



## ACCOUNTING

### ACCT 20: Financial Accounting

Transferable: CSU, UC



An introduction to accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. The course covers the accounting information system including the process, purpose, concepts, rules, and theory. The course will include the application of accounting principles, concepts, and theory used to accumulate and summarize financial data into financial statements. The course will include issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. The course will include the critical analysis and interpretation of financial information and financial statements. This course has the option of a letter grade or pass/no pass. (C-ID: ACCT 110).

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10500	ACCT 20	Lec	4.0	01:00 pm - 03:05 pm	T	BU-120	Wolowitz, Jason	6
	ACCT 20	Online 				ONLINE	Wolowitz, Jason	
12249	ACCT 20	Lec	4.0	04:00 pm - 06:05 pm	T	BU-118	Chand, Vikash	1
	ACCT 20	Online 				ONLINE	Chand, Vikash	

### ACCT 21: Managerial Accounting

Transferable: CSU, UC

This course will study how managers use accounting information for decision making, planning, directing and controlling. Topics will include managerial control methods, cost terms, cost concepts, cost behaviors, cost accounting, cost-volume-profit analysis, variable costing, budgeting, decision making concepts and other related topics. This course has the option of a letter grade or pass/no pass. (C-ID: ACCT 120) PREREQUISITE: ACCT 20 Financial Accounting.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11114	ACCT 21	Lec	4.0	03:30 pm - 05:35 pm	T	BU-120	Wolowitz, Jason	9
	ACCT 21	Online 				ONLINE	Wolowitz, Jason	
11434	ACCT 21	Lec	4.0	06:00 pm - 09:10 pm	W	BU-120	Williams, Travis	8
	ACCT 21	Online 				ONLINE	Williams, Travis	

## ADMINISTRATION OF JUSTICE

### AJ 10: Introduction to the Administration of Justice

Transferable: CSU, UC; CSU-GE:D, IGETC:4H, GAV-GE:D2, F

The history and philosophy of justice as it evolved throughout the world; in-depth study of the American system and various sub-systems; roles and role expectations of criminal justice agents in their interrelationships in society; concepts of crime causations, punishments and rehabilitation; ethics, education and training for professionalism in the social system. (C-ID: AJ 110)


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10961	AJ 10	Lec	3.0	08:10 am - 09:35 am	R	HOL-2	Bohn, Charles	18
	AJ 10	Online 				ONLINE	Bohn, Charles	

*Above class meets at the Hollister Briggs site.*

### AJ 16: Introduction to Evidence

Transferable: CSU

This course covers the origin, development, philosophy and basis of evidence; constitutional and procedural considerations affecting arrest, search and seizure; types of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. In addition to the Federal Rules of Evidence, the course also includes the California law regarding the rules of evidence. (C-ID: AJ 124) ADVISORY: AJ 10. Optional field trips will be offered to assist with the study of basic legal research.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11147	AJ 16	Lec	3.0	06:00 pm - 07:30 pm	R	BU-120	Lav orato, Sam	10
	AJ 16	Online 				ONLINE	Lav orato, Sam	

### AJ 107A: Adult Corrections Officer Core Academy

Transferable: CSU

This 189-333 hour variable course is designed to meet the California Board of State and Community Corrections (BSCC) requirements for entry-level training of Correctional Officers for local adult correctional institutions. The course includes lecture and practical application skills and knowledge including roles and responsibilities of the adult corrections officer, Title 15, Title 24, professionalism and ethics, and proper techniques to maintain the safety and security of inmates. PREREQUISITE: 1. Successful completion of STC approved pre-entry written and physical assessment examinations provided by the Academy. 2. Students must complete a Department of Justice background investigation and meet requirements as set forth in Government Code 1029 for qualification as a Corrections Officer. 3. Medical clearance by a licensed physician.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11990	AJ 107A	Lec	8.5		8/14/2023 - 10/16/2023	OFFSTE-HHJTC1	Fontes, Clay	FULL
	AJ 107A	Lab			8/14/2023 - 10/16/2023	OFFSTE-HHJTC1	Fontes, Clay	

### AJ 184: Computer Forensics

Transferable: CSU

Introduction to computer crime investigation processes. The student is introduced to the hardware, software, networks and devices found in typical home and business settings. Techniques and equipment used to collect evidence, ensure integrity, locate and prepare data for forensic investigation. Covers chain of custody requirements for admissible evidence, data formats for a variety of modern equipment, and recovery of deleted or encrypted information. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 184.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12088	AJ 184	Lec	3.0	03:45 pm - 06:55 pm	W	OFFSTE-	Ramos, Mario	14
Room 100: North Monterey County High School, High Step Course, designed for grades 9th - 12th, but it is open to all students.								

### AJ 229A: PC 832 - Arrest

This 40-48 hour course curriculum is defined by the State of California Peace Officers Standards in Training (P.O.S.T.) satisfies Penal Code 832 arrest powers requirements but does not include the firearms portion. This course is tailored for Correctional Deputies; and covers professional orientation, laws of arrest, search, seizure, evidence, preliminary investigations, communications and arrest techniques. Testable conditions are defined by P.O.S.T. and require passing scores for all measured elements as a condition for passing the course.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12280	AJ 229A	Lab	1.0		10/17/2023 - 10/24/2023	OFFSTE-HHJTC1	Fontes, Clay	FULL

### AJ 231A: PC 832 - Firearms

This course covers the legal requirements for carrying and using firearms. Participants

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12003	AJ 231A	Lab	0.5		10/30/2023 - 11/2/2023	OFFSTE-HHJTC1	Fontes, Clay	FULL

## ALLIED HEALTH (NURSING)

 Online Classes - To start your course, go to: <https://ilearn.gavilan.edu>. You must login by 11:59 p.m. the 1st day of the course and late adds must login within 24 hours of adding or you may be dropped. For help, email your instructor.

### AH 3: The Person in the Life Cycle

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E, F

Interaction of social, emotional, intellectual, and physical attributes related to the growth and development of people across the life span. Content covers from cradle to the grave (birth until death). (C-ID: PSY 180).

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10032	AH 3	Lec	3.0	03:30 pm - 06:40 pm	T	CDC-105	Reid, Diana	4

### AH 23: Independent Study

Transferable: CSU

Designed to afford selected students specialized opportunities for exploring areas at the independent study level. The courses may involve extensive library work, research in the community, or special projects. May be repeated until six units of credit are accrued. This course has the option of a letter grade or pass/no pass. REQUIRED: The study outline prepared by the student and the instructor must be filed with the department and the dean.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10146	AH 23	Ind	1.0			ONLINE	Turner, Susan	FULL

### AH 55: Interactive and Mental Health Nursing

Transferable: CSU

The dynamics of leadership and management in nursing, including concepts of basic mental health. Progresses from basic mental health knowledge and skills to the refinements involved in psychiatric nursing practice as it relates to all age groups. Incorporates nursing concepts and nursing experiences relative to human sexuality, child abuse and cultural and ethnic diversity. \$100 course material fee, payable at registration. PREREQUISITE: Admission to advanced standing / RN program and California IV Certification and successful completion of AH 51, 52, 53 and 54 or equivalent.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10130	AH 55	Lec	10.0	10:00 am - 01:05 pm	WR	HOB-114	Pickrel, Lisa	3
Lab hours may depend upon clinical site availability. \$150 course material fee, payable at registration. ATI program fee paid directly to ATI \$350.								
	AH 55	Lec	10.0	10:00 am - 01:05 pm	WR	HOB-114	Wilkes, Jennifer	3
Lab hours may depend upon clinical site availability. \$150 course material fee, payable at registration. ATI program fee paid directly to ATI \$350.								
	AH 55	Lec	10.0	10:00 am - 01:05 pm	WR	HOB-114	Robledo, Jenny	3
Lab hours may depend upon clinical site availability. \$150 course material fee, payable at registration. ATI program fee paid directly to ATI \$350.								
	AH 55	Lab		06:30 am - 02:20 pm	MT	OFFSTE-	Robledo, Jenny	
11407	AH 55	Lab	10.0	06:30 am - 02:20 pm	MT	OFFSTE-	Lopez, Andrea	6
Lab hours may depend upon clinical site availability. \$150 course material fee, payable at registration. ATI program fee paid directly to ATI \$350.								
	AH 55	Lab	10.0	06:30 am - 02:20 pm	MT	OFFSTE-	Robledo, Jenny	6
Lab hours may depend upon clinical site availability. \$150 course material fee, payable at registration. ATI program fee paid directly to ATI \$350.								
	AH 55	Lec		10:00 am - 01:05 pm	WR	HOB-114	Pickrel, Lisa	
	AH 55	Lec		10:00 am - 01:05 pm	WR	HOB-114	Robledo, Jenny	
	AH 55	Lec		10:00 am - 01:05 pm	WR	HOB-114	Wilkes, Jennifer	

### AH 72: Licensed Vocational Nursing - 2

Transferable: CSU, UC

2nd semester of the three semester LVN program. Curriculum includes medical surgical nursing. Prerequisite: Acceptance to the Gavilan LVN program, separate application required. AH 71 Licensed Vocational Nursing 1.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12153	AH 72	Lec	12.5	07:30 am - 10:50 am	MT	HOB-114	Diego, Mary Helen	FULL
* clinical hours are subject to change, depending on facility availability								
	AH 72	Lec	12.5	07:30 am - 10:50 am	MT	HOB-114	Pereyra-Gutierrez, Maria	FULL
* clinical hours are subject to change, depending on facility availability								
	AH 72	Lab		06:30 am - 04:50 pm	WR	OFFSTE-	Pereyra-Gutierrez, Maria	
12220	AH 72	Lec	12.5	07:30 am - 10:50 am	MT	HOB-114	Pereyra-Gutierrez, Maria	FULL
	AH 72	Lab		01:10 pm - 11:30 pm	WR	OFFSTE-	Mendoza Valencia, Gerardo	
	AH 72	Lab		01:10 pm - 11:30 pm	WR	OFFSTE-	Auburt, Maria Inez	
12221	AH 72	Lec	12.5	07:30 am - 10:50 am	MT	HOB-114	Pereyra-Gutierrez, Maria	2
	AH 72	Lab		01:10 pm - 11:30 pm	WR	OFFSTE-	Diego, Mary Helen	
	AH 72	Lab		01:10 pm - 11:30 pm	WR	OFFSTE-	Lopez, Andrea	

## AH 280: Fundamentals of Nursing--Convalescent

A course to provide a basic introduction to patient care in the convalescent setting. Emphasizes principles, understanding and skills necessary to perform basic nursing procedures safely and effectively. Includes introduction to health care, planning, safety, infection control, personal care, basic procedures, rehabilitation, nutrition and clients' rights and needs. At the completion of this course students will qualify for state certification as a nursing assistant. PREREQUISITE: Clearance from the Department of Health Services (Form 283B), fingerprint card, health clearance, TB clearance, negative drug test and immunizations required prior to clinical placement. Uniform, shoes, watch, and stethoscope required. Clinical at designated nursing facility assigned depending on facility contract approval.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11700	AH 280	Lec	8.5	09:00 am - 03:05 pm	T 8/14/2023 - 12/16/2023	CDC-105	Reid, Diana	9
	AH 280	Lab		06:30 am - 02:35 pm	W 8/14/2023 - 12/16/2023	CDC-105	Sangha, Gurpreet	
	AH 280	Lab		06:30 am - 02:35 pm	W 8/14/2023 - 12/16/2023	CDC-105	Reid, Diana	
11701	AH 280	Lec	8.5	09:00 am - 03:05 pm	T 8/14/2023 - 12/16/2023	CDC-105	Reid, Diana	6
	AH 280	Lab		06:30 am - 02:35 pm	R 8/14/2023 - 12/16/2023	CDC-105	Reid, Diana	

## ANTHROPOLOGY

### ANTH 1: Introduction to Physical Anthropology

Transferable: CSU, UC; CSU-GE:B2, IGETC:5B, GAV-GE:B2, F

This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and their application to the human species. Issues and topics will include but are not limited to, genetics, evolutionary theory, human variation, and biocultural adaptations, comparative primate anatomy and behavior, and the fossil evidence for human evolution. The scientific method serves as the foundation of the course. (C-ID: ANTH 110)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10100	ANTH 1	Lec	3.0	09:45 am - 11:10 am	TR	SS-205	Michaels, Gina	5
11583	ANTH 1	Lec	3.0	09:45 am - 11:10 am	MW	HOL-1	Mitchell, Rachel	19
Above class meets at the Hollister Briggs site.								

### ANTH 1L: Physical Anthropology Lab

Transferable: CSU, UC; CSU-GE:B3, IGETC:5C, GAV-GE:B3

This laboratory course is offered as a supplement to Introduction to Physical Anthropology either taken concurrently or in a subsequent term. Laboratory exercises are designed to introduce students to the scientific method and hands-on exploration of topics in physical anthropology: genetics; human osteology; comparative and functional skeletal anatomy; primate behavior; human fossil record; modern human variation; and other resources to investigate processes related to human evolution. PREREQUISITE or COREQUISITE: ANTH 1, Introduction to Physical Anthropology, may be taken concurrently.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10169	ANTH 1L	Lab	1.0	11:20 am - 12:45 pm	MW	HOL-1	Mitchell, Rachel	19
<i>Above class meets at the Hollister Briggs site.</i>								

## ART

### ART 2A: Two-Dimensional Design

Transferable: CSU, UC; CSU-GE:C1, GAV-GE:C1




An introduction to the basic elements and principles of two-dimensional design. Lettering and graphics applications of design are included. Traditional and experimental materials and techniques are applied to a variety of individual projects and exercises. (C-ID: ARTS 100)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10327	ART 2A	Lec	3.0	11:20 am - 01:25 pm	W	AR-102	Canepa, Christine	6
	ART 2A	Online 				ONLINE	Canepa, Christine	

### ART 3A: Drawing and Composition

Transferable: CSU, UC; CSU-GE:C1, GAV-GE:C1

A course that can teach you how to draw. Students learn basic drawing skills through the exploration of a variety of drawing materials such as pencil, inks, charcoal and pastels; processes include doodling, gesture and schematic drawing.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10335	ART 3A	Lec	3.0	09:00 am - 11:05 am	M	AR-102	Rosette, Arturo	7
	ART 3A	Online 				ONLINE	Rosette, Arturo	
10338	ART 3A	Lec	3.0	11:20 am - 01:25 pm	M	AR-102	Rosette, Arturo	3
	ART 3A	Online 				ONLINE	Rosette, Arturo	
11825	ART 3A	Lec	3.0	02:30 pm - 04:35 pm	M	AR-102	Campanella, Kelly	3
	ART 3A	Online 				ONLINE	Campanella, Kelly	

### ART 6: Art Appreciation

Transferable: CSU, UC; CSU-GE:C1, IGETC:3A, GAV-GE:C1, F

An illustrated lecture course that surveys and introduces the visual arts from historical to contemporary times, and teaches students the basic concepts of seeing and appreciating art. (C-ID: ARTH 100) ADVISORY: English 250 and English 260.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10347	ART 6	Lec	3.0	09:45 am - 11:05 am	T	AR-103	Angel, Wendy	17
	ART 6	Online 				ONLINE	Angel, Wendy	

### ART 7A: Beginning Ceramics

Transferable: CSU, UC; GAV-GE:F

This course is intended for students who have little or no experience in the field of ceramics. The curriculum introduces basic skills in a well-rounded approach. Forming techniques include pinch, coil and slab hand building along with beginning wheel work. Slips, underglazes, stains, and glazing will be introduced as surface treatments. Safe studio protocols will be taught and followed. Use of the internet and library resources are required. Portfolio development and personal assessment are introduced.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11826	ART 7A	Lec	3.0	11:20 am - 12:10 pm	TR	AR-101	Rain, Max	FULL
	ART 7A	Lab		12:15 pm - 02:20 pm	TR	AR-101	Rain, Max	

11963	ART 7A	Lec	3.0	06:00 pm - 06:50 pm	TR	AR-101	Alvarez Marquez, Abiam	7
	ART 7A	Lab		07:00 pm - 09:05 pm	TR	AR-101	Alvarez Marquez, Abiam	

### ART 7B: Intermediate Ceramics

Transferable: CSU, UC; GAV-GE:F

This course is intended for students who have completed ART 7A, Beginning Ceramics. The curriculum presents more advanced skills and broader application of knowledge initiated in 7A. New skills and activities required in 7B include slip mixing and testing, more advanced wheel and sculptural work, facility with various surface treatment techniques, alternative firing, and loading and unloading kilns with minimal supervision. Students will be required to display work at a venue on Gavilan's campus. Additionally, students will be required to choose a studio maintenance task and perform it throughout the entire semester. Use of internet, classroom, and ceramics office library resources are required. Portfolio development and self-assessment will be included. PREREQUISITE: ART 7A, Beginning Ceramics.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11827	ART 7B	Lec	3.0	11:20 am - 12:10 pm	TR	AR-101	Rain, Max	FULL
	ART 7B	Lab		12:15 pm - 02:20 pm	TR	AR-101	Rain, Max	
11964	ART 7B	Lec	3.0	06:00 pm - 06:50 pm	TR	AR-101	Alvarez Marquez, Abiam	7
	ART 7B	Lab		07:00 pm - 09:05 pm	TR	AR-101	Alvarez Marquez, Abiam	

