

01/04 - 02/11/21

01/04 - 02/11/21

# IOST 21WIN CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION

SECT# Course# Units Bldg-Room Days 30584 HIS-7 Lecture ON-LINE H Vion 01/04 - 02/11/21

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

### **HUMANITIES**

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.

30586 HUM-5 Lecture

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

ON-LINE

ON-LINE

A Silva

D Ketcham

01/04 - 02/11/21

01/04 - 02/11/21

01/04 - 02/11/21

01/04 - 02/11/21

to complete coursework

HUM-9 American Voices Prerequisite: None Advisory: REA-83 and qualification for ENG-1A Description: An interdisciplinary study of American voices across class, racial, ethnic, religious, and other

30691 HUM-9 Lecture

boundaries. Close reading of American biographies and autobiographies of writers, artists, musicians, and other artists to analyze the evolving character of American identity. 54 hours lecture 3 ON-LINE M Bobo 01/04 - 02/11/21

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

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.

3

30585 HUM-10 Lecture

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

## **KINESIOLOGY**

KIN-4

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)

30671 KIN-4 ON-LINE

T Wallstrom 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. 3 30672 KIN-4 Lecture ON-LINE 01/04 - 02/11/21

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

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. ON-LINE R Aguilar

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.

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.)

30592 KIN-A40 ON-LINE D Namekata 01/04 - 02/11/21 Lecture

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

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.) 01/04 - 02/11/21 30674 KIN-A41 Lecture ON-LINE D Namekata

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

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.)

30594 KIN-A46 ON-LINE I Zank 01/04 - 02/11/21 Lecture

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.

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.)

	* MOST 21WIN C * SEE SECTION N						
SECT# Course#	Description	OTEOTOR AN	Units Days	Time	Bldg-Room	Instructor	Dates
30675 KIN-A47	Lecture		1	Timo	ON-LINE	L Zank	01/04 - 02/11/21
Online classe to complete comp	s are distance education classes with no schoursework.	neduled meeting days. Students	will log in to Canvas and	d complete work regula	rly throughout the we	ek. Canvas and other technologies	ologies will be required
	Soccer Description: This course is designe al skills and applying these skills to g Lecture					n soccer. Emphasis will	01/04 - 02/11/21
	s are distance education classes with no sch	neduled meeting days. Students	will log in to Canvas and	d complete work regula			
KIN-A81A Prerequisite: None cardiovascular end	Physical Fitness, Beginning Description: This course is designe durance, muscular strength, muscula ing to Title 5, section 55040. For furth	ar endurance, and flexibility	will be developed.	KIN-A81A and A8	1B are courses re	lated in content and are	limited in
Online classe to complete comp	s are distance education classes with no schoursework.	neduled meeting days. Students	will log in to Canvas and	d complete work regula	rly throughout the we	eek. Canvas and other technologies	ologies will be required
A81B are courses laboratory. (TBA o	Cardio and Strength Training, Interest Description: Provides nutritional, corelated in content and are limited in ption)(Letter Grade, or Pass/No Pastlanting)	ardiovascular, strength, flex enrollment according to Tit			ation see section	VIII regarding course re	epetition. 54 hours
30718 KIN-A81B	Lecture	and the description of the description	l		ON-LINE	R Aguilar	01/04 - 02/11/21
to complete o	s are distance education classes with no schoursework.	neduled meeting days. Students t	will log in to Canvas and	complete work regula	rry throughout the we	eek. Canvas and other techni	biogles will be required
strength, flexibility, 30716 KIN-A83	e. Description: Basic fitness concepts endurance, movement memory, bal Lecture s are distance education classes with no schoursework.	ance, coordination and car	diovascular fitness	54 hours laborato	ry. (Letter Grade, ON-LINE	or Pass/No Pass option L Zank	n.) 01/04 - 02/11/21
research question:	Introduction to Information Literacy e Description: Presents the fundaments and develop new ones. Students was ade, or Pass/No Pass option.)	ntals of the effective use of					
30599 LÌB-1	Lecture		1		ON-LINE	M Castro	01/04 - 02/11/21
Online classe to complete or	s are distance education classes with no schoursework.	neduled meeting days. Students	will log in to Canvas and	d complete work regula	rly throughout the we	ek. Canvas and other technol	ologies will be required
MANAGEMEN	IT						
MAG-47 Prerequisite: None responsibility. (Sar	Applied Business, Management Et e. Description: An examination of eth me as BUS-47)		porate, personal, g	obal, environment	al, public related i	ssues ethics audits, and	d corporate social
30600 MAG-47	Lecture		3		ON-LINE	E Doucette	01/04 - 02/11/21
The above se	ction is an online class. Computer with Inter	net access required. See www.or	pencampus.com.				
	Human Relations  Description: Practical application of	of basic psychology in build		-employee relation		A.M. 6	
30601 MAG-53	Lecture		3		ON-LINE	A Martin	01/04 - 02/11/21
Online classe to complete c	s are distance education classes with no schoursework.	neduled meeting days. Students i	will log in to Canvas and	l complete work regula	rly throughout the we	ek. Canvas and other techn	ologies will be required
MANUFACTU	RING TECHNOLOGY						
capacitance, react systems, and prop electrical problems	Electrical Theory for Electricians E-77) Prerequisite: None Descriptior ance, impedance, Watts, Volt-Amps er usage of electrical test equipmen s for both alternating current (A.C.) a ersonal protective equipment (PPE).	, VARs, current control dev t (meters). Student will lear nd direct current (D.C.) circ	ices, sensors and a n concepts of elect cuits. Student will le	ctuators phase and rical power, energy arn basic electrica	gle, power-factor, , Kirchoff's Laws,	transformers, motors, palong with basic math	oower distribution to solve fundamental

## MANUFACTURI

MAN-77	Electrical Theory for Electricians

Calculus I

30725 MAN-77 Lecture TTh 06:00PM-07:20PM REG-MEET G Graham 01/04 - 02/11/21 Lab

TTh 07:30PM-09:40PM REG-MEET 01/04 - 02/11/21

# **MATHEMATICS**

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) 30695 MAT-1A ON-LINE B Johnson Lecture 01/04 - 02/11/21

Lab **ON-LINE** 01/04 - 02/11/21

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to complete co MAT-1B Prerequisite: MAT-	Lecture Lab are distance education classes with no scheduled meeting d	4			ON-LINE ON-LINE	B Johnson	01/04 - 02/11/2
to complete co 1AT-1B rerequisite: MAT-	•				OIN-LINE		01/04 - 02/11/2
rerequisite: MAT-	ursework.	lays. Students will log	in to Canvas an	d complete work regular	rly throughout the w	eek. Canvas and other tech	hnologies will be required
	Calculus II 1A Description: Techniques of integration, applicat nd 18 hours laboratory. (Letter Grade, or Pass/No I		ı, improper in	tegrals, parametric e	equations, polar	coordinates, infinite se	equences and series.
0677 MAT-1B	Lecture Lab	4			ON-LINE ON-LINE	R Delgado	01/04 - 02/11/2 01/04 - 02/11/2
Online classes to complete co	are distance education classes with no scheduled meeting dursework.	lays. Students will log	in to Canvas an	d complete work regular	rly throughout the w	eek. Canvas and other tec	hnologies will be required
0694 MAT-1B	Lecture Lab	4			ON-LINE ON-LINE	R Delgado	01/04 - 02/11/2 01/04 - 02/11/2
to complete co		lays. Students will log	in to Canvas an	d complete work regular	rly throughout the w	eek. Canvas and other tech	hnologies will be required
pplications. Topics	Calculus for Business and Life Science 35 Description: A study of the techniques of calcul s include: Functions, graphs, limits, derivatives, int	egrals, exponentia			ours lecture. (Le	tter Grade or Pass/No	Pass option.)
MAT-5 The above sec	Lecture stion is a web-enhanced class. Internet access is required.	4			ON-LINE	S Park	01/04 - 02/11/2
MAT-10	Precalculus	aration for calculu	a. Dalumamial	abaaluta valua ra	diaal rational o	recognition legarithmic	and trigonomotric
unctions and their 00 hours lecture. (L	36 or qualifying placement level Description: Prepa graphs; analytic geometry, polar coordinates, sequenter Grade or Pass/No Pass option)	uences, and series			for MAT 10 if the	ey have already receiv	
30676 MAT-10	Lecture	5			ON-LINE	J DeGuzman	01/04 - 02/11/2
Online classes to complete co	are distance education classes with no scheduled meeting dursework.	lays. Students will log	in to Canvas an	d complete work regula	rly throughout the w	eek. Canvas and other tec	hnologies will be required
egression, probab oftware to data, in	Statistics 35 or MAT-37 or MAT-43 or qualifying placement lility, the normal distribution, the t-distribution, the cicluding the interpretation of the relevance of the sinces will be included. 72 hours lecture. (Letter Gra Lecture	hi-square distribu tatistical findings.	tion, estimation Applications	on, testing of hypoth	eses, analysis c	of variance, and the ap	plication of statistical