### ART 7C: Advanced Ceramics

Transferable: CSU, UC; GAV-GE:C1, F



This course is a continuation of the ceramics offerings, 7A and 7B. The curriculum demands a high level of skills and artistic thinking to develop a contemporary, personal statement in the ceramic medium. Students will draw from a wide variety of choices for firing and finishing their works, including raku and maiolica. They will utilize mixed media and advanced technology to develop their works. They will formulate, mix and test glazes and will be expected to tutor and mentor each other in studio maintenance tasks and practices. They will also exhibit their work on campus, develop an artistic statement and bio, and submit work for display on the Gavilan College website. Digital portfolios will be created, and in depth critiques will be utilized for self-evaluation. Use of the internet, classroom, and ceramics office library resources are required. PREREQUISITE: ART 7B, Intermediate Ceramics.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11828	ART 7C	Lec	3.0	11:20 am - 12:10 pm	TR	AR-101	Rain, Max	FULL
	ART 7C	Lab		12:15 pm - 02:20 pm	TR	AR-101	Rain, Max	
11829	ART 7C	Lec	3.0	06:00 pm - 06:50 pm	TR	AR-101	Alvarez Marquez, Abiam	7
	ART 7C	Lab		07:00 pm - 09:05 pm	TR	AR-101	Alvarez Marquez, Abiam	

### ART 8A: Introduction to Photography

Transferable: CSU, UC; CSU-GE:C1, GAV-GE:C1

Introduction to the processes, principles, and tools of photography. Topics include the development of technical and aesthetic skills, elements of design and composition, camera technology, materials and equipment, and contemporary trends in photography.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10362	ART 8A	Lec	3.0	09:00 am - 11:05 am	W	AR-103	Moore, James	4
	ART 8A	Online 				ONLINE	Moore, James	
10364	ART 8A	Lec	3.0	11:20 am - 01:25 pm	W	AR-103	Moore, James	8
	ART 8A	Online 				ONLINE	Moore, James	

### ART 15A: Beginning Painting: Form and Composition

Transferable: CSU, UC; GAV-GE:C1

This is an introductory painting course. Students will study traditional, contemporary and experimental painting techniques using acrylics and/or oils as the primary media. Emphasis will be placed on foundational concepts and approaches including color, form and composition. This course has the option of a letter grade or pass/no pass. (C-ID: ARTS 210) ADVISORY: Art 2A or 3A, or portfolio review of student's work.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10300	ART 15A	Lec	3.0	02:30 pm - 04:35 pm	W	AR-102	Canepa, Christine	5
	ART 15A	Online 				ONLINE	Canepa, Christine	

### ART 15B: Beginning Painting: Imagination and Expression

Transferable: CSU, UC; GAV-GE:C1


This is an introductory painting course. Students will study traditional, contemporary and experimental painting techniques and media. Social, cultural and historical awareness are integrated with classroom explorations of expressive painting. Students develop a variety of painting approaches and a greater understanding of personal expression. This course has the option of a letter grade or pass/no pass. ADVISORY: Art 2A or Art 3A or Portfolio Review

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10303	ART 15B	Lec	3.0	02:30 pm - 04:35 pm	W	AR-102	Canepa, Christine	5
	ART 15B	Online 				ONLINE	Canepa, Christine	

### ART 25A: Art Methods

Transferable: CSU; CSU-GE:C1, GAV-GE:C1

Explore art-making methods for preschool, elementary and secondary school students. Learn how to use California State visual art standards and learning theories in the classroom. Art projects include drawing, printmaking, collage, painting and various three-dimensional materials. Class reading and writing assignments introduce child development and learning theories and art concepts. Also listed as CD 25A. ADVISORY: ART 25A and ART 25B can be taken in any order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10313	ART 25A	Lec	3.0	06:00 pm - 08:05 pm	M	AR-102	Campanella, Kelly	7
This course is cross listed with CD 25A								
	ART 25A	Online 				ONLINE	Campanella, Kelly	

### ART 25B: Art Methods

Transferable: CSU; GAV-GE:C1

Explore art-making methods for preschool, elementary and secondary school students. Learn how to use California State visual arts standards and learning theories in the classroom. Art projects include working with three-dimensional materials including clay, cardboard, wood, wire, paper mache and other various three-dimensional materials. Class readings and writing assignments introduce child development and learning theories and art concepts. Also listed as CD 25B. ADVISORY: ART 25A and ART 25B can be taken in any order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12093	ART 25B	Lec	3.0	06:00 pm - 08:05 pm	M	AR-102	Campanella, Kelly	7
	ART 25B	Online 				ONLINE	Campanella, Kelly	

## ATHLETICS

### ATH 11A: Fundamentals of Baseball

Transferable: CSU, UC

Theory, strategy, technique, practice and conditioning of baseball to prepare the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11841	ATH 11A	Lec	2.0	02:30 pm - 03:20 pm	M	ATHFLD-	Sanchez, Robert	5
This course is designed for student-athletes on the Men's Intercollegiate Baseball team.								
	ATH 11A	Lab		02:30 pm - 03:55 pm	TR	ATHFLD-	Sanchez, Robert	

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**ATH 11B: Fundamentals of Baseball**

Transferable: CSU, UC

This course offers review and advanced instruction in the theory, strategies, and techniques of baseball for the purpose of preparing the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: PE 11A or KIN 11A or ATH 11A.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11843	ATH 11B	Lec	2.0	02:30 pm - 03:20 pm	M	ATHFLD-	Fairfield, Thomas	2
This course is designed for student-athletes on the Men's Intercollegiate Baseball team.								
	ATH 11B	Lab		02:30 pm - 03:55 pm	TR	ATHFLD-BASEBALL	Fairfield, Thomas	

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**ATH 12A: Fundamentals of Football**

Transferable: CSU, UC

Basic organization and administration of a football program involving equipment, practice schedules, personnel, conditioning, scouting, weight training, and football specific drills. May be repeated once for credit. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10878	ATH 12A	Lec	2.0	04:00 pm - 04:50 pm	M	APE-101	Lango, John	9
This course is designed for student-athletes on the Intercollegiate Football team.								
	ATH 12A	Lab		04:00 pm - 04:50 pm	TWR	APE-101	Lango, John	

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**ATH 12B: Fundamentals of Football**

Transferable: CSU, UC

The administration and organization of a football program involving practice schedules, personnel, equipment, scouting, conditioning, weight training, and football drills. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: PE 12A or KIN 12A or ATH 12A.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10883	ATH 12B	Lec	2.0	04:00 pm - 04:50 pm	M	APE-120	Lango, Michael	32
This course is designed for student-athletes on the Intercollegiate Football team.								
	ATH 12B	Lab		04:00 pm - 04:50 pm	TWR	APE-120	Lango, Michael	

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**ATH 14A: Fundamentals of Basketball**

Transferable: CSU, UC

Basic theory, strategy, technique, practice, and conditioning involved in basketball to prepare the individual student in all aspects of playing and coaching the sport. May be repeated once for credit. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10905	ATH 14A	Lec	2.0	05:00 pm - 05:50 pm	M	APE-101	Any iam, Chinedu	14
This course is designed for student-athletes on the Men's Intercollegiate Basketball team.								
	ATH 14A	Lab		05:00 pm - 05:50 pm	TWR	APE-101	Any iam, Chinedu	
11844	ATH 14A	Lec	2.0	03:00 pm - 03:50 pm	M	APE-101	Fortenberry, Carlton	24
This course is designed for student-athletes on the Women's Intercollegiate Basketball team.								
	ATH 14A	Lab		03:00 pm - 03:50 pm	TWR	APE-101	Fortenberry, Carlton	



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### ATH 14B: Fundamentals of Basketball

Transferable: CSU, UC

More in-depth and advanced instruction in the theory, strategy, practice and conditioning in basketball to better prepare the individual student in all aspects of playing and coaching the sport. Designed for the student who has already completed ATH 14A. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. ADVISORY: PE 14B or KIN 14B or ATH 14B.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10939	ATH 14B	Lec	2.0	05:00 pm - 05:50 pm	M	APE-101	Anyiam, Chinedu	14
This course is designed for student-athletes on the Men's Intercollegiate Basketball team.								
	ATH 14B	Lab		05:00 pm - 05:50 pm	TWR	APE-101	Anyiam, Chinedu	
11845	ATH 14B	Lec	2.0	03:00 pm - 03:50 pm	M	APE-101	Fortenberry, Carlton	24
This course is designed for student-athletes on the Women's Intercollegiate Basketball team.								
	ATH 14B	Lab		03:00 pm - 03:50 pm	TWR	APE-101	Fortenberry, Carlton	

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### ATH 23: Independent Study

Transferable: CSU

Designed to afford selected students specialized opportunities for exploring areas at the independent study level. The courses may involve extensive library work, research in the community, or special projects. May be repeated until 6 units are accrued. This course has the option of a letter grade or pass/no pass. REQUIRED: The study outline prepared by the student and the instructor must be filed with the department and the dean.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11920	ATH 23	Ind	1.0			GY-GYM	Fortenberry, Carlton	FULL
11921	ATH 23	Ind	1.0			GY-GYM	Adams, Jamie	FULL

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### ATH 35: Intercollegiate Basketball

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

This course provides practice and competition in intercollegiate basketball. Before participating, students must have completed a physical exam and their athletic eligibility paperwork. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11591	ATH 35	Lab	3.0	06:20 pm - 08:25 pm	MTWRF	GY-GYM	Anyiam, Chinedu	4
This course is designed for student-athletes on the Men's Intercollegiate Basketball team.								
11846	ATH 35	Lab	3.0	04:00 pm - 06:15 pm	MTWRF	GY-GYM	Fortenberry, Carlton	9
Should read: This course is designed for student-athletes on the Women's Intercollegiate Basketball team.								

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### ATH 42: Intercollegiate Football

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

This course provides practice and competition in intercollegiate football. Before participating, students must have completed a physical exam and their athletic eligibility paperwork. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11588	ATH 42	Lab	3.0	05:00 pm - 07:05 pm	MTWRF	ATHFLD-FTBLL	Lango, John	25
12183	ATH 42	Lab	2.5	05:00 pm - 07:05 pm	MTWRF	ATHFLD-FTBLL	Lango, Michael	24

### ATH 46: Intercollegiate Volleyball

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

This course provides practice and competition in intercollegiate volleyball for women. Before participating, students must have completed a physical exam and their athletic eligibility paperwork. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11592	ATH 46	Lab	3.0	02:00 pm - 04:05 pm	MTWRF	GY-GYM	Slayday, Erica	5

### ATH 47: Intercollegiate Soccer

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

This course provides practice and competition in intercollegiate soccer. Before participating, students must have completed a physical exam and their athletic eligibility paperwork. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12116	ATH 47	Lab	3.0	03:30 pm - 05:35 pm	MTWRF	ATHFLD-SOCCER	Salgado, Josue	6

This course is designed for student-athletes on the Men's Intercollegiate Soccer team.

12117	ATH 47	Lab	3.0	04:30 pm - 06:35 pm	MTWRF	ATHFLD-SOCCER	Alejo, Javier	13
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This course is designed for student-athletes on the Women's Intercollegiate Soccer team.

### ATH 75: Sports Conditioning

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

This activity class is designed to improve the physical condition of our male and female student-athletes. It includes strength training, cardiovascular endurance, plyometric training, and sport specific techniques through an open lab format. May be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10998	ATH 75	Lab	1.0	03:00 pm - 03:50 pm	MTR	GY-FITCNTR	Lango, John	15

This section is designed for members of the Intercollegiate Football team.

11000	ATH 75	Lab	1.0	04:10 pm - 05:15 pm	MTR 8/28/2023 - 11/30/2023	GY-FITCNTR	Slayday, Erica	4
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This section is designed for members of the Women's Intercollegiate Volleyball team.

11303	ATH 75	Lab	0.5	04:00 pm - 04:50 pm	TR 8/28/2023 - 11/30/2023	GY-FITCNTR	Anyiam, Chinedu	9
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This section is designed for members of the Men's Intercollegiate Basketball team.

11847	ATH 75	Lab	0.5	06:20 pm - 07:10 pm	TR 8/28/2023 - 11/30/2023	GY-FITCNTR	Fortenberry, Carlton	10
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Strength & Conditioning for Women's intercollegiate basketball.

11956	ATH 75	Lab	1.0	04:00 pm - 04:50 pm	MTR	ATHFLD-BASEBALL	Sanchez, Robert	4
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Strength and conditioning course for baseball.

12001	ATH 75	Lab	1.0	05:40 pm - 06:30 pm	MWR	ATHFLD-SOCCER	Salgado, Josue	6
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This section is designed for members of the Men's Intercollegiate Soccer team.

12118	ATH 75	Lab	1.0	03:30 pm - 04:20 pm	MWR	ATHFLD-SOCCER	Alejo, Javier	15
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This section is designed for members of the Women's Intercollegiate Soccer team.

## AVIATION MAINTENANCE TECH

### AMT 100: General Aircraft Technology

Transferable: CSU

This course is an FAA Part 147 course designed to prepare the student for their FAA Airframe and Powerplant (A and P) certificate. The course will provide the student with a thorough understanding of the use of basic hand tools and measuring devices; basic physics and math; aircraft materials, processes and hardware, procedures for clean and corrosion control; weight and balance techniques; and human factors. Both theory and practical application to aircraft systems are taught. Approval from a Gavilan College counselor must be obtained before registering for this class. COREQUISITE: AMT 110, Airframe Maintenance Technology. ADVISORY: Mathematics 430.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10156	AMT 100	Lec	9.0	08:00 am - 10:20 am	MWF 8/9/2023 - 12/16/2023	AV-SM2	Spenner, Herbert	3
Class meets at the San Martin Airport campus.								
	AMT 100	Lab		08:00 am - 10:20 am	TR 8/9/2023 - 12/16/2023	AV-SM5	Spenner, Herbert	

### AMT 110: Airframe Maintenance Technology

Transferable: CSU

This course is an FAA Part 147 course designed to prepare the student for their FAA Airframe certificate. The course will provide the student with a thorough understanding of airframe structures; metal structural repair; aircraft welding; aircraft instruments; communications and navigation systems; fuel systems; and cabin environmental systems. Both theory and practical application to aircraft systems is taught. COREQUISITE: AMT 100, General Aircraft Technology. ADVISORY: Mathematics 430 or math skills equivalent to elementary algebra.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10954	AMT 110	Lec	13.5	10:25 am - 12:00 pm	MTWRF 8/9/2023 - 12/16/2023	AV-SM2	Spenner, Herbert	5
Class meets at the San Martin Airport campus. You MUST see a counselor to increase the units allowable to register for both AMT 100 and 110. Classes will meet face-to-face on campus during scheduled days and times. See instructor for more information.								
	AMT 110	Lab		12:30 pm - 03:00 pm	MTWRF 8/9/2023 - 12/16/2023	AV-SM5	Spenner, Herbert	

### AMT 120: Aviation Powerplant Technology

Transferable: CSU

This course is part of the curriculum required by the Federal Aviation Administration to obtain certification as an aircraft powerplant maintenance technician. This certificate allows the rated technician to perform maintenance, preventive maintenance repairs and alterations to USA FAA certificated aircraft powerplants. This Section covers the theory and practical application of operation, overhaul practices, inspection, installation, testing and troubleshooting techniques covering the subject areas of reciprocating and turbine engines, ignition, induction, supercharging, cooling and exhaust systems. PREREQUISITE: Successful completion of AMT 100 and AMT 101. Basic hand tools required. Details at the first class meeting.



CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10958	AMT 120	Lec	13.5	08:00 am - 10:05 am	TWRF 8/9/2023 - 12/16/2023	AV-SM3	Agalotis, Paul	10
This class meets at the San Martin Airport campus. Classes will meet face-to-face on campus during scheduled days and times. See instructor for more information.								
	AMT 120	Lab		10:15 am - 12:00 pm	TWRF 8/9/2023 - 12/16/2023	AV-SM5	Agalotis, Paul	
	AMT 120	Lab		12:30 pm - 01:50 pm	TWRF 8/9/2023 - 12/16/2023	AV-SM5	Agalotis, Paul	

## BIOLOGY

### BIO 1: Cell and Molecular Biology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3



This is the first course in a two-semester sequence intended for life science majors with a strong emphasis on biochemistry, cell biology, and genetics. Topics include: cellular chemistry; biological molecules; structure and function of prokaryotic and eukaryotic cells; cell transport; bioenergetics and enzymes; cell metabolism including respiration and photosynthesis; cellular communication; cell reproduction and its controls; Mendelian and non-Mendelian genetics; molecular genetics; DNA structure and function; gene expression; biotechnology; origin and evolution of life and molecular evolution; and scientific inquiry. (C-ID: BIO 190) PREREQUISITES: BIO 10, BIO 12, or ENV 1 with a grade of 'C' or better, or AP or Honors Biology with a grade of 'B' or better completed within the last five years; CHEM 1A with a grade of 'C' or better, and MATH 240 or Intermediate Algebra or equivalent with a grade of 'C' or better. High school-level reading and writing skills are strongly recommended.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10024	BIO 1	Online 	5.0			ONLINE	Yuh, Patrick	2
This mostly online course meets on campus for 3 scheduled lab hours per week. Students are required to attend at the listed days and times. For the remaining 3 lecture hours and 3 lab hours, you may participate on your own schedule. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin.								
	BIO 1	Lab		09:45 am - 12:50 pm	T	LS-102	Yuh, Patrick	
	BIO 1	Online 				ONLINE	Yuh, Patrick	

## BIO 2: Organismal Biology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3

This course is the second in a two-semester sequence exploring the basic biology and diversity of unicellular and multicellular organisms. Topics include general biological principles, ecology, classification, structure, function and evolutionary adaptations of organisms (including plants, fungi, animals, and unicellular organisms) to their environments. (C-ID: BIOL 140) PREREQUISITE: BIO 1 with a grade of 'C' or better, and MATH 240 or Intermediate Algebra or equivalent with a grade of 'C' or better. High school-level reading and writing skills are strongly recommended.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12121	BIO 2	Online 	5.0			ONLINE	Morales, Rey	16
This mostly online course meets on campus for 3 scheduled lab hours per week. Students are required to attend at the listed days and times. For the remaining 3 lecture hours and 3 lab hours, you may participate on your own schedule. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin.								
	BIO 2	Online 				ONLINE	Morales, Rey	
	BIO 2	Lab		09:45 am - 12:50 pm	F	LS-102	Morales, Rey	

## BIO 4: General Zoology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3






General Zoology is designed for students exploring a career and majoring in Biology. This course uses the animal model to introduce the principles of evolutionary biology. Zoology explores animal diversity and considers the selection pressures of nature that direct animal form and function. Topics include mechanisms of evolution, animal life cycles, embryological development, comparative morphology and physiology, taxonomy and systematics, molecular and morphological phylogeny, ecological principles, organismal behavior and its place in the natural world. (C-ID BIOL 150) PREREQUISITE: MATH 240 or equivalent with a grade of 'C' or better. ADVISORY: CHEM 1A, BIO 1. High school-level reading and writing skills are strongly recommended.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10056	BIO 4	Online 				ONLINE	Morales, Rey	7
This course is HYBRID. See the legend for more information.								
	BIO 4	Lab	4.0	09:40 am - 12:50 pm	W	LS-102	Morales, Rey	

## BIO 7: Human Anatomy

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3



Structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. Includes dissection in lab. A cadaver is observed in this course. PREREQUISITE: BIO 8 or BIO 9 or BIO 10 or BIO 12 or BIO 15 with a grade of credit or C or better. (C-ID: BIOL 110B) ADVISORY: High school-level reading and writing skills and math skills equivalent to Intermediate Algebra.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats		
10058	BIO 7	Online 	4.0	<p>This mostly online course meets on campus for 3 scheduled lab hours per week. Students are required to attend at the listed days and times. For the remaining 2 lecture hours and 3 lab hours, you may participate on your own schedule. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin.</p>		ONLINE	Morales, Rey	FULL		
	BIO 7	Lab				09:45 am - 12:50 pm	T	LS-103	Morales, Rey	
	BIO 7	Online 						ONLINE	Morales, Rey	
10059	BIO 7	Lec	4.0	08:30 am - 09:35 am	S	LS-103	Robinson, Taylor	10		
<p>This course is IN PERSON. See the legend for more information.</p>										
	BIO 7	Lec		08:30 am - 09:20 am	F	LS-103	Robinson, Taylor			
	BIO 7	Lab		09:45 am - 12:50 pm	FS	LS-103	Robinson, Taylor			
10672	BIO 7	Online 	4.0	<p>This mostly online course meets on campus for 3 scheduled lab hours per week. Students are required to attend at the listed days and times. For the remaining 2 lecture hours and 3 lab hours, you may participate on your own schedule. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin.</p>		ONLINE	Malley, Russell	FULL		
	BIO 7	Lab				06:00 pm - 09:05 pm	T	LS-103	Malley, Russell	
	BIO 7	Online 						ONLINE	Malley, Russell	
11776	BIO 7	Online 	4.0	<p>This mostly online course meets on campus for 3 scheduled lab hours per week. Students are required to attend at the listed days and times. For the remaining 2 lecture hours and 3 lab hours, you may participate on your own schedule. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin.</p>		ONLINE	Morales, Rey	FULL		
	BIO 7	Lab				09:45 am - 12:50 pm	R	LS-103	Morales, Rey	
	BIO 7	Online 						ONLINE	Morales, Rey	

## BIO 8: General Microbiology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3



An introduction to microbiology with an emphasis on bacteriology. Includes the study of morphology, physiology and classification of microorganisms, a survey of infectious disease, immunology and techniques for culture and control of microorganisms. This course is also listed as AH 8. PREREQUISITE: BIO 10 or 15 with a grade of credit or 'C' or better. ADVISORY: Chemistry 30A; high school-level reading and writing skills; skills equivalent to those of an Elementary Algebra course.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10061	BIO 8	Lab	5.0	09:45 am - 11:10 am	MW	LS-103	Ramamurthy, Sharmila	1
This course is HYBRID. See the legend for more information.								
	BIO 8	Online 				ONLINE	Ramamurthy, Sharmila	
10062	BIO 8	Online 	5.0			ONLINE	Ramamurthy, Sharmila	2
This course is HYBRID. See the legend for more information.								
	BIO 8	Lab		11:40 am - 01:05 pm	MW	LS-103	Ramamurthy, Sharmila	

## BIO 9: Human Physiology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3


Study of the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organism level: integumentary system, bone, skeletal, smooth and cardiac muscles, nervous system, sensory organs, cardiovascular system, lymphatic and immune systems, respiratory system, urinary system, endocrine system, and reproduction system. This course is also listed as Allied Health 9. (C-ID: BIOL 120B) PREREQUISITE: CHEM 30A, BIO 7 or 15 with a grade of credit or C or Better. ADVISORY: Chemistry 30B; high school-level reading and writing skills.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10066	BIO 9	Online 	5.0			ONLINE	Yuh, Patrick	FULL
This course is HYBRID. See the legend for more information.								
	BIO 9	Lab		06:00 pm - 09:10 pm	M	LS-102	Bundros, Michelle	
10067	BIO 9	Lab	5.0	02:30 pm - 05:40 pm	M	LS-102	Bundros, Michelle	FULL
This course is HYBRID. See the legend for more information.								
	BIO 9	Online 				ONLINE	Yuh, Patrick	
10068	BIO 9	Online 				ONLINE	Yuh, Patrick	FULL
This course is HYBRID. See the legend for more information.								
	BIO 9	Lab	5.0	06:00 pm - 09:10 pm	W	LS-102	Bundros, Michelle	

## BIO 10: Principles of Biology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3

An introductory biology course covering functions at the cellular and organismal levels. Includes study of the basic principles of metabolism, heredity, evolution and ecology. Primarily for non-biological science majors. ADVISORY: High school-level reading and writing skills, and MATH 430 or skills equivalent to those in an Elementary Algebra course.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10037	BIO 10	Online 	4.0			ONLINE	Williams, James	6
This course is HYBRID. See the legend for more information.								
	BIO 10	Lab		08:00 am - 11:10 am	T	LS-106	Williams, James	
10039	BIO 10	Online 	4.0			ONLINE	Williams, James	1
This course is HYBRID. See the legend for more information.								
	BIO 10	Lab		11:20 am - 02:30 pm	T	LS-106	Williams, James	

## BIO 13: Marine Biology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3

The course provides an overview of marine ecosystems, emphasizing the diversity of life inhabiting them. The physical, chemical, and ecological features of the marine environment are reviewed and the evolutionary adaptations that allowed marine organisms to survive are emphasized. Although the overall focus will include ecosystems found in both tropical, subtropical, temperate, and arctic regions, many of the practical examples will be drawn from the rich ecosystems of the central California coast, and labs will provide hands-on experience of the diversity of life found in this area. Practical exercises will include viewing of specimen in the laboratory, short documentaries followed by discussion, and field trips to coastal locations within the Monterey Bay to view and explore specific ecosystems such as kelp forests, the intertidal, and estuarine areas, as well as learn about local marine species such as birds and mammals. ADVISORY: High school-level reading and writing skills, and skills equivalent to those of an Elementary Algebra course.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10053	BIO 13	Online 	4.0			ONLINE	Nguyen, Nhuy	FULL
This course is HYBRID. See the legend for more information.								
	BIO 13	Lab		09:00 am - 12:10 pm	S	LS-102	Nguyen, Nhuy	

### BIO 15: Survey of Human Anatomy and Physiology

Transferable: CSU, UC; CSU-GE:B2, B3, IGETC:5B, 5C, GAV-GE:B2, B3

An introductory study of the structure and function of the human body. Includes study at the cellular and organ system levels, emphasizing integration of systems. Note that a cadaver will be observed in this course. This course is also listed as Allied Health 15. ADVISORY: Biology 10 or Biology 12 with a grade of 'C' or better. Eligible for English 280 and Mathematics 430 or skills equivalent to those in an Elementary Algebra course. Course will include the viewing of a cadaver.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10054	BIO 15	Online 				ONLINE	Bundros, Michelle	3
This course is HYBRID. See the legend for more information.								
	BIO 15	Lab	5.0	02:30 pm - 05:40 pm	R	LS-103	Bundros, Michelle	
10055	BIO 15	Online 				ONLINE	Bundros, Michelle	1
This course is HYBRID. See the legend for more information.								
	BIO 15	Lab	5.0	02:30 pm - 05:40 pm	W	LS-103	Bundros, Michelle	
12255	BIO 15	Lab	5.0	02:30 pm - 05:40 pm	T	LS-103	Bundros, Michelle	6
This course is HYBRID. See the legend for more information.								
	BIO 15	Online 				ONLINE	Bundros, Michelle	

## BUSINESS

### BUS 1: Fundamentals of Business

Transferable: CSU, UC; GAV-GE:D2, F

A survey in business providing a multidisciplinary examination of how culture, society, the economic system, the legal environment, international and political issues, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and abroad. Demonstrate how these influences impact the primary areas of business including: organizational structure and design, leadership, human resources management, organized labor practices; marketing; organized communication; technology; entrepreneurship; legal, accounting, financial practices; the stock and securities markets; and therefore affect a business's ability to achieve its organizational goals. This course has the option of a letter grade or pass/no pass. Previously listed as GBUS 1. (C-ID: BUS 110) ADVISORY: Eligible for English 250 and English 260.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11438	BUS 1	Lec	3.0	09:45 am - 11:20 am	T	BU-103	Chand, Vikash	FULL
	BUS 1	Online 				ONLINE	Chand, Vikash	

### BUS 14: Personal Finance

Transferable: CSU; CSU-GE:B4

This course is designed to equip students with specific knowledge and skills enabling them to make sound financial decisions over the course of their life, in order to build and maintain wealth. Students will develop quantitative reasoning and critical analysis abilities, and will apply them to topics including: budgeting, time value of money calculations, financial planning, retirement planning, tax planning and related calculations, investing, credit and credit cards, insurance, and estate planning. Students will take a hands-on approach to learning by using mathematical reasoning and formulae to solve problems and complete projects. Instructors will provide student-centered activity-based instruction, which emphasizes the conceptual understanding and skills of mathematics and quantitative reasoning to develop competence and confidence in problem solving abilities. This course is also listed as ECON 14. Prerequisite: Skills and knowledge equivalent to Algebra 1 or as determined by the math placement process.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10593	BUS 14	Lec	3.0	06:00 pm - 07:30 pm	W	BU-118	Bernabe Perez, Linda	3
	BUS 14	Online 				ONLINE	Bernabe Perez, Linda	

### BUS 80: Business Law

Transferable: CSU, UC

Introduction to the law applicable to business institutions and their operations; social forces and their effect upon the development of law; sources of law, agencies for enforcement, and court procedure and administration agencies. Substantive law, that law which includes rights and duties, will include contracts, agency employment relationships, torts and crimes. This course has the option of a letter grade or pass/no pass. Previously listed as GBUS 80. (C-ID: BUS 125) ADVISORY: Eligible for English 250 and English 260.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12215	BUS 80	Lec	3.0	11:00 am - 12:25 pm	TR	BU-120	Bohn, Charles	6

## BUSINESS OFFICE TECHNOLOGY

### BOT 180: Medical Terminology for the Office

Transferable: CSU

This course introduces fundamentals of medical word building used in the health profession (prefixes, word roots, suffixes and abbreviations) as well as review of body systems, with emphasis on analysis, definition, spelling and pronunciation. This course had the option of a letter grade or pass/no pass.




CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11961	BOT 180	Lec	3.0	06:00 pm - 09:10 pm	T	BU-110	Maroudas, Patricia	6

## CHEMISTRY

### CHEM 1A: General Chemistry

Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A, 5C, GAV-GE:B1, B3

This is the first semester of a year-long general chemistry course designed for science, engineering and pre-professional majors. Topics include properties of matter, atomic structure, the Periodic Table, stoichiometry, elements and compounds, bonding, molecular structure, chemical reactions, states of matter, as well as the properties of gases and solutions. (C-ID: CHEM 110) (C-ID: CHEM 120S: Chem 1A + Chem 1B) ADVISORY: High school-level reading and writing skills. PREREQUISITE: CHEM 30A with a grade of 'C' or better, or high school chemistry with a grade of 'B' or better completed within the last five years; and skills equivalent to those of an Intermediate Algebra course.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10070	CHEM 1A	Lab	5.0	09:40 am - 12:50 pm	T	PS-101	Moller, Rachel	FULL
	CHEM 1A	Online 				ONLINE	Moller, Rachel	
10071	CHEM 1A	Lab	5.0	09:40 am - 12:50 pm	R	PS-101	Moller, Rachel	FULL
	CHEM 1A	Online 				ONLINE	Moller, Rachel	
12229	CHEM 1A	Lab	5.0	09:40 am - 12:50 pm	W	PS-101	Moller, Rachel	5
	CHEM 1A	Online 				ONLINE	Moller, Rachel	

### CHEM 1B: General Chemistry

Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A, 5C, GAV-GE:B1, B3

This is the second semester of a year-long general chemistry course designed as a continuation of Chemistry 1A. Topics include solutions, thermodynamics, chemical kinetics, the equilibria of acids and bases, solubility systems, complex ions, electrochemistry, the chemistry of metals and nonmetals, as well as nuclear chemistry. (C-ID: CHEM 120S: Chem 1A + Chem 1B) PREREQUISITE: Chemistry 1A with a grade of C or better.



CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10072	CHEM 1B	Online 	5.0			ONLINE	Stone, Bradley	13
This course is HYBRID. See the legend for more information.								
	CHEM 1B	Lab		02:30 pm - 05:40 pm	W	PS-101	Stone, Bradley	

### CHEM 12A: Organic Chemistry

Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A, 5C, GAV-GE:B1, B3





This is the first semester of a year-long organic chemistry course designed for chemistry majors, pre-professional medical, biology, and science majors. Topics include nomenclature, stereochemistry, mechanisms, reactions and spectroscopic studies of organic compounds. Lecture and laboratory methods will focus on synthesis, isolation, purification, elucidation, and identification of organic structures, as well as instrumental methods and data interpretation. (C-ID: CHEM 150, CHEM 160S) PREREQUISITE: Chemistry 1B

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10069	CHEM 12A	Online 	5.0			ONLINE	Moller, Rachel	8
This course is HYBRID. See the legend for more information.								
	CHEM 12A	Lab		02:30 pm - 05:35 pm	TR	PS-101	Moller, Rachel	

### CHEM 30A: Elementary Chemistry

Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A, 5C, GAV-GE:B1, B3

This is a first semester college chemistry course designed for majors preparing to take Chemistry 1A, nursing and allied health students, as well as general education. The course will cover the principles of chemistry including properties of matter, energy, atomic theory, the Periodic Table, stoichiometry, elements and compounds, the properties of bonding, molecular structure, chemical reactions, states of matter, acidity, solutions and gases, as well as an introduction to organic chemistry. (C-ID: CHEM 101) PREREQUISITE: Mathematics 430 or skills equivalent to those in an Elementary Algebra course.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10073	CHEM 30A	Online 	4.0			ONLINE	Vahdat, Laleh	4
This course is HYBRID. See the legend for more information.								
	CHEM 30A	Lab		08:10 am - 11:20 am	F	PS-101	Cantin, Lucas	
10074	CHEM 30A	Lab	4.0	11:30 am - 02:40 pm	F	PS-101	Cantin, Lucas	10
This course is HYBRID. See the legend for more information.								
	CHEM 30A	Online 				ONLINE	Vahdat, Laleh	
10075	CHEM 30A	Online 	4.0			ONLINE	Vahdat, Laleh	11
This course is HYBRID. See the legend for more information.								
	CHEM 30A	Lab		02:50 pm - 06:00 pm	F	PS-101	Cantin, Lucas	
10076	CHEM 30A	Lab	4.0	06:30 pm - 09:40 pm	R	PS-101	Stone, Bradley	13
This course is HYBRID. See the legend for more information.								
	CHEM 30A	Online 				ONLINE	Vahdat, Laleh	

## CHILD DEVELOPMENT

### CD 2: Early Child Development

Transferable: CSU, UC; CSU-GE:D, IGETC:4I, GAV-GE:D2, E2

This course examines typical and atypical development within the psychosocial, cognitive, and physical domains from conception through the preschool years. Upon completion of this course, students will be able to evaluate theories and research of child development and effectively apply and communicate their understanding through observation and evaluation. This course is also listed as PSYC 2. This course has the option of a letter grade or pass/no pass. (C-ID: CDEV 100: CD 2 + CD 3) ADVISORY: Eligible for English 1A; transfer students consult with advisor.

 **Online Classes** - To start your course, go to: <https://ilearn.gavilan.edu>. You must login by 11:59 p.m. the 1st day of the course and late adds must login within 24 hours of adding or you may be dropped. For help, email your instructor.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12097	CD 2	Lec	3.0	09:45 am - 12:55 pm	F	HOL-4	Brown, Randy	13
<i>Above class meets at the Hollister Briggs site.</i>								

### CD 3: Child Growth and Development During the School Years

Transferable: CSU, UC; CSU-GE:D2, IGETC:4I, GAV-GE:D2, E

This course examines typical and atypical development within the psychosocial, cognitive, and physical domains from middle childhood through adolescence. Upon completion of this course, students will be able to evaluate theories and research of child development and effectively apply and communicate their understanding through observation and evaluation. This course has the option of a letter grade or pass/no pass. This course is also listed as PSYC 3. (C-ID: CDEV 100: CD 2 + CD 3).

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12100	CD 3	Lec	3.0	03:45 pm - 06:55 pm	W	OFFSTE-	Flores, Oscar	18
Room 4: North Monterey County High School, High Step Course, designed for grades 9th - 12th, but it is open to all students.								

### CD 4: Observing and Assessing Children

Transferable: CSU; CSU-GE:A1, A2, D2, GAV-GE:A1, A2, D2

Provides training in a variety of naturalistic and formal observation techniques, and discusses the use of standardized testing in children. Students learn to use formal observation tools, make a case study portfolio and give a parent conference. Observing children in classroom settings is required. This course has the option of a letter grade or pass/no pass. (C-ID: ECE 200)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11687	CD 4	Lec	3.0	06:00 pm - 09:10 pm	R	CDC-100	Boss, Claire	19

### CD 8C: Introduction to Elementary Education

Transferable: CSU


This course introduces students to the concepts and issues related to teaching diverse learners in today's contemporary schools, Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California's content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in public school elementary classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus- approved certificated classroom teacher.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12005	CD 8C	Lec	3.0	06:00 pm - 09:10 pm	M	CDC-100	Miller, Catherine	27

### CD 25A: Art Methods

Transferable: CSU; CSU-GE:C1, GAV-GE:C1


Explore art-making methods for preschool, elementary and secondary school students. Learn how to use California State visual art standards and learning theories in the classroom. Art projects include drawing, printmaking, collage, painting and various three-dimensional materials. Class reading and writing assignments introduce child development and learning theories and art concepts. Also listed as ART 25A. ADVISORY: CD 25A and CD 25B can be taken in any order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10750	CD 25A	Lec	3.0	06:00 pm - 08:05 pm	M	AR-102	Campanella, Kelly	7
This class is cross listed with ART 25A and ART 25B								
	CD 25A	Online 				ONLINE	Campanella, Kelly	

### CD 25B: Art Methods

Transferable: CSU; GAV-GE:C1

Explore art-making methods for preschool, elementary and secondary school students. Learn how to use California State visual arts standards and learning theories in the classroom. Art projects include working with three-dimensional materials including clay, cardboard, wood, wire, paper mache and other various three-dimensional materials. Class readings and writing assignments introduce child development and learning theories and art concepts. Also listed as ART 25B. ADVISORY: CD 25A and CD 25B can be taken in any order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10752	CD 25B	Lec	3.0	06:00 pm - 08:05 pm	M	AR-102	Campanella, Kelly	7
This class is cross listed with ART 25A, 25B and CD 25A								
	CD 25B	Online 				ONLINE	Campanella, Kelly	

### CD 30A: Practicum I - EC Field Experience/Reflective Practice Seminar

Transferable: CSU

In this course the student will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and develop professional behaviors working with children and families. Child centered, play oriented approaches to teaching, learning and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. (C-ID: ECE 210) ADVISORY: English 1A. PREREQUISITE: Completion of CD 1, CD 2 or CD/PSDYC 40, CD 5 or CD 7, and CD 32, with a grade of "C" or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11542	CD 30A	Lec	4.0	06:00 pm - 08:10 pm	W	CDC-100	Boss, Claire	FULL
Registration for this class is available only through the instructor. Please contact Claire Boss at cboss@gavilan.edu for placement before you can register.								
	CD 30A	Lab				OFFSTE-	Boss, Claire	

### CD 30B: Practicum II: Advanced Early Childhood/TK Field Experience

Transferable: CSU

Advance practicum, continuation of CD 30A. Designed for students at the end of their Early Childhood certificate program and/or Transitional Kindergarten certificate program. Student teachers will participate in 108 hours of supervised clinical practice. Designing, developing and implementing contemporary curriculum and instructional methods for early childhood education/transitional kindergarten programs. PREREQUISITE: Completion of Child Development CD 30A with a grade of "C" or higher.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12105	CD 30B	Lec	4.0	07:00 pm - 09:10 pm	W	CDC-100	Boss, Claire	FULL
Registration for this class is available only through the instructor. Please contact Claire Boss at cboss@gavilan.edu for placement before you can register.								
	CD 30B	Lab				OFFSTE-	Boss, Claire	

### CD 32: Introduction to Curriculum

Transferable: CSU

This foundational curriculum course presents an overview of knowledge and skills needed for designing curriculum and environments for infants and young children. Students examine the teacher's role in supporting development, fostering creativity, and modeling a joy of learning for children and parents. Students will design and implement a developmentally appropriate curriculum based on observation and assessments which emphasizes play in the learning centers for language, literacy, social, emotional, sensory, art, perceptual development, math, and science. Students complete an activity portfolio of observations, curriculum/environment plans as well as participate in skill demonstrations and observations. Previously listed as CD 21. (C-ID: ECE 130)





CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10685	CD 32	Lec	3.0	06:00 pm - 09:10 pm	T	CDC-100	Henrickson, Patricia	14

## COMMUNICATION STUDIES

### CMUN 1A: Introduction to Public Speaking

Transferable: CSU, UC; CSU-GE:A1, IGETC:1C, GAV-GE:A1

Basic principles of effective human communication and their function in contemporary public settings; emphasis is on the speeches to inform and persuade, with special consideration given to fundamental communication skills, including organization, reasoning, explanation, rhetoric and listening. (C-ID: COMM 110)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11017	CMUN 1A	Lec	3.0	11:20 am - 12:45 pm	R	CDC-110	Cowan, Donna	1
	CMUN 1A	Online 				ONLINE	Cowan, Donna	
11142	CMUN 1A	Lec	3.0	12:55 pm - 02:20 pm	R	CDC-110	Cowan, Donna	6
	CMUN 1A	Online 				ONLINE	Cowan, Donna	
11836	CMUN 1A	Lec	3.0	02:30 pm - 05:45 pm	W	CDC-110	Besson-Silvia, Denise	7
Fast Track Class meets the first six Wednesdays of the semester on 8/30, 9/6, 9/13, 9/20, 9/27, 10/4.					8/28/2023 - 10/2/2023			
	CMUN 1A	Online 			8/28/2023 - 10/2/2023	ONLINE	Besson-Silvia, Denise	
12108	CMUN 1A	Lec	3.0	09:45 am - 11:10 am	W	HOL-4	Andrade, Veronica	14
						Above class meets at the Hollister Briggs site.		
	CMUN 1A	Online 				ONLINE	Andrade, Veronica	

### CMUN 2: Oral Interpretation

Transferable: CSU, UC; CSU-GE:C1, GAV-GE:C1

An introduction to the analysis, preparation and dramatic presentation of literature, including classical and contemporary prose, poetry and drama. Students will prepare, analyze, interpret and present great works of theatre and literature for an audience. This course is also listed as THEA 4. (C-ID: COMM 170) ADVISORY: Eligible for English 1A.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11735	CMUN 2	Lec	3.0	02:20 pm - 04:10 pm	TR	TH-125	Haehl, John	16
This is an 8-week class.					10/23/2023 - 12/16/2023			

### CMUN 3: Argumentation and Debate

Transferable: CSU, UC; CSU-GE:A3

This course focuses on the principles of argumentation and debate and aims to develop both critical and ethical evaluation, development, and communication of ideas. This course examines the formulation of arguments, quality of supporting evidence and research, and development of strong reasoning skills. In addition, this course will develop effective communication skills as it applies to oral and written communication through conducting and performing analyses, critiques, speeches, and debates. Students are required to write a minimum of 5,000 words over the course of the semester. PREREQUISITE: ENGL 1A.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12107	CMUN 3	Lec	3.0	09:45 am - 11:10 am	TR	CDC-110	Andrade, Veronica	19

### CMUN 6: Introduction to Conflict Resolution

Transferable: CSU; CSU-GE:D, GAV-GE:D2

Introduction to Conflict Resolution introduces students to non-violent communication skills, conflict resolution, and mediation models. Integrating non-violent theory and practice, students will learn how to choose, practice and evaluate communication skills in a variety of settings and formulate appropriate conflict resolution strategies based on analysis of varying conflict situations with sensitivity to ethnicity, class, sexuality, and gender influences. This course has the option of a letter grade or pass/no pass. This course is also listed as PSYC 6 and POLS 6.




CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11913	CMUN 6	Lec	3.0	11:20 am - 12:45 pm	T	CDC-110	Andrade, Veronica	15
	CMUN 6	Online 				ONLINE	Andrade, Veronica	

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### CMUN 8: Interpersonal Communication

Transferable: CSU, UC; CSU-GE:A1, IGETC:1C, GAV-GE:A1, F

This course studies the communication process in an interpersonal (dyadic) setting. This class will explore the ways in which we can improve our communication with others. Verbal and nonverbal messages, self-concept, cultural differences, gender differences, perception, listening and conflict management will be explored. (C-ID: COMM 130)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10382	CMUN 8	Lec	3.0	09:45 am - 11:10 am	W	CDC-110	Besson-Silvia, Denise	3
	CMUN 8	Online 				ONLINE	Besson-Silvia, Denise	
10383	CMUN 8	Lec	3.0	12:55 pm - 02:20 pm	W	CDC-110	Besson-Silvia, Denise	7
	CMUN 8	Online 				ONLINE	Besson-Silvia, Denise	
10384	CMUN 8	Lec	3.0	11:20 am - 12:45 pm	W	CDC-110	Besson-Silvia, Denise	6
	CMUN 8	Online 				ONLINE	Besson-Silvia, Denise	

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## COMPUTER SCI & INFO SYSTEMS

### CSIS 1: Computer Literacy - MS Office

Transferable: CSU, UC; GAV-GE:E2

An introduction to computer concepts, including the history of computing. Provides an overview of networking, security, the web, computer hardware, operating systems, and application software. The role of the computer in modern life, both personal and professional, and applications of popular productivity software are examined. This course has the option of a letter grade or pass/no pass.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11966	CSIS 1	Lec	2.0	09:45 am - 11:05 am	MW	BU-111	Conrey, Janet	3
This is a late-start short-term class. 9/25/2023-12/08/2023					9/25/2023 - 12/8/2023			

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### CSIS 2: Computers in Business

Transferable: CSU; GAV-GE:E2

Introduction to business information management systems. Topics include database management systems, computer hardware and software, networking, ethics, data security, e-commerce; includes hands-on experience applying these concepts to solve practical business problems using word processing software, spreadsheets, database management systems, presentation graphics and Internet applications. Students cannot receive credit for both CSIS 2 and CSIS 2L. Please see a counselor about degree, certificate, and transfer requirements. This course has the option of a letter grade or pass/no pass. (C-ID: BUS 140) ADVISORY: Eligible for Mathematics 233, English 260 and English 250, and CSIS 122

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10768	CSIS 2	Online 				ONLINE	Solomon, Gabriel	9
This class has a HYBRID option: Lecture meets online Lab meets face to face Wednesday 11:20AM - 2:30PM.								
	CSIS 2	Lab		11:20 am - 02:30 pm	W	BU-111	Solomon, Gabriel	

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### CSIS 80: Digital Photography

Transferable: CSU, UC; GAV-GE:C1

The study of digital photography from digital camera to the computer-based printer or digital media. Artistic, theoretical, and technical aspects will be considered. Topics include information about types and purchasing of digital cameras; theory, mechanics, and art of digital imagery; digital darkroom; eccentricities of digital photo taking; stitching photos for virtual reality; and preparing digital images for print, World Wide Web and other digital media. This course has the option of a letter grade or pass/no pass. This course is also listed as DM 80. ADVISORY: CSIS 1 or CSIS 2/2L or ART 8A or equivalent computer experience.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11511	CSIS 80	Lec	3.0	06:00 pm - 08:05 pm	T	BU-120	Grzan, Ray mond	14
	CSIS 80	Online 				ONLINE	Grzan, Ray mond	

### CSIS 184: Computer Forensics

Transferable: CSU

Introduction to computer crime investigation processes. The student is introduced to the hardware, software, networks and devices found in typical home and business settings. Techniques and equipment used to collect evidence, ensure integrity, locate and prepare data for forensic investigation. Covers chain of custody requirements for admissible evidence, data formats for a variety of modern equipment, and recovery of deleted or encrypted information. This course has the option of a letter grade or pass/no pass. This course is also listed as AJ 184.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12087	CSIS 184	Lec	3.0	03:45 pm - 06:55 pm	W	OFFSTE-	Ramos, Mario	14
Room 100: North Monterey County High School, High Step Course, designed for grades 9th - 12th, but it is open to all students.								

## COOPERATIVE WORK EXPERIENCE

### CWE 190: Occupational Work Experience

Transferable: CSU

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. Student repetition is allowed per Title 5 Section 55253. Minimum 2.00 GPA. REQUIRED: Declared vocational major.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11212	CWE 190	Wrk Ex	1.0			ONLINE	Sweeney, Susan	8
Contact Susan Sweeney, <a href="mailto:ssweeney@gavilan.edu">ssweeney@gavilan.edu</a> for more information.					11/13/2023 - 12/16/2023			
11273	CWE 190	Wrk Ex	2.0			ONLINE	Sweeney, Susan	9
Contact Susan Sweeney, <a href="mailto:ssweeney@gavilan.edu">ssweeney@gavilan.edu</a> for more information.					11/6/2023 - 12/16/2023			
11274	CWE 190	Wrk Ex	3.0			ONLINE	Sweeney, Susan	9
Contact Susan Sweeney, <a href="mailto:sweeney@gavilan.edu">sweeney@gavilan.edu</a> for additional information.								
11275	CWE 190	Wrk Ex	4.0			ONLINE	Sweeney, Susan	7
Contact Susan Sweeney <a href="mailto:sweeney@gavilan.edu">sweeney@gavilan.edu</a> for additional information..								

### CWE 192: General Work Experience Education

Transferable: CSU

General work experience for students who have a job unrelated to their major. General work experience is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes and career awareness. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. Student repetition is allowed per Title 5 Section 55253. Minimum 2.0 GPA.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11070	CWE 192	Wrk Ex	1.0			ONLINE	Sweeney, Susan	7
Contact Susan Sweeney, <a href="mailto:ssweeney@gavilan.edu">ssweeney@gavilan.edu</a> for more information.					11/13/2023 - 12/16/2023			
11071	CWE 192	Wrk Ex	2.0			ONLINE	Sweeney, Susan	8
Contact Susan Sweeney, <a href="mailto:sweeney@gavilan.edu">sweeney@gavilan.edu</a> for more information.					10/30/2023 - 12/9/2023			
11072	CWE 192	Wrk Ex	3.0			ONLINE	Sweeney, Susan	10
Contact Susan Sweeney, <a href="mailto:ssweeney@gavilan.edu">ssweeney@gavilan.edu</a> for more information.								