	are distance education classes with no scheduled meeting d	lavs. Students will log	in to Canvas an	d complete work regular			
to complete co		4	MW	09:00AM-11:00AM		C Hutchings	01/04 - 02/11/2
Distance educ	ation classes with regular weekly meeting during scheduled d regularly throughout the week. Canvas and other technologic		nts will attend cl	ass online during the pu		· ·	
0609 MAT-12	Lecture	4			ON-LINE	C Jacinto	01/04 - 02/11/2
Online classes to complete co 0610 MAT-12	are distance education classes with no scheduled meeting dursework.  Lecture	lays. Students will log	in to Canvas an	d complete work regular	rly throughout the w	eek. Canvas and other tecl  B Lopez Segoviano	
Online classes	are distance education classes with no scheduled meeting d	•	in to Canvas an	d complete work regular	*		
to complete co 0611 MAT-12		4			ON-LINE	B Lopez Segoviano	01/04 - 02/11/2
to complete co	are distance education classes with no scheduled meeting dursework.			d complete work regular	rly throughout the w	eek. Canvas and other tec	hnologies will be required
MAT-12	Lecture stion has assignments centered on the African American expe	4 prience and is intended	MTWTh	09:00AM-11:00AM		F Mendoza	01/04 - 02/11/2
Distance educa complete work	ation classes with regular weekly meeting during scheduled of regularly throughout the week. Canvas and other technologic	lays and times. Stude	nts will attend cl	ass online during the pu	blished course time	s. Additionally, students wil	
	Lecture are distance education classes with no scheduled meeting d	4 lays. Students will log	in to Canvas an	d complete work regular	ON-LINE rly throughout the w	K Gilman eek. Canvas and other tecl	01/04 - 02/11/2 hnologies will be required
to complete co 0734 MAT-12	ursework. Lecture	4	MTWTh	09:00AM-11:00AN	I REG-MEET	F Mendoza	01/04 - 02/11/2
with regular we	ction has assignments centered on the African American expe bekly meeting during scheduled days and times. Students will week. Canvas and other technologies will be required to con	l attend class online d					
0735 MAT-12	Lecture	4	MTWTh	09:00AM-11:00AM	REG-MEET	F Mendoza	01/04 - 02/11/2
classes with re	ction has assignments centered on the African American expe- egular weekly meeting during scheduled days and times. Stud- week. Canvas and other technologies will be required to con	lents will attend class					
tudents are introd	Intermediate Algebra 52 Description: The concepts introduced in element uced to functions, inverse functions, exponential are lecture. (Letter Grade or Pass/No Pass option)						
0617 MAT-35	Lecture	5	i- t- 0	dlet	ON-LINE	E Chung	01/04 - 02/11/2
Online classes		lays. Students will log	in to Canvas an	a complete work regular	rly throughout the w	eek. Canvas and other tech	hnologies will be required 01/04 - 02/11/2
to complete co	Lecture						