## COSMETOLOGY

### COS 200: Beginning Cosmetology

Introduction to the profession of cosmetology. This course covers state board regulations, health and safety protocols, hairstyling, chemical procedures and skin beautification.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10543	COS 200	Lec	12.0	08:15 am - 09:25 am	TWRF	BU-103	Leibold, Haley	4
\$1129.77 + Tax Kit fees (approximately) payable at registration. \$100.00 in additional supplies over the course of the semester. For more information, please call 408-848-4884 or email <a href="mailto:dzamarron@gavilan.edu">dzamarron@gavilan.edu</a> .								
	COS 200	Lab		09:45 am - 12:05 pm	TWRF	COS-102	Leibold, Haley	
	COS 200	Lab		01:00 pm - 03:30 pm	TWRF	COS-102	Leibold, Haley	
	COS 200	Lec		08:15 am - 09:25 am	TWRF	BU-103	Juarez, Alicia	
	COS 200	Lab		09:45 am - 12:05 pm	TWRF	COS-102	Juarez, Alicia	
	COS 200	Lab		01:00 pm - 03:30 pm	TWRF	COS-102	Juarez, Alicia	
	COS 200	Lec		08:15 am - 09:25 am	TWRF	BU-103	Ramirez, Gilbert	

### COS 201: Intermediate Cosmetology

Extended studies and techniques in tinting, bleaching, permanent waving, soft perming, chemical straightening, pedicuring, waxing, and shaping and styling.  
 PREREQUISITE: Successful completion of Cosmetology 200 with a grade of 'C' or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10834	COS 201	Lec	12.0	08:15 am - 09:25 am	TWRF	COS-102	Ramirez, Gilbert	6
Approx. \$120.00 in additional supplies fees over the duration of the semester. Please contact Delva Zamarron at (408) 848-4884 or by email at <a href="mailto:dzamarron@gavilan.edu">dzamarron@gavilan.edu</a> for more information.								
	COS 201	Lec		08:15 am - 09:25 am	TWRF	COS-102	Boyd, Nicolette	
	COS 201	Lab		09:45 am - 12:05 pm	TWRF	COS-102	Boyd, Nicolette	
	COS 201	Lab		01:00 pm - 03:30 pm	TWRF	COS-102	Boyd, Nicolette	

### COS 202: Advanced Cosmetology

Advanced techniques in tinting, lightening, hair design and cosmetic chemistry. It also includes state board rules and regulations. PREREQUISITE: Completion of COS 200 and COS 201 with a grade of 'C' or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11975	COS 202	Lec	12.0	08:15 am - 09:25 am	TWRF	COS-102	Ramirez, Gilbert	1
Approx. \$250.00 in additional supplies over the duration of the semester. Please contact Delva Zamarron at (408) 848-4884 or email at dzamarron@gavilan.edu for more information.								
	COS 202	Lab		09:45 am - 12:05 pm	TWRF	COS-102	Ramirez, Gilbert	
	COS 202	Lab		01:00 pm - 03:30 pm	TWRF	COS-102	Ramirez, Gilbert	

## DIGITAL MEDIA

### DM 80: Digital Photography

Transferable: CSU, UC; GAV-GE:C1

The study of digital photography from digital camera to the computer-based printer or digital media. Artistic, theoretical, and technical aspects will be considered. Topics include information about types and purchasing of digital cameras; theory, mechanics, and art of digital imagery; digital darkroom; eccentricities of digital photo taking; stitching photos for virtual reality; and preparing digital images for print, World Wide Web and other digital media. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 80. ADVISORY: CSIS 1 or CSIS 2/2L or ART 8A or equivalent computer experience.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11510	DM 80	Lec	3.0	06:00 pm - 08:05 pm	T	BU-120	Grzan, Raymond	14
	DM 80	Online 				ONLINE	Grzan, Raymond	

## ECONOMICS

### ECON 1: Principles of Macroeconomics

Transferable: CSU; CSU-GE:D, IGETC:4B, GAV-GE:D2

Introduction to the principles of macroeconomic analysis, economic institutions, and economic policy; supply and demand, determinants and distribution of output, income, and welfare through the market system; international trade and globalization. Measurement, determinants of, and policies relating to long-run economic growth, business cycle fluctuations, unemployment, and inflation. This course has the option of a letter grade or pass/no pass. (C-ID: ECON 202) PREREQUISITE: MATH 430 or MATH 205

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12038	ECON 1	Lec	3.0	02:00 pm - 03:25 pm	T	BU-118	Kearns, Julian	3
	ECON 1	Online 				ONLINE	Kearns, Julian	


### ECON 14: Personal Finance

Transferable: CSU; CSU-GE:B4

This course is designed to equip students with specific knowledge and skills enabling them to make sound financial decisions over the course of their life, in order to build and maintain wealth. Students will develop quantitative reasoning and critical analysis abilities, and will apply them to topics including: budgeting, time value of money calculations, financial planning, retirement planning, tax planning and related calculations, investing, credit and credit cards, insurance, and estate planning. Students will take a hands-on approach to learning by using mathematical reasoning and formulae to solve problems and complete projects. Instructors will provide student-centered activity-based instruction, which emphasizes the conceptual understanding and skills of mathematics and quantitative reasoning to develop competence and confidence in problem solving abilities. This course is also listed as BUS 14. Prerequisite: Skills and knowledge equivalent to Algebra 1 or as determined by the math placement process

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10594	ECON 14	Lec	3.0	06:00 pm - 07:30 pm	W	BU-118	Bernabe Perez, Linda	3
	ECON 14	Online 				ONLINE	Bernabe Perez, Linda	

## ENGINEERING


 **Online Classes** - To start your course, go to: <https://ilearn.gavilan.edu>. You must login by 11:59 p.m. the 1st day of the course and late adds must login within 24 hours of adding or you may be dropped. For help, email your instructor.



## ENGR 2: Statics

Transferable: CSU, UC


Vector treatment of two- and three-dimensional force systems acting on particles and engineering structures in equilibrium. Topics include forces, moments, couples, resultants, equilibrium conditions, trusses, centroids, moment of inertia, beams, shear and moment diagrams, cables, virtual work and friction. Students will combine analytical skills and the use of a high- programming language to solve real-world statics problems. Previous experience with scientific programming is recommended but not necessary. PREREQUISITE: Mathematics 1B and Physics 4A with a grade of 'C' or better. (C-ID ENGR 130)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11464	ENGR 2	Online 	3.0			ONLINE	Stevens, Adam	22
This course is HYBRID. See the legend for more information.								
	ENGR 2	Lab		02:00 pm - 03:25 pm	TR	PS-102	Stevens, Adam	

## ENGR 10: Introduction to Engineering

Transferable: CSU

Engineering 10 introduces students to the engineering profession. The course explains the engineering education pathways and explores effective strategies for students to reach their full academic potential. Topics will include an introduction to the various engineering disciplines; the role of engineers and engineering in society; the curriculum requirements for the various engineering disciplines at different four-year institutions; academic success strategies; personal and professional development techniques; an introduction to the engineering design process; an introduction to engineering problem-solving methodologies; engineering ethics; communication skills; and working as a member of a team. The lab component focuses on hands-on design projects, case studies, and problem-solving using computers. Lab topics include: brief introduction to CAD design, 3D printing, and micro-controllers. (C-ID: ENGR 110).

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12089	ENGR 10	Online 	3.0			ONLINE	Argudo, David	7
This course is HYBRID. See the legend for more information.								
	ENGR 10	Lab		12:55 pm - 02:20 pm	MW	PS-102	Argudo, David	

## ENGR 10A: Introduction to Engineering I

Transferable: CSU, UC; CSU-GE:B1, B5, B6, B9

Engineering 10A introduces students to the engineering profession. The course explains the engineering education pathways and explores effective strategies for students to reach their full academic potential. Topics will include an introduction to the various engineering disciplines; the role of engineers and engineering in society; the curriculum requirements for the various engineering disciplines at different four-year institutions; academic success strategies; personal and professional development techniques; an introduction to the engineering design process; an introduction to engineering problem-solving methodologies; engineering ethics; communication skills; and working as a member of a team. . ADVISORY: English 250.



CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11284	ENGR 10A						STAFF, S	Cancelled

## ENGLISH


### ENGL 1A: Composition and Reading

Transferable: CSU, UC; CSU-GE:A2, IGETC:1A, GAV-GE:A2

English 1A is a composition course which focuses on the development and application of the academic writing process. Students read and assess models of expository, analytical, and argumentative prose to learn techniques of effective writing. Students practice strategies for planning, drafting, sharing, and revising essays in a variety of rhetorical modes. Students apply critical reading skills to the evaluation of source material. Students apply techniques in organizing, developing, and crafting prose that supports their arguments and balances outside sources with their own voice as writers. To achieve this end, students will write a minimum of 6,000 words and read book-length works, articles, model essays, and other writings.. (C-ID: ENGL 100). PREREQUISITE: English 280 or equivalent with grade of 'C' or better or informed self placement via multiple measures.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10400	ENGL 1A	Lec	4.0	09:00 am - 11:05 am	MW	HOL-2	Salvin, Christina	17
To take this course, which explores issues of gender and sexism through first-hand investigation and personal action, you must also register for ENGL 210/CRN 11162 Mondays and Wednesdays at 11:15AM, a success-boosting class with your English teacher that gives you the opportunity to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills.								
10402	ENGL 1A	Lec	4.0	09:00 am - 11:05 am	TR	HU-103	Sandler, Scott	12
To take this course, you must also register for ENGL 210/CRN 11167 Tuesdays and Thursdays at 11:15AM, a success-boosting class with your English teacher that gives you the opportunity to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills.								
10403	ENGL 1A	Lec	4.0	09:45 am - 11:50 am	TR	HU-101	McMillen, Jennifer	4
To take this course, you must also register for ENGL 210/CRN 11237 Tuesdays and Thursdays at 12:00PM, a success-boosting class with your English teacher that gives you the opportunity to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills.								
10404	ENGL 1A	Lec	4.0	11:20 am - 01:25 pm	MW	PB-20	Smith, Kimberly	1
In this Puente learning community, develop transfer-oriented writing and critical thinking skills through Mexican American/Latinx literature. Students must also enroll in Guidance 6/CRN 10490 and English 210/CRN 11422 Mondays and Wednesdays at 1:35, a success-boosting class with your English teacher that gives you the opportunity to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills. If you would like information about the Puente Program, please email Carla Velarde-Barros at <a href="mailto:cvelardebarros@gavilan.edu">cvelardebarros@gavilan.edu</a> .								
10405	ENGL 1A	Lec	4.0	11:20 am - 01:25 pm	M	HU-102	Vodanovich, Mia	1
This course is for student athletes in the PASS program who are enrolled in Athletics 12A CRN 10878. Students must also take English 210/CRN 11423 Wednesdays at 11:20AM, a success-boosting class with your English teacher that gives you the opportunity to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills. If you would like information about the PASS Program, please email Darlene Del Carmen at <a href="mailto:ddelcarmen@gavilan.edu">ddelcarmen@gavilan.edu</a> .								
	ENGL 1A	Online 				ONLINE	Vodanovich, Mia	
10525	ENGL 1A	Lec	4.0	12:55 pm - 03:00 pm	M	HU-103	Crook, Erin	11
To take this course, you must also register for ENGL 210/CRN 11878 Wednesdays from 12:55-3:00PM, a success-boosting class with your English teacher that gives you the opportunity to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills.								
	ENGL 1A	Online 				ONLINE	Crook, Erin	
10604	ENGL 1A	Lec	4.0	09:30 am - 01:40 pm	F	HOL-2	Salvin, Christina	9
This class is conducted at the Hollister campus and Pinnacles National Park, where we will spend six Fridays going on 3-6 mile hikes, learning about the park from rangers including the cultural historian, condor program coordinator, and wildlife biologist. We will meet in Hollister to carpool at 8:30AM and return to Hollister by approximately 2:30PM on each of the scheduled Fridays (9/15, 9/29, 10/13, 10/27, 11/17, 12/1) though dates are subject to change based on weather and staffing. Please email Christina Salvin at <a href="mailto:csalvin@gavilan.edu">csalvin@gavilan.edu</a> for more information if you are interested in enrolling.								


10605	ENGL 1A	Lec	4.0	10:30 am - 12:35 pm	TR	HU-102	Hooper, Jessica	5
In this course, 'Health and Well-Being,' we will explore topics in the medical field and in fields of study on mental health and emotional well being, including mindfulness practices.								
10606	ENGL 1A	Lec	4.0	02:00 pm - 04:05 pm	TR	HU-102	Hooper, Jessica	7
In this course, 'Health and Well-Being,' we will explore topics in the medical field and in fields of study on mental health and emotional well being, including mindfulness practices.								
10607	ENGL 1A	Lec	4.0	09:45 am - 11:50 am	MW	HU-101	Oral, Martha	1
This course explores the worlds of science and technology with particular emphasis on plastics in our environment. Recommended for STEM students.								
10608	ENGL 1A	Lec	4.0	12:55 pm - 03:00 pm	MW	HU-101	Oral, Martha	2
This course explores the worlds of science and technology with particular emphasis on plastics in our environment. Recommended for STEM students.								
10613	ENGL 1A	Lec	4.0	09:45 am - 11:50 am	TR	AR-102	Herzi, Monica	11
In this course, students will explore through a social justice lens how different factors shape personal and group identity.								
10616	ENGL 1A	Lec	4.0	11:20 am - 01:25 pm	T	HOL-2	Salvin, Christina	18
In this course, students explore issues of gender and sexism through first-hand investigation and personal action.								
	ENGL 1A	Online				ONLINE	Salvin, Christina	
10617	ENGL 1A	Lec	4.0	09:00 am - 11:05 am	T	BU-118	Palsgrove, Tiffany	11
This class focuses on the science of learning and trending topics in higher education. All reading materials will be provided to students for free.								
	ENGL 1A	Online				ONLINE	Palsgrove, Tiffany	
10626	ENGL 1A	Lec	4.0	11:20 am - 01:25 pm	M	BU-118	Hull, Kyle	7
	ENGL 1A	Online				ONLINE	Hull, Kyle	
10628	ENGL 1A	Lec	4.0	02:30 pm - 04:35 pm	M	HU-102	Mora, Glenda	7
This class will focus on grit and goals and how to achieve both.								
	ENGL 1A	Online				ONLINE	Mora, Glenda	
10634	ENGL 1A	Lec	4.0	12:55 pm - 03:00 pm	F	HU-102	Ibessaine, Andrea	2
	ENGL 1A	Online				ONLINE	Ibessaine, Andrea	
10644	ENGL 1A	Lec	4.0	06:00 pm - 08:05 pm	TR	HOL-2	Davis, Alexander	10
This course explores the connection between daily life, current events, and history.								
10646	ENGL 1A	Lec	4.0	06:00 pm - 08:05 pm	R	HU-102	Domezio, Rachel	4
This course explores the role of female protagonists in the horror genre.								
	ENGL 1A	Online				ONLINE	Domezio, Rachel	
11174	ENGL 1A	Lec	4.0	11:20 am - 01:25 pm	MW	PB-19	Omid, Pejman	13
12226	ENGL 1A	Lec	4.0	09:00 am - 11:05 am	M	LI-100	Avila, Philip	2
To take this course, you must also register for ENGL 210/CRN 12227 Wednesdays from 9:00-11:05AM, a success-boosting class with your English teacher that gives you the opportunity to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills.								
	ENGL 1A	Online				ONLINE	Avila, Philip	

12231	ENGL 1A	Lec	4.0	11:20 am - 01:25 pm	TR	BU-118	Mora, Glenda	11
12258	ENGL 1A	Lec	4.0	09:00 am - 11:05 am	F	HU-101	Ibessaine, Andrea	2
	ENGL 1A	Online 				ONLINE	Ibessaine, Andrea	
12267	ENGL 1A	Lec	4.0	08:00 am - 10:05 am	MW	HU-103	Sandler, Scott	13

### ENGL 1C: Critical Reasoning and Writing

Transferable: CSU, UC; CSU-GE:A3, IGETC:1B, GAV-GE:C2

This course is designed to develop critical thinking skills and information literacy and the ability to apply these skills to reading and writing. The emphasis is on developing analytical and argumentative academic essays based on reading of complex texts and the use of outside research leading to a documented research paper. Students will write a minimum of 6,000 words. (C-ID: ENGL 105). PREREQUISITE: English 1A with a grade of "C" or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10408	ENGL 1C	Lec	3.0	09:45 am - 11:10 am	TR	PB-20	Smith, Kimberly	4
10651	ENGL 1C	Lec	3.0	11:20 am - 12:45 pm	TR	PB-20	Smith, Kimberly	4
10652	ENGL 1C	Lec	3.0	02:00 pm - 03:25 pm	TR	HU-103	Oral, Martha	1
This course explores data science and what it can tell us about ourselves. STEM students are encouraged to enroll.								
10653	ENGL 1C	Lec	3.0	06:00 pm - 09:05 pm	M	HU-102	Mora, Glenda	11
10655	ENGL 1C	Lec	3.0	11:20 am - 12:45 pm	W	HU-103	Hull, Kyle	4
	ENGL 1C	Online 				ONLINE	Hull, Kyle	

### ENGL 5A: Survey of American Literature - 1620 to 1865

Transferable: CSU, UC; CSU-GE:C2, IGETC:3B, GAV-GE:C2, F

This course is a study of the masters of American Literature and the major trends of literature from Pre-colonial times through to 1865. In this course, students will work to understand concepts within poetry and prose, examine common literary trends, as well as work to explain the social and historical influences which inform this literature. (C-ID: ENGL 130) PREREQUISITE: Eligible for ENGL 1A as determined by college assessment or other appropriate method.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10503	ENGL 5A	Lec	3.0	09:45 am - 11:10 am	W	HU-102	Hooper, Jessica	20
	ENGL 5A	Online 				ONLINE	Hooper, Jessica	

### ENGL 210: English Academy

This immersion course is geared for students who are enrolled in or considering enrollment into English 1A. course is designed to improve fundamental academic skills in This course is designed to improve fundamental academic skills in reading, writing, and studying necessary for success in transfer-level English courses. The course will introduce reading, writing, research, and editing strategies. Students will work in a community-oriented environment. This is a pass/no pass course. COREQUISITE: ENGLISH 1A

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11162	ENGL 210	Lec	2.0	11:15 am - 12:20 pm	M	HOL-2	Salvin, Christina	17
This course is designed to boost your success in English 1A CRN 10400 through providing opportunities with your instructor and peers to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills.								
	ENGL 210	Lec		11:15 am - 12:05 pm	W	HOL-2	Salvin, Christina	
<i>Above class meets at the Hollister Briggs site.</i>								
11167	ENGL 210	Lec	2.0	11:15 am - 12:20 pm	T	HU-103	Sandler, Scott	11
This course is designed to boost your success in English 1A CRN 10402 through providing opportunities with your instructor and peers to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills.								
	ENGL 210	Lec		11:15 am - 12:05 pm	R	HU-103	Sandler, Scott	

11237	ENGL 210	Lec	2.0	12:00 pm - 12:50 pm	T	LI-171	McMillen, Jennifer	4
This course is designed to boost your success in English 1A CRN 10403 through providing opportunities with your instructor and peers to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills.								
	ENGL 210	Lec		12:00 pm - 01:05 pm	R	LI-171	McMillen, Jennifer	
11422	ENGL 210	Lec	2.0	01:35 pm - 02:25 pm	M	PB-20	Smith, Kimberly	1
This course is designed to boost your success in English 1A CRN 10404 through providing opportunities with your instructor and peers to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills. As part of the Puente program, you must also enroll in GUID 6, 10490. If you would like information about the Puente Program, please email Carla Velarde-Barros at <a href="mailto:cvelardebarros@gavilan.edu">cvelardebarros@gavilan.edu</a> .								
	ENGL 210	Lec		01:35 pm - 02:40 pm	W	PB-20	Smith, Kimberly	
11423	ENGL 210	Lec		11:20 am - 01:25 pm	W	SS-205	Vodanovich, Mia	
11878	ENGL 210	Lec	2.0	12:55 pm - 03:00 pm	W	HU-103	Crook, Erin	9
This course is designed to boost your success in English 1A CRN 10525 through providing opportunities with your instructor and peers to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills.								
12227	ENGL 210	Lec	2.0	09:00 am - 11:05 am	W	LI-100	Avila, Philip	2
This course is designed to boost your success in English 1A CRN 12226 through providing opportunities with your instructor and peers to discuss readings, draft essays, get feedback, and learn practical strategies to improve your reading and writing skills.								

## ENGL 756: High School Equivalency/GED Preparation

This course is designed to prepare the student to pass the five General Education Development (GED) tests in Writing, Social Studies, Science, Literature and Mathematics. English grammar and usage, reading comprehension, writing, vocabulary and computational skills are emphasized. The course is designed for students who are 18 years of age or older and elect to take the High School Equivalency Examination. This course may be repeated.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12128	ENGL 756	Lab		06:00 pm - 09:05 pm	TR	OFFSTE-CHISPA	Sandoval-Barron, Ethel	24
This class is taught in Spanish.					8/28/2023 - 12/16/2023			

## ENGLISH AS A SECOND LANGUAGE

### ESL 527: Beginning ESL Reading, Writing

This is the first course in a series of integrated skills courses designed to introduce beginning ESL students to academic reading, writing and grammar skills. This beginning course focuses on vocabulary development, basic reading strategies and comprehension, basic grammar and beginning writing skills (sentence level and basic paragraphs.) The aim of this course is to assist beginning level students in becoming more literate while participating in holistic reading and writing activities based on engaging multicultural topics. Pre-requisite: ESL 787 - NC ESL Lifeskills 2B or ESL 789 - NC Lifeskills 2 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10002	ESL 527	Lec	6.0	09:00 am - 12:05 pm	TR	CDC-100	Peeren, Elise	9
12129	ESL 527	Lec	6.0	06:00 pm - 09:10 pm	TR	HOL-1	Howell, John	12
Above class meets at the Hollister Briggs site.								

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## ESL 528: Beginning ESL Listening,Speaking

This is the first in a series of integrated skills courses designed to introduce beginning ESL students to academic listening, speaking and pronunciation skills. Activities, which include listening exercises, role-play, pair work, small and large group discussions, interviews, oral presentations and pronunciation drills (focusing on English sounds and rhythm), are presented in the context of relevant, contemporary and intellectually challenging themes. Prerequisite: ESL 787 - NC ESL Lifeskills 2B or ESL 789 - NC Lifeskills 2 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10029	ESL 528	Lec	6.0	06:00 pm - 09:10 pm	MW	SS-205	Naher, Saïa	3

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## ESL 531: Intermediate ESL Listening,Speaking I



This is the second course in a series of integrated skills courses designed to develop academic listening, speaking and pronunciation skills of low-intermediate ESL students. Activities, which include extended listening exercises, open-ended dialogues, pair and group discussions, oral interviews, and oral reports, are presented in the context of relevant, contemporary and intellectually challenging themes. PREREQUISITE: ESL 528 or ESL 728 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11678	ESL 531	Lec	4.0	06:30 pm - 08:35 pm	MW	HU-104	Ao, Leisurige	21

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## ESL 539: Intermediate ESL Reading, Writing I


This is the second course in a series of integrated skills courses designed to develop reading, writing and grammar skills of low-intermediate ESL students. The course focuses on vocabulary development through the application of different reading strategies to a variety of selections of topics of interest to academically-bound students. It also involves the practice and refinement of sentence and paragraph skills, structure, and punctuation. PREREQUISITE: ESL 527 or 727 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11637	ESL 539	Lec	8.0	06:00 pm - 09:05 pm	T	HU-104	Sanders, Craig	15
	ESL 539	Online 		06:00 pm - 09:05 pm	R	ONLINE-LIVE	Sanders, Craig	
	ESL 539	Online 				ONLINE	Sanders, Craig	

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## ESL 549: Intermediate ESL Reading, Writing II

This is the third course in a series of integrated skills courses designed to continue to develop reading, writing, and grammar skills of high-intermediate ESL students. The course focuses on vocabulary development through the application of different reading strategies to a variety of selections of topics of interest to academically-bound students. It also involves the further practice and refinement of sentence and paragraph skills, structure and punctuation. PREREQUISITE: ESL 537 or ESL 737 or ESL 539 or ESL 739 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11680	ESL 549	Lec	8.0	06:00 pm - 09:05 pm	MW	HU-105	Williams, Sheila	6
	ESL 549	Online 				ONLINE	Williams, Sheila	

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## ESL 702A: ESL Citizenship

This course is designed for second language learners that want to prepare for the United States Citizenship test given by the Department of Immigration and U. S. Naturalization Services. The focus will be on communicative English skills and knowledge of American History and Government required for passing the test to become a citizen of the United States. Readings are at the high-beginning/low-intermediate ESL level and will focus on the historical period beginning in the 1600's on through to 1980.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12133	ESL 702A	Lec		06:00 pm - 08:10 pm	MW 8/28/2023 - 12/16/2023	SS-203	Avila, Sara	14

### ESL 727: NC Beginning ESL Reading, Writing

This is the first course in a series of integrated skills courses designed to introduce beginning ESL students to academic reading, writing and grammar skills. This beginning course focuses on vocabulary development, basic reading strategies and comprehension, basic grammar and beginning writing skills (sentence level and basic paragraphs.) The aim of this course is to assist beginning level students in becoming more literate while participating in holistic reading and writing activities based on engaging multicultural topics. Prerequisite: ESL 787 - NC ESL Lifeskills 2B or ESL 789 - NC Lifeskills 2 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12130	ESL 727	Lec		06:00 pm - 09:10 pm	TR 8/28/2023 - 12/16/2023	HOL-1 <i>Above class meets at the Hollister Briggs site.</i>	Howell, John	12

### ESL 785: NC ESL Lifeskills 1B

This is the second course in a series of English classes for students with basic oral or written English competency. It will give students basic vocabulary and familiarity in life skill areas such as daily routines, food work, and health to manage in the English speaking community. This course integrates listening, speaking, reading and writing. ADVISORY: ESL Assessment Recommendation

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12219	ESL 785	Lec		09:00 am - 12:15 pm	TR 8/28/2023 - 12/16/2023	SS-203	Zavala, Angelica	19

## ETHNIC STUDIES

### ETHN 3B: Sociology of Race, Ethnicity and Cultural Identity

Transferable: CSU, UC

This course is designed to introduce students to the basic sociological concepts and theories of race, ethnicity and cultural identity in U.S. society. Students will examine race, ethnicity and cultural identity as social constructs that permeate social structures and institutions, and how they change over time and space. Over the semester students will critically analyze the ways which race, ethnicity, class, and gender/sexuality continually shape people's lives and experiences. While the class focuses on U.S. societies, students will also critically compare and contrast race and ethnicity in other societies. Also listed as SOC 3.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12031	ETHN 3B	Lec	3.0	06:00 pm - 09:10 pm	R	HOL-1 <i>Above class meets at the Hollister Briggs site.</i>	Villarreal, Anthony	7
THIS CLASS IS CROSS LISTED WITH SOC 3								

## FILM & TELEVISION

### MCTV 6: Introduction to Audio Production

Transferable: CSU, UC

The theory and practice of audio techniques in radio, television, film and multimedia including acoustics, audio language and terms, signal flow, use of microphones, use of mixers and related audio production and digital recording equipment and the aesthetic aspects of sound mixing and post production. Students will be able to apply knowledge and gain hands-on experience recording, editing, mixing and mastering audio. This course has the option of a letter grade or pass/no pass. This course is also listed as THEA 6.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12113	MCTV 6	Lec	3.0	01:20 pm - 03:10 pm	F	LI-140	Ahlin, Timothy	4
	MCTV 6	Lec	3.0	01:20 pm - 03:10 pm	F	LI-140	Richards, Grant	4
	MCTV 6	Lab		10:00 am - 01:10 pm	F	LI-140	Ahlin, Timothy	
	MCTV 6	Lab		10:00 am - 01:10 pm	F	LI-140	Richards, Grant	

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### MCTV 19: Acting and Voice for TV, Film and Media

Transferable: CSU, UC

Theory and practice of acting, performance and development of voice, articulation and pronunciation for TV, film, and media. Learning experiences include project in broadcasting, reporting, commercials, public service announcements (PSA), comedy and drama. This course has the option of a letter grade or pass/no pass. This course is also listed as THEA 19.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11717	MCTV 19	Lec	3.0	02:20 pm - 03:25 pm	TR	LI-140	Richards, Grant	7
	MCTV 19	Lec	3.0	02:20 pm - 03:25 pm	TR	LI-140	Ahlin, Timothy	7
	MCTV 19	Lab		03:35 pm - 05:10 pm	TR	LI-140	Richards, Grant	
	MCTV 19	Lab		03:35 pm - 05:10 pm	TR	LI-140	Ahlin, Timothy	

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### MCTV 26: Introduction to Cinematography

Transferable: CSU

This course is an exploration of cinematography. The intent is to assist students in developing their moviemaking abilities generated by the current practice of the medium through advanced lighting techniques, camera movement, and concept development.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11886	MCTV 26	Lec	3.0	01:20 pm - 03:10 pm	F	LI-140	Richards, Grant	4
	MCTV 26	Lec	3.0	01:20 pm - 03:10 pm	F	LI-140	Ahlin, Timothy	4
	MCTV 26	Lab		10:00 am - 01:10 pm	F	LI-140	Richards, Grant	
	MCTV 26	Lab		10:00 am - 01:10 pm	F	LI-140	Ahlin, Timothy	


## FRENCH

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### FRNH 1A: Elementary French

Transferable: CSU, UC; CSU-GE:C2, GAV-GE:C2, F

French 1A is a multi-skilled beginning level class with emphasis on understanding and speaking French. Students are introduced to the cultures and customs of various French-speaking countries.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10385	FRNH 1A	Lec	5.0	12:50 pm - 02:15 pm	TR	HU-104	Herzi, Monica	8
Would you like to travel around the world and satisfy one of your electives? French 1A is the answer! We will be exploring Francophone countries around the world, learning about different cultures, and speaking French!								
	FRNH 1A	Online 				ONLINE	Herzi, Monica	

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### FRNH 1B: Elementary French

Transferable: CSU, UC; CSU-GE:C2, IGETC:6A, GAV-GE:C2, F

Continuation of French 1A with further development of the four skills of understanding, speaking, reading, and writing. Continued emphasis on culture. PREREQUISITE: French 1A, or equivalent.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12125	FRNH 1B	Lec	5.0	12:50 pm - 02:15 pm	TR	HU-104	Herzi, Monica	8
	FRNH 1B	Online 				ONLINE	Herzi, Monica	


## GEOLOGY



## GEOL 1: Introduction to Geology

Transferable: CSU, UC; CSU-GE:B1, B4, IGETC:5A, 5C, GAV-GE:B1, B4

A study of the earth and the physical properties which modify the earth; minerals, rocks, geologic structures and processes. ADVISORY: College level reading and writing skills.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10080	GEOL 1	Online 	4.0			ONLINE	Lopez, Robert	4
This course is HYBRID. See the legend for more information.								
	GEOL 1	Lab		09:45 am - 12:55 pm	F	SS-206	Lopez, Robert	

## GUIDANCE

### GUID 1: Self-Assessment and Career Development

Transferable: CSU; CSU-GE:E, GAV-GE:E2

This course is designed to assist the student in learning more about personal values, personality, interests, exploration of career choice, and occupational opportunities through the use of various personal assessment instruments. The delivery options for this course also include online and self-paced formats.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11803	GUID 1	Lec	3.0	02:30 pm - 04:00 pm	W	PB-19	Tenney, Leslie	6
There is a \$13.95 materials fee for this class.								
	GUID 1	Online 				ONLINE	STAFF, S	

### GUID 6: Life Skills for Higher Education

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E2

Evaluation and application of academic study methods to achieve subject matter mastery. Development of critical thinking skills, and application of reading, writing, note taking and test taking methods to improve personal strategies. Exploration of personal lifestyle and health factors, including the causes and management of stress, as it relates to academic success. Assessment of academic and career goals, selection of majors, and development of education plans. Topics covered include creative and realistic goal setting, academic and life management, college and community resources, library and Internet use, time management, and techniques to reduce math and science anxiety. This class will address a multitude of cultural learning styles, with emphasis on attaining professional, personal and academic goals in a diverse society. Topics from developmental psychology, learning theory and personality theory.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10490	GUID 6	Lec	2.0	11:20 am - 01:25 pm	R	PB-19	Velarde-Barros, Carla	1
This class is open to all students but designed for Puente Students. If you enroll in this course, you must also enroll in ENGL 1A CRN# 10404 and ENGL 210 CRN# 11422. For more information about the Puente program, please contact the Puente Counselor Carla Velarde Barros at <a href="mailto:cvelardebarros@gavilan.edu">cvelardebarros@gavilan.edu</a> .								
10493	GUID 6	Lec	2.0	09:00 am - 11:05 am	M	PB-19	Palacios, Leticia	3

### GUID 530: Job Readiness

This course is designed to provide a comprehensive, well-organized approach to assist individuals with the identification of occupational choices and the development of job readiness skills necessary to obtain and maintain employment in a competitive or supported work setting. May be repeated twice for credit. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11831	GUID 530	Lec	3.0	09:45 am - 11:10 am	MW	LI-171	Gaitan, Stephen	10
This course is designed for WorkAbility III/DOR eligible students.								

## HEATING, VENTILATION, AIR COND

 Online Classes - To start your course, go to: <https://ilearn.gavilan.edu>. You must login by 11:59 p.m. the 1st day of the course and late adds must login within 24 hours of adding or you may be dropped. For help, email your instructor.