# Mathematics - Psychology

# \* MOST 21WIN CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \*

	* SEE SECTION	NOTES FOR AN	Y ADD	ITIONAL S	PECIFIC INF	ORMATIC	ON *
SECT# Course#	Description		Units Days	Time	Bldg-Room	Instructor	Dates
expressions; solv	Trigonometry T-35 OR Appropriate placement. D ring trigonometric equations; solvin ements of geometry important to th	g right triangles; solving oblique	e triangles i	using the law of sine	s and cosines; polar c	oordinates; com	
30619 MAT-36 Online class	Lecture les are distance education classes with no	scheduled meeting days. Students wi	4 Il log in to Ca	nvas and complete work	ON-LINE regularly throughout the we	K Baccari eek. Canvas and oth	01/04 - 02/11/2 er technologies will be required
to complete 30620 MAT-36	coursework. Lecture		4		ON-LINE	S Park	01/04 - 02/11/2
	es are distance education classes with no	scheduled meeting days. Students wi	ll log in to Ca	nvas and complete work			
MUSIC							
	Music Appreciation ne Description: A broad survey of n roles of music and musicians in so						
30622 MUS-19	Lecture		3		ON-LINE	K Kamerin	01/04 - 02/11/2
	es are distance education classes with no	scheduled meeting days. Students wi	II log in to Ca	nvas and complete work	regularly throughout the we	eek. Canvas and oth	er technologies will be required
30623 MUS-19	coursework. Lecture		3		ON-LINE	K Kamerin	01/04 - 02/11/2
	es are distance education classes with no	scheduled meeting days. Students wi	II log in to Ca	nvas and complete work	regularly throughout the we	eek. Canvas and oth	er technologies will be required
MUS-87	coursework.  Applied Music Training						
Prerequisite: Nor audition. Each st	ne Description: Vocal or instrument udent must complete 54 hours in a may be taken a total of four times.	combination of individualized p					
30625 MUS-87	Lecture	· · · · · · · · · · · · · · · · · · ·	1		REG-MEET	K Kamerin	01/04 - 02/11/2
	e times are to be arranged with your instructor; Kim. Kamerin@norcocoll		to log 6.5 hou	ırs of practice each weel	k and complete several con	cert performance re	oorts. For additional information
various branches	Introduction to Philosophy ne Advisory: ENG-50 or ENG-80 Do s of philosophy: metaphysics, theor 10H. 54 hours lecture.						
30626 PHI-10	Lecture		3		ON-LINE	M Murphey	01/04 - 02/11/2
	es are distance education classes with no	scheduled meeting days. Students wi	II log in to Ca	nvas and complete work	regularly throughout the we	eek. Canvas and oth	er technologies will be required
to complete PHI-11	Critical Thinking						
Prerequisite: Nor developing and e	ne Advisory: REA-82 Description: Fenhancing the student's ability to ideasoning, rhetoric, theory of knowledges	entify, analyze, and present arg	uments. To	pics covered throug	h analysis and writing		
30627 PHI-11	Lecture		3		ON-LINE	J Gill	01/04 - 02/11/2
	es are distance education classes with no coursework.	scheduled meeting days. Students wi	ll log in to Ca	nvas and complete work	regularly throughout the we	eek. Canvas and oth	er technologies will be required
POLITICAL S	SCIENCE						
	American Politics ne Advisory: REA-83 and qualifications and processes, and political actors lecture.	•			•		•
30628 POL-1	Lecture		3		ON-LINE	R Brown	01/04 - 02/11/2
Online class to complete	es are distance education classes with no coursework	scheduled meeting days. Students wi	Il log in to Ca	nvas and complete work	regularly throughout the we	eek. Canvas and oth	er technologies will be required
30629 POL-1	Lecture		3		ON-LINE	C Jun	01/04 - 02/11/2
	es are distance education classes with no coursework.	scheduled meeting days. Students wi	II log in to Ca	nvas and complete work	regularly throughout the we	eek. Canvas and oth	er technologies will be required
30630 POL-1	Lecture		3		ON-LINE	R Khoury	01/04 - 02/11/2
to complete	es are distance education classes with no coursework.			nvas and complete work			
30631 POL-1	Lecture  es are distance education classes with no		3 Il log in to Ca	avac and complete wards	ON-LINE	E Walker	01/04 - 02/11/2

# **PSYCHOLOGY**

to complete coursework.

PSY-1 General Psychology
Prerequisite: None. Description: Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.

	* MOST 21WIN CL * SEE SECTION N					
SECT# Course#	Description	1	Jnits Days Time	Bldg-Room	Instructor	Dates
30632 PSY-1	Lecture		3	ON-LINE	A Deane	01/04 - 02/11/21
Online classe to complete of	es are distance education classes with no so	cheduled meeting days. Students wil	l log in to Canvas and complete work	regularly throughout the wee	ek. Canvas and other technolog	ies will be required
30633 PSY-1	Lecture		3	ON-LINE	G Curasi	01/04 - 02/11/21
	es are distance education classes with no so	cheduled meeting days. Students wil	l log in to Canvas and complete work			
to complete of	coursework.					•
30634 PSY-1	Lecture	;	3	ON-LINE	H Alvarado	01/04 - 02/11/21
to complete of		cheduled meeting days. Students wil	l log in to Canvas and complete work		·	•
30635 PSY-1	Lecture	;	3	ON-LINE	J Trujillo	01/04 - 02/11/21
Online classe to complete o	es are distance education classes with no so coursework.	cheduled meeting days. Students wil	l log in to Canvas and complete work	regularly throughout the wee	ek. Canvas and other technolog	ies will be required
research principle learning and mem and non-invasive	Biological Psychology  1 Description: The scientific study of the studying brain-behavior associory, sleep and dreaming, and neuroexperimental investigations. 54 hour	ations and mental processes, logical and mental disorders.	basic nervous system structur	re and function, sensory nd animal research are	and motor systems, emot	tion, motivation,
30693 PSY-2	Lecture	;	3	ON-LINE	B Adams	01/04 - 02/11/21
Online classe to complete o	es are distance education classes with no so coursework.	cheduled meeting days. Students wil	l log in to Canvas and complete work	regularly throughout the wee	ek. Canvas and other technolog	ies will be required
PSY-9	Developmental Psychology					
Prerequisite: Non-	e Description: Examines the prevaili Lecture	ng theories and research of d	evelopmental psychology and	the stages of human de ON-LINE	velopment from conception  K Zamiska	on to death. 01/04 - 02/11/21
	es are distance education classes with no so	heduled meeting days. Students wil	l log in to Canvas and complete work			
to complete of		incutice meeting days. Students wil	riog in to ourivas and complete work		n. ourivas and other teermolog	ics will be required
30637 PSY-9	Lecture	;	3	ON-LINE	K Zamiska	01/04 - 02/11/21
to complete of	es are distance education classes with no so coursework.	cheduled meeting days. Students wil	l log in to Canvas and complete work	regularly throughout the wee	ek. Canvas and other technolog	ies will be required
30638 PSY-9	Lecture	;	3	ON-LINE	K Zamiska	01/04 - 02/11/21
Online classe to complete of	es are distance education classes with no so coursework.	cheduled meeting days. Students wil	l log in to Canvas and complete work	regularly throughout the wee	ek. Canvas and other technolog	ies will be required
research. Topics of designs. This cour computation. This research in the be	Statistics for the Behavioral Scien 7-35, MAT-37 or MAT-42 or qualifying cover both inferential and descriptive rse covers the logic of hypothesis te course trains students to use a state phavioral sciences. 54 hours lecture.	g placement level Description: e statistics including correlatio sting and emphasizes concep istical software package used	ns, regression analysis, chi-sq otualization of material and inte	uares, t-tests, analysis or erpreting findings for use chers and prepares then	of variance, and an introdu in behavioral science res n to proficiently consume p	uction to factorial search above published
30681 PSY-48	Lecture		3	ON-LINE	N Jimenez Hernandez	01/04 - 02/11/21
Online classe to complete of	es are distance education classes with no so coursework.	cheduled meeting days. Students wil	l log in to Canvas and complete work	regularly throughout the wee	ek. Canvas and other technolog	ies will be required
	Research Methods in Psychology -1 and PSY-48 or MAT-12 or MAT-1 Il complement the lectures and allow pratory.	2H Description: Introduces st				
30692 PSY-50	Lecture		4	ON-LINE	N Jimenez Hernandez	01/04 - 02/11/21 01/04 - 02/11/21
Online classe to complete o	Lab es are distance education classes with no so	cheduled meeting days. Students wil	l log in to Canvas and complete work	ON-LINE regularly throughout the wee	ek. Canvas and other technolog	**. *==
·						
REAL ESTAT						
RLE-80 Prerequisite: Non- 30642 RLE-80	Real Estate Principles e. Description: Comprehensive anal Lecture	ysis of basic laws, principles,t	erminology and current practic	es of California real esta	ate. L Namazi	04/04 00/44/04
		hadulad maating days. Students wil	) Llog in to Canyon and complete work			01/04 - 02/11/21
to complete of	es are distance education classes with no so coursework.	rneduled meeting days. Students wil	l log in to Canvas and complete work	regularly throughout the wee	ek. Canvas and other technolog	ies will be required
SOCIOLOGY						
SOC-1	Introduction to Sociology					
sociology includin	e Advisory: ENG-50 Description: An g its overall perspective, theoretical of socialization, groups, organization	orientations, and research me	ethodology; the foundations of	social life including the	components of culture, so	cial interaction