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## HVAC 202: Basic Refrigeration

Students will study concepts of the vapor compression refrigeration system. The course includes both the theory and practice applicable to the mechanical function of air conditioning and refrigeration systems. The student will learn the major components and accessories of the sealed system including metering devices, evaporators, compressors and condensers. The practices for oxy-acetylene torch safety are emphasized along with different techniques for connecting tubing such as brazing and soldering copper refrigerant lines and the proper procedures for cutting, bending, swaging and flaring.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10767	HVAC 202	Lec	4.0	06:00 pm - 09:10 pm	R	MP-114	Tagg, Brian	FULL
\$90.27 payable at registration. Entry students coming into the program will require basic personal hand tools that will be used routinely in the classroom and lab as well as in the field: Flat Screwdriver 1/4" Phillips Screwdriver #2 Wire Stripper/Crimper Tongue & Groove Plier 9-1/2" Adjustable Wrench 8" Zippered Tool Pouch								
	HVAC 202	Lab		06:00 pm - 09:10 pm	T	MP-129	Tagg, Brian	

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## HVAC 203: Heating Systems

This course will cover gas furnaces, electric furnaces and oil heat. The students will learn about split system applications and package unit applications. Mechanical and electrical safety will be covered as well as: types of gas and fuels used, function of controls, combustion efficiency tests, gas pressure adjustment, sequence of operation, limit switches, sequencers and proper ventilation. PREREQUISITE: HVAC 201 and HVAC 202 with a grade of "C" or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11865	HVAC 203	Online 	4.0			ONLINE	Tagg, Brian	19
	HVAC 203	Lab		06:00 pm - 09:10 pm	M	MP-129	Tagg, Brian	

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## HVAC 206: HVAC Controls

Students will study theory, application, and operation of Heating, Ventilating, and Air Conditioning (HVAC) control systems; including electric, pneumatic, solid state, and digital control systems. They will also study Energy Management Systems (EMS), Building Management Systems (BMS), building applications, and green technology; including fire/smoke, lighting, and heating and ventilation controls. PREREQUISITE: HVAC 201 and HVAC 202 with a grade of "C" or better. ADVISORY: Eligible for MATH 430.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12106	HVAC 206	Online 				ONLINE	Wise, William	22
	HVAC 206	Lab		09:00 am - 12:10 pm	S	MP-129	Wise, William	


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## HISTORY

### HIST 1: United States History through Reconstruction

Transferable: CSU, UC; CSU-GE:C2, D1, D2, IGETC:3B, 4F, GAV-GE:C2, D1, D2, F

History of the United States from the time before European contact with the Americas through Reconstruction. Emphasis will be placed on distinctive patterns of political, economic, social, intellectual, and geographic developments within their global context. At the conclusion of the course, the student should understand major themes in the history of the United States, and be able to explain various ways in which ideas about federal v.s. state power, ethnicity, class, and gender divisions have influenced the nation's development. This course has the option of a letter grade or pass/no pass. (C-ID: HIST 130)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10175	HIST 1	Lec	3.0	08:10 am - 09:35 am	TR	SS-214	Allen, Daniel	FULL
11428	HIST 1	Lec	3.0	12:55 pm - 02:20 pm	MW	SS-214	Allen, Daniel	1
11808	HIST 1	Lec	3.0	11:20 am - 12:45 pm	T	HOL-3 <i>Above class meets at the Hollister Briggs site.</i>	Tripp, Ryan	16
	HIST 1	Online 				ONLINE	Tripp, Ryan	

## HIST 2: United States History Reconstruction to the Present

Transferable: CSU, UC; CSU-GE:C2, D1, D2, IGETC:3B, 4F, GAV-GE:C2, D1, D2, F

History of the United States from Reconstruction to the present. Emphasis will be placed on distinctive patterns of political, economic, social, intellectual, and geographic developments within their global context. At the conclusion of the course, the student should understand major themes in the history of the United States, and be able to explain various ways in which ideas about federal v.s. state power, ethnicity, class, and gender divisions have influenced the nation's development. This course has the option of a letter grade or pass/no pass. (C-ID: HIST 140)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11425	HIST 2	Lec	3.0	11:20 am - 12:45 pm	MW	SS-210	Mosher, Timothy	2
11427	HIST 2	Lec	3.0	03:35 pm - 04:55 pm	TR	HOL-1 <i>Above class meets at the Hollister Briggs site.</i>	Perry-Perez, Barbara	21
12074	HIST 2	Lec	3.0	09:45 am - 11:10 am	MW	SS-210	Mosher, Timothy	1

## HIST 4B: Global History After 1500

Transferable: CSU, UC; CSU-GE:C2, D, IGETC:3B, 4F, GAV-GE:C2, D2, F

Beginning with the European Renaissance, this course examines the development of global society after 1500. With attention to the interactions between humans and environment, developing states, cultures, economics, and social structures are examined in global context. The course emphasizes historical, analytical, and research skills. It asks students to analyze the evolution of global values, beliefs, and practices, as well as the conditions and results of social change and globalized human activity. This course has the option of a letter grade or pass/no pass. (C-ID: HIST 160) ADVISORY: Eligible for English 1A.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12252	HIST 4B	Lec	3.0	08:10 am - 09:35 am	TR	SS-210	Tripp, Ryan	18

## HUMANITIES

### HUM 3: Introduction to Cinematic Arts, Film and Television

Transferable: CSU, UC; CSU-GE:C2, IGETC:3B, GAV-GE:C2

This course provides an introduction to the cinema. The course will examine broad questions of form and content, aesthetics and meaning, and history and culture. Using a wide variety of films, filmmakers, and film movements, the course explores the diverse possibilities presented by the cinematic art form. Topics include modes of production, narrative and non-narrative forms, visual design, editing, sound, genre, ideology, and critical analysis. ADVISORY: Eligible for English 250 and 260.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10515	HUM 3	Lec	3.0	11:20 am - 12:45 pm	MW	SS-214	Richards, Grant	FULL
11881	HUM 3	Lec	3.0	11:20 am - 12:45 pm	TR	MU-101	Richards, Grant	5

This course will focus on films about math and the sciences and is recommended for students in STEM.

### HUM 6: Contemporary World Cinema

Transferable: CSU, UC; CSU-GE:C1, IGETC:3A, GAV-GE:C1, F

This class introduces contemporary foreign cinema and includes the examination of genres, themes, and styles. Emphasis is placed on cultural, economic, and political influences as artistically determining factors. Film and cultural theories such as national cinemas, colonialism, and orientalism will be introduced. The class will survey the significant developments in narrative film outside Hollywood. Differing international contexts, theoretical movements, technological innovations, and major directors are studied. The class offers a global, historical overview of narrative content and structure, production techniques, audience, and distribution. Students screen a variety of rare and popular films, focusing on the artistic, historical, social, and cultural contexts of film production. Students develop critical thinking skills and address issues of popular culture, including race, class gender, and equity.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11882	HUM 6	Lec	3.0	02:00 pm - 05:10 pm	W	PLY-	Richards, Grant	5

### HUM 25: Motion Picture Production

Transferable: CSU, UC; GAV-GE:C1

This course provides an introduction to the theory, terminology, and process of motion picture production for film and television. Topics include basic cinematography including the operation, function and creative uses of production and post-production equipment, scriptwriting, camera operation, shot composition, lighting, sound recording and mixing, and editing. (C-ID: FTVE 150)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11533	HUM 25	Lab	3.0	10:00 am - 01:10 pm	F	LI-140	Ahlin, Timothy	4
Classes will meet face-to-face on campus during scheduled days and times. In case of COVID-19 outbreak or shelter-in place order, classes will move to fully online.								
	HUM 25	Lab	3.0	10:00 am - 01:10 pm	F	LI-140	Richards, Grant	4
Classes will meet face-to-face on campus during scheduled days and times. In case of COVID-19 outbreak or shelter-in place order, classes will move to fully online.								
	HUM 25	Lec		01:20 pm - 03:10 pm	F	LI-140	Richards, Grant	
	HUM 25	Lec		01:20 pm - 03:10 pm	F	LI-140	Ahlin, Timothy	

## JPA FIRE TECHNOLOGY

### JFT 7A: Fire Apparatus Drive-Operator 1A

Transferable: CSU

This course provides information on fire apparatus preventive maintenance and driving/operating. Topics include routine tests, inspections, and servicing functions; operate, back, maneuver, and turn a fire apparatus in a variety of conditions; and operate all fixed systems and equipment on a fire apparatus. This course fulfills the requirements for a Class C Firefighter Endorsement. PREREQUISITE: JFT 8 or JFT 225.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12274	JFT 7A	Lec	1.0		9/18/2023 - 9/22/2023	OFFSTE-	Jensen, Kevin	FULL
	JFT 7A	Lab			9/18/2023 - 9/22/2023	OFFSTE-	Shumate, Mark	

### JFT 7B: Fire Apparatus Driver, Operator 1B

Transferable: CSU

This course provides information on pumping apparatus preventive maintenance and operations. Topics include routine tests, inspections, and servicing functions; producing hand, master, and foam streams, relay pump operations; and supplying water to fire sprinkler and stand pump systems. PREREQUISITE: Fire Firefighter Academy 1 certificate or equivalent

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12275	JFT 7B	Lec	1.0		9/25/2023 - 9/29/2023	OFFSTE-	Jensen, Kevin	FULL
	JFT 7B	Lab			9/25/2023 - 9/29/2023	OFFSTE-	Shumate, Mark	

### JFT 8: Fire Fighter I Academy

Transferable: CSU

This academy includes instruction on basic firefighting skills, laws and regulations affecting the fire service. The course will provide the student with knowledge and skills to safely perform, under minimal supervision, essential and advanced fire ground tasks, basic rescue, basic fire prevention and fire investigation task and to use, inspect, and maintain firefighting and rescue equipment. This course also includes mandated field trips to cover all the material. Previously listed as JFT 225.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12216	JFT 8	Lec	18.0			OFFSTE-	Jensen, Kevin	FULL
Class meets 7am-9:50am Lec 10am-6pmLab(1 hour lunch) on 6/26-6/29, 7/3, 7/10-7/13, 7/17-7/18, 7/24-7/27, 7/31-8/3, 8/7-8/10, 8/14-8/17, 8/21-8/22, 8/28-8/31, 9/5-9/6, 9/11-9/14, 9/18-9/21, 9/25-9/26, 10/2-10/5, 10/9-10/10, 10/16-10/19, 10/23-10/24, 10/30-11/2, 11/6, 7am-9:50am Lec 10am-12pm Lab on 7/5, 7/6, 7/19, 7/20 and 10am-12pm Lab on 11/7.					7/10/2023 - 11/21/2023			
	JFT 8	Lab			7/10/2023 - 11/21/2023	OFFSTE-	Mcghie, Zachary	

### JFT 10: Fire Fighter II

Transferable: CSU

This course is the second in a series of courses that provides the skills and knowledge needed for entry level professional fire fighter to perform his/her duties safely, effectively, and competently. The five overarching themes of the California State Fire Fighter II curriculum are: general knowledge germane to the profession, fire department communications, fireground operations, rescue operations, and prevention, preparedness, and maintenance. PREREQUISITE: Fire Fighter I

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12217	JFT 10	Lec	3.5			OFFSTE-	Jensen, Kevin	FULL
Class meets 1pm-2:50pm Lec 3pm-6pm Lab on 7/5, 7/6, 7/19, 7/20, 7am-9:50am Lec 10am-6pmLab(1 hour lunch) on 8/23, 8/24, 9/7, 9/27, 9/28, 10/11, 10/12, 10/25, 10/26, 11/2.					7/19/2023 - 11/16/2023			
	JFT 10	Lab			7/19/2023 - 11/16/2023	OFFSTE-	Mcghie, Zachary	

### JFT 17: Emergency Medical Technician

Transferable: CSU

This course is designed to prepare students to render pre-hospital basic life support services, including cardiopulmonary resuscitation, with emphasis on field application, practices, and techniques vital to the interaction of EMT-I personnel with all levels of emergency medical personnel. PREREQUISITE: First Aid CPR Responder ADVISORY: Eligible for English 280 or English 1A

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12148	JFT 17	Lec	5.0			COY-B113	Jensen, Kevin	FULL
No class on 11/21-11/23.					8/22/2023 - 12/14/2023			
	JFT 17	Lab			8/22/2023 - 12/14/2023	COY-B113	Van Elgort, Michael	

### JFT 19: Emergency Medical Technician Clinical

Transferable: CSU

This course gives EMT students emergency department, ambulance, and transport experience while working with patients. PREREQUISITE: JFT 17

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12212	JFT 19	Lab	0.5			OFFSTE-	Jensen, Kevin	FULL
	JFT 19	Lab	0.5		9/19/2023 - 12/14/2023	OFFSTE-	Van Elgort, Michael	FULL

### JFT 205: Fire Continued Professional Training

This course provides training recommended by the California State Fire Marshall to keep students current with new equipment, policies, laws and skills needed to be prepared in the line of duty. It also prepares the student with command awareness and the control techniques required to effectively manage a fire fighter emergency event should the situation occur. PREREQUISITE: Graduation from a California State Fire Academy.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12147	JFT 205	Lab	1.0			OFFSTE-	Griffith, Jonathan	FULL
Class meets on 8/21 & 8/22: 8:00am-8:00pm(1 hr lunch) and 8/23 :8am-7:00pm(1 hr lunch).					8/21/2023 - 8/23/2023			
	JFT 205	Lab	1.0			OFFSTE-	Jensen, Kevin	FULL
Class meets on 8/21 & 8/22: 8:00am-8:00pm(1 hr lunch) and 8/23 :8am-7:00pm(1 hr lunch).					8/21/2023 - 8/23/2023			
12157	JFT 205	Lab	0.5		9/11/2023 - 9/14/2023	OFFSTE-	Jensen, Kevin	FULL
	JFT 205	Lab	0.5		9/11/2023 - 9/14/2023	OFFSTE-	Lewis, Brian	FULL
12246	JFT 205	Lab	1.5		9/18/2023 - 9/29/2023	OFFSTE-	Jensen, Kevin	FULL
12247	JFT 205	Lab	1.5		10/16/2023 - 10/27/2023	OFFSTE-	Jensen, Kevin	FULL
12248	JFT 205	Lab	1.5		11/27/2023 - 12/8/2023	OFFSTE-	Jensen, Kevin	FULL
12276	JFT 205	Lab	0.5		10/2/2023 - 10/10/2023	OFFSTE-	Shumate, Mark	FULL
Class meets on 10/2, 10/3, 10/4, 10/10.								
	JFT 205	Lab	0.5		10/2/2023 - 10/10/2023	OFFSTE-	Jensen, Kevin	FULL
Class meets on 10/2, 10/3, 10/4, 10/10.								

## JPA LAW ENFORCEMENT

### JLE 107: Basic Academy Requalification

Transferable: CSU

The Commission on Peace Officer Standards and Training (POST) certifies this 144 hour course of training. It meets the content and hour requirement established by POST for re-qualification of former officers who have not been working as full time enforcement officers in California for a period exceeding three (3) years.

PREREQUISITE: JLE 100 or Equivalent

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12179	JLE 107	Lec	4.0		9/11/2023 - 10/6/2023	COY-D102	Jensen, Kevin	FULL
	JLE 107	Lab			9/11/2023 - 10/6/2023	COY-D102	Revino, Gerald	

### JLE 110: CIT Academy

Transferable: CSU

This course will provide students with the proper techniques for safe and secure contact, detainment and transport of individuals with mental disorders (Welfare and Institution Code section 5150) to appropriate designated mental health facilities. This is a pass/no pass course ADVISORY: JLE 100

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12180	JLE 110	Lec	1.0		9/18/2023 - 9/22/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 110	Lab			9/18/2023 - 9/22/2023	OFFSTE-	STAFF, S	
12182	JLE 110	Lec	1.0		10/16/2023 - 10/20/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 110	Lab			10/16/2023 - 10/20/2023	OFFSTE-	Rhodes, Melanie	

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### JLE 111: Background Investigation

Transferable: CSU

This course is designed to give students the skills necessary to become an accomplished Background Investigator. This course applies the fundamentals of background investigation, interviewing, the use of psychological screening, polygraphs, legal aspects of background investigation, and verbal/non-verbal communication. This course is certified by POST. PREREQUISITE: POST Certificate or Equivalent, Valid California Driver's License.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12162	JLE 111	Lec	0.5		11/13/2023 - 11/16/2023	COY-E106	Jensen, Kevin	FULL
	JLE 111	Lab			11/13/2023 - 11/16/2023	COY-E106	Vandegraaf, Steven	

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### JLE 112: Sexual Assault Investigations

Transferable: CSU

The course is a balance between a police officer's duties in handling sexual assault cases and being sensitive and aware of the victim's needs. Attention is given to the psychological as well as physical trauma a rape victim encounters. The legal aspects of the case will also be emphasized. This is a pass/no pass course. PREREQUISITES: JLE 100

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12194	JLE 112	Lec	1.0		11/13/2023 - 11/17/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 112	Lab			11/13/2023 - 11/17/2023	OFFSTE-	Jensen, Kevin	

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### JLE 114: Child Abuse Investigation

Transferable: CSU

An intensive study in causes, recognition, identification of abuse, neglect and sexual exploitation of children. Emphasis will be placed on laws, procedure of handling cases, effective interviewing/investigative techniques and action/referral. This is a pass/no pass course. PREREQUISITE: Basic Police Academy or equivalent; JLE 100

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12190	JLE 114	Lec	1.0		10/23/2023 - 10/27/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 114	Lab			10/23/2023 - 10/27/2023	OFFSTE-	Jensen, Kevin	

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### JLE 118: Field Training Officer

Transferable: CSU

This course will develop student proficiency in adult learning theory, evaluation and documentation, leadership, remedial training and other skills necessary to become a qualified Field Training Officer. This course meets minimum California Commission on Peace Officer Standards and Training requirements for Field Training Officers and follows the guidelines and standards under 832.3 of the Penal Code. (POST Certified) PREREQUISITE: POST Basic Certificate of Equivalent.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12181	JLE 118	Lec	1.0		9/25/2023 - 9/29/2023	COY-C103	Jensen, Kevin	FULL
	JLE 118	Lab			9/25/2023 - 9/29/2023	COY-C103	Kockler, Anthony	

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### JLE 132: PC 832 - Laws of Arrest, Search and Seizure

Transferable: CSU

This 40 hour course curriculum covers professional orientation, laws of arrest, search, seizure, evidence, preliminary investigations, communications and arrest techniques. This course satisfies PC 832 requirements for entry level but does not include the firearms portion. This course may be offered as a component of Correctional Officer Core Course or as part of an 18 unit approved certificate for Reserve Police Officer.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12026	JLE 132	Lec	1.0			COY-D104	Jensen, Kevin	FULL
No class on 9/4. Class meets 8am-9:05am Lec 9:15am-5pm Sunday , 6pm-7:05pm Lec 7:15pm-10pm Lab MTW.					10/16/2023 - 10/20/2023			
	JLE 132	Lab			10/16/2023 - 10/20/2023	COY-D104	Revino, Gerald	
12165	JLE 132	Lec	1.0			COY-E106	Jensen, Kevin	FULL
					12/11/2023 - 12/15/2023			
	JLE 132	Lab			12/11/2023 - 12/15/2023	COY-E106	Revino, Gerald	

### JLE 142: Basic Police Academy Modular Level III

Transferable: CSU

This is a 164 hour course is certified by the Commission on Peace Officers Standards and Training (POST) and meets the content and hour requirements established by POST for Level III Reserve Police Officers. This course also includes mandated field trips to cover all the material. This course combined with current PC 832 certificate, Level I and Level II certificates meet the regular basic academy Application process including medical clearance, proof of medical insurance, DMV history and DOJ Firearms Clearance.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12245	JLE 142	Lec	4.0			OFFSTE-	Jensen, Kevin	FULL
Class meets 6:15pm-8:05pm Lec & 8:15pm-9:15pm Lab on: 9/26, 9/27, 9/28, 10/31, 11/8, 5:15pm-7:05pm Lec & 7:15pm-10:15pm Lab: 9/19, 9/20, 9/21, 10/3, 10/4, 10/5, 10/10, 10/11, 10/12, 10/17, 10/18, 10/19, 10/25, 10/26, 11/1, 11/2, 11/9, 8am-9:50am Lec & 10am-5pm Lab (1 hour lunch): 9/30, 10/7, 10/8, 10/14, 10/21, 10/22, 10/28, 11/4.					9/19/2023 - 11/9/2023			
	JLE 142	Lab			9/19/2023 - 11/9/2023	OFFSTE-	Jensen, Kevin	

### JLE 143: Basic Police Academy Modular, Level II

Transferable: CSU

This course is certified by the commission on Peace Officer Standards and Training (POST) and meets the content and hour requirements established by POST for Level II Reserve Peace Officers. This course also includes mandated field trips to cover all the material. This course combined with Level I and Level III certificates meet the regular basic academy requirements. (280 hours) PREREQUISITE: Completion of POST Basic Police Academy Modular Level III course Completion of POST Level II course entry requirements Medical insurance Valid California drivers license DOJ clearance per Penal Code 13511.5

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12066	JLE 143	Lec	8.0			COY-E106	Jensen, Kevin	FULL
No class on 9/4. Class meets 8am-9:05am Lec 9:15am-5pm Sunday , 6pm-7:05pm Lec 7:15pm-10pm Lab MTW.					7/9/2023 - 10/22/2023			
	JLE 143	Lab			7/9/2023 - 10/22/2023	COY-E106	Revino, Gerald	

### JLE 154: Instructor Development Techniques

Transferable: CSU

The goal of this course is to prepare the experienced law enforcement officer to be an effective instructor for his agency. The course focuses on principles of learning, the police officer as an adult learner, determining training needs, and defining instructional objectives. The student will become familiar with effective communication and teaching strategies and will make presentations using lesson plans, visual support materials, and contemporary teaching techniques. The contents of this course can be applied to the beginning or experienced instructor of law enforcement topics. This is normally conducted as a 40-hour course. This is a pass/no pass course.

PREREQUISITE: JLE100 Basic Police Academy



CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12242	JLE 154	Lec	1.0		11/13/2023 - 11/17/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 154	Lab			11/13/2023 - 11/17/2023	OFFSTE-	Profio, Jeff	
12296	JLE 154	Lec	1.0		9/18/2023 - 9/21/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 154	Lab			9/18/2023 - 9/21/2023	OFFSTE-	Griffith, Jonathan	
12297	JLE 154	Lec	1.0		10/2/2023 - 10/6/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 154	Lab			10/2/2023 - 10/6/2023	OFFSTE-	Jensen, Kevin	

### JLE 156: Homicide Investigation

Transferable: CSU

A course teaches students the highly specialized field of Homicide Investigation. It will cover the legal aspects of death investigation, homicide crime scene procedures, autopsy, psychological profiling, criminal psychology, laboratory work, gunshots, asphyxia, drowning, burning, cutting, and stabbing, and interviewing techniques. PREREQUISITE: Basic Police Academy or equivalent; JLE 100

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12189	JLE 156	Lec	2.0		10/9/2023 - 10/20/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 156	Lab			10/9/2023 - 10/20/2023	OFFSTE-	Jensen, Kevin	

### JLE 164: Crime Scene Investigation

Transferable: CSU

This course is designed for students who desire an introduction to the basic tasks and responsibilities of an Evidence Technician. Students will be provided with the basic knowledge and skills needed to identify, process, collect and preserve various types of physical evidence. This is a pass/no pass course. PREREQUISITE: POST Basic Certificate or Equivalent.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12178	JLE 164	Lec	1.0		8/21/2023 - 8/25/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 164	Lab			8/21/2023 - 8/25/2023	OFFSTE-	Jensen, Kevin	FULL

### JLE 175: Basic Public Safety Dispatcher Academy

Transferable: CSU

This 120 hour Basic Course satisfies the Commission on Peace Officers Standards and Training (POST) minimum training requirements for entry level dispatchers. The course also prepares each student for the fundamental principles, procedures, techniques, and duties of a public safety dispatcher within the law enforcement agency including: Ethics and Professionalism, Criminal Justice System, Workplace Communication, Telephone Technology and Procedures, Missing Persons, Domestic Violence, Community Policing, Cultural Diversity, Law enforcement Technologies, Radio Technologies and Procedures, Critical Incidents, and an overview of many other aspects of public safety.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12127	JLE 175	Lec	3.0		9/18/2023 - 10/6/2023	OFFSTE-	Jensen, Kevin	FULL
	Class meets 8am-9:05am Lec 9:15am-5pm Sunday, 6pm-7:05pm Lec 7:15pm-10pm Lab MTW.							
	JLE 175	Lab			9/18/2023 - 10/6/2023	OFFSTE-	Miura, Shannon	

12159	JLE 175	Lec	3.0		9/25/2023 - 10/13/2023	COY-E103	Jensen, Kevin	FULL
	JLE 175	Lab			9/25/2023 - 10/13/2023	COY-E103	Famalett, Steven	
12164	JLE 175	Lec	3.0		11/27/2023 - 12/15/2023	COY-E103	Jensen, Kevin	FULL
	JLE 175	Lab			11/27/2023 - 12/15/2023	COY-E103	Famalett, Steven	

### JLE 176: Basic Public Safety Dispatcher - Update

Transferable: CSU

This variable unit course is designed to provide necessary and required continuing professional training to public safety dispatchers as required by The Commission on Peace Officers Standards and Training (POST). Students will learn radio procedures, radio systems, telephone procedures, legal updates and emergency dispatching techniques. PREREQUISITE: Basic Public Safety Dispatcher Academy or equivalent; JLE 175.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12069	JLE 176	Lec	5.0		10/9/2023 - 11/9/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 176	Lab			10/9/2023 - 11/9/2023	OFFSTE-	Revino, Gerald	

### JLE 202: Financial Crimes

This course is designed for investigators responsible for a variety of financial crimes. This course provides investigators with specialized training handling crimes related to check and credit card fraud, real estate fraud, and a variety of internet scams. This course will also provide training on technology used to commit crimes and technology available to solve crimes. PREREQUISITE: Basic Police Academy; JLE 100.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12191	JLE 202	Lec	1.0		10/23/2023 - 10/27/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 202	Lab			10/23/2023 - 10/27/2023	OFFSTE-	Jensen, Kevin	

### JLE 205: Officer Involved Shooting and Death Investigation

This course is designed for students who are assigned to investigate law enforcement involved critical incidents including officer-involved shootings, use of force incidents and in custody deaths. Topics covered throughout this course include understanding stakeholders, lawful and unlawful force, physiological and psychological changes (human factors), administrative and criminal investigations, legal considerations and courtroom testimony, crime scene reconstruction, video forensics, taser incidents, excited delirium related deaths, and contemporary critical incident case studies. PREREQUISITE: POST Basic Certificate or Equivalent; JLE 100

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12195	JLE 205	Lec	1.0		11/13/2023 - 11/17/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 205	Lab			11/13/2023 - 11/17/2023	OFFSTE-	Jensen, Kevin	

### JLE 206: Human Trafficking Investigation Course

Transferable: CSU

Students are taught that human trafficking is one of the most horrific crimes committed in our society today. It involves the recruitment, abduction, transport, sale, or receipt of persons, through force, coercion, fraud, or deception. In other words, human beings are being bought and sold, sometimes repeatedly, for profit. Students will learn about the California Trafficking Victims Protection Act was enacted in late 2005 by statute (Penal Code (PC) §13519.14) and required the Commission to prepare guidelines for law enforcement response to human trafficking. These guidelines are presented in a format that will allow the student to follow a systematic process when conducting human trafficking investigations. Pass/No Pass, Prerequisite Basic Police Academy or equivalent

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12187	JLE 206	Lec	2.0		9/25/2023 - 9/29/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 206	Lab			9/25/2023 - 9/29/2023	OFFSTE-	Collins, Jason	

### JLE 208: Interview and Interrogation

This course is designed to teach students an interview process that is supported by empirical research and evaluated by scientific standards and give the skills they need when they enter interview witnesses, suspects and victims. PREREQUISITE JLE 100.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12158	JLE 208	Lec	0.5		9/25/2023 - 9/29/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 208	Lab			9/25/2023 - 9/29/2023	OFFSTE-	Vandenhoevel, Dana	

### JLE 213: Field Training Program

The Field Training Program is designed to provide a training continuum which integrates the acquired knowledge and skills from the Basic Police Academy with the practical application of law enforcement services. Topics include: vehicle operations, report writing, use of force, arrest and control, investigation techniques, evidence collection and preservation, and use of telecommunication systems. This course is certified by Peace Officer Standards and Training (POST). Prerequisite JLE 100.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12213	JLE 213	Lab	13.0		8/22/2023 - 12/21/2023	OFFSTE-	Jensen, Kevin	FULL
Class meets on 8/22-8/25, 8/29-9/1, 9/5-9/8, 9/12-9/15, 9/19-9/22, 9/26-9/29, 10/3-10/6, 10/10-10/13, 10/17-10/20, 10/24-10/27, 10/31-11/3, 11/6-11/9, 11/13-11/16, 11/19-11/22, 11/28-12/1, 12/5-12/8, 12/12-12/15, 12/18-12/21.								
	JLE 213	Lab	13.0		8/22/2023 - 12/21/2023	OFFSTE-	Drozek, Pascale	FULL
Class meets on 8/22-8/25, 8/29-9/1, 9/5-9/8, 9/12-9/15, 9/19-9/22, 9/26-9/29, 10/3-10/6, 10/10-10/13, 10/17-10/20, 10/24-10/27, 10/31-11/3, 11/6-11/9, 11/13-11/16, 11/19-11/22, 11/28-12/1, 12/5-12/8, 12/12-12/15, 12/18-12/21.								
12244	JLE 213	Lab	10.0		9/12/2023 - 12/15/2023	OFFSTE-	Corral, Tomas	FULL
Class meets on 9/12-9/15, 9/19-9/22, 9/26-9/29, 10/3-10/6, 10/10-10/13, 10/17-10/20, 10/24-10/27, 10/31-11/3, 11/6-11/9, 11/13-11/16, 11/19-11/22, 11/28-12/1, 12/5-12/8, 12/12-12/15.								
	JLE 213	Lab	10.0		9/12/2023 - 12/15/2023	OFFSTE-	Jensen, Kevin	FULL
Class meets on 9/12-9/15, 9/19-9/22, 9/26-9/29, 10/3-10/6, 10/10-10/13, 10/17-10/20, 10/24-10/27, 10/31-11/3, 11/6-11/9, 11/13-11/16, 11/19-11/22, 11/28-12/1, 12/5-12/8, 12/12-12/15.								

### JLE 236: Firearms Instructor Training

The purpose of this course is to teach students how to teach firearms at both the basic academy level, as well as in-service personnel. Students will learn to teach students to be able to develop the necessary firearms tactical knowledge and skills to survive and win a lethal force encounter. Units earned in this course do not count toward the associate degree and/or certain certificate requirements. ADVISORY: JLE 100.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12192	JLE 236	Lec	2.0		10/16/2023 - 10/27/2023	OFFSTE-	Jensen, Kevin	FULL
	JLE 236	Lab			10/16/2023 - 10/27/2023	OFFSTE-	Gray, Daniel	
	JLE 236	Lab			10/16/2023 - 10/27/2023	OFFSTE-	Douglas, Nicholas	

## JLE 270: Law Enforcement Report Writing Update

Transferable: CSU

This course will update attendees in current procedures for created solid police reports and the vital role in the day-to-day functioning of an agency or institution. The facts and actions in reports will include attest to your profession, provide data for statistical studies, help justify an arrest or disciplinary action, testify that you are following legal guidelines and provide vital clues in cases. PREREQUISITE: JLE 100; Basic Police Academy

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12240	JLE 270	Lec	0.5		11/6/2023 - 11/7/2023	COY-D104	Jensen, Kevin	FULL
	JLE 270	Lab			11/6/2023 - 11/7/2023	COY-D104	Fielding, Jeffrey	

## JLE 301: Dispatch Radio Communications

In this course students will dispatch and receive various calls for service and must use professional demeanor, utilize proper radio procedure, apply effective interview techniques, gather and document relevant information, maintain control of the conversation, effectively communicate with diverse people, and relay information in a timely manner to the proper source. PREREQUISITE: POST Dispatch Certificate or Equivalent; JLE175.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12067	JLE 301	Lec	5.0		8/7/2023 - 9/9/2023	OFFSTE-	Jensen, Kevin	FULL
No class on 9/4.								
	JLE 301	Lab			8/7/2023 - 9/9/2023	OFFSTE-	Miura, Shannon	

## JAPANESE

### JPN 1A: Elementary Japanese

Transferable: CSU, UC; CSU-GE:C2, GAV-GE:C2, F

Beginning course with emphasis on understanding Japanese language; introduction to reading, writing, listening and speaking. This course will also introduce students to Japanese culture and traditions. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10387	JPN 1A	Lec	5.0	12:40 pm - 02:15 pm	MWR	LI-100	Fujita, Saori	3

## KINESIOLOGY

### KIN 1: Orientation for Student-Athlete Success

Transferable: CSU; CSU-GE:E, GAV-GE:E

This course identifies and clarifies issues relevant to student-athletes. Students will be exposed to the student services available to them and learn practical skills which will assist them in obtaining their educational objectives. Learning styles as well as academic eligibility and transfer rules will be covered.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12149	KIN 1	Lec	1.0	08:10 am - 10:50 am	T	PB-19	Del Carmen, Darlene	6
This is a short-term, 6 week class designed for the student-athlete. Meets face-to-face					8/28/2023 - 10/6/2023			

### KIN 3: Introduction to Athletic Training

Transferable: CSU, UC

An introductory course in athletic training/sports medicine. This course will familiarize the student with the six domains of athletic training: prevention; clinical evaluation and diagnosis; immediate care; treatment, rehabilitation, and reconditioning; organization and administration; and professional responsibility. Also included is hands-on experience in the training room and at athletic events. Previously listed as PE 3. ADVISORY: Skills in First Aid and CPR

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12273	KIN 3	Lec	4.0			HHS-324	Cote, Danielle	FULL
This course is for Hollister High School Dual Enrollment.								
	KIN 3	Lab				HHS-324	Cote, Danielle	

### KIN 16A: Swimming - Beginning

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

Co-educational activity designed for the beginning swimmer. Instruction on floating, rhythmic breathing, freestyle, elementary backstroke, and backstroke is included. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 16. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11598	KIN 16A	Lab	1.0	12:50 pm - 02:15 pm	MW	GY-POOL	Andrade, Neal	8
This course will meet face-to-face.								

### KIN 16B: Swimming - Intermediate

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

Coeducational activity designed for the intermediate swimmer. Instruction on the sidestroke and breaststroke is included as well as continued improvement on the freestyle, elementary backstroke and backstroke. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 16. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11599	KIN 16B	Lab	1.0	12:50 pm - 02:15 pm	MW	GY-POOL	Andrade, Neal	8
This course will meet face-to-face.								

### KIN 16C: Swimming - Advanced

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

Coeducational activity designed for the advanced swimmer. Continued improvement on all strokes. Variations of the sidestroke and the butterfly will be covered. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 16. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11600	KIN 16C	Lab	1.0	12:50 pm - 02:15 pm	MW	GY-POOL	Andrade, Neal	8
This course will meet face-to-face.								

### KIN 17A: Golf - Beginning

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

Coeducational activity stressing the basic rules and etiquette with emphasis on the 7 iron, putting, and the 3 wood. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 17. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10804	KIN 17A	Lab	1.0	10:40 am - 01:30 pm	F	GGOLF-COURSE	Andrade, Neal	FULL
This course will meet face-to-face.								

### KIN 17B: Golf - Intermediate

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

Coeducational activity with emphasis on low iron play, wedge play, and the driver. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 17. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10805	KIN 17B	Lab	1.0	10:40 am - 01:30 pm	F	GGOLF-COURSE	Andrade, Neal	FULL
This course will meet face-to-face.								

### KIN 17C: Golf - Advanced

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

Coeducational activity with emphasis on all irons, wedges, and woods. Includes