change. Students may not receive credit for both SOC-1 and 1H. 54 hours lecture 30643 SOC-1 ON-LINE J Hill Lecture 01/04 - 02/11/21 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. 30644 SOC-1 3 ON-LINE J Hill 01/04 - 02/11/21 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. . 30645 SOC-1 TTh 06:00PM-08:00PM REG-MEET 01/04 - 02/11/21 Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and

complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

# \* MOST 21WIN CLASSES ARE BEING OFFERED IN AN ONLINE FORMAT \*

\* SEE SECTION NOTES FOR ANY ADDITIONAL SPECIFIC INFORMATION \*

### **SPANISH**

SECT# Course#

SPA-1 Spanish 1

Prerequisite: NoneAdvisory: 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.)

Units Days

30646 SPA-1 Lecture

5 TWTh 09:00AM-10:30AM REG-MEET

ON-LINE 01/04 - 02/11/21

Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

SPA-2 Spanish 2

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

30647 SPA-2 Lecture

Lecture

TWTh 09:00AM-10:00AM REG-MEET

D Hitchcock

A Covarrubias

01/04 - 02/11/

lab

ON-LINE 01/04 - 02/11/21

Distance education classes with regular weekly meeting during scheduled days and times. Students will attend class online during the published course times. Additionally, students will log in to Canvas and complete work regularly throughout the week. Canvas and other technologies will be required to complete coursework.

#### **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.

30648 THE-3 Lecture

3

ON-LINE

W Stevens

01/04 - 02/11/21

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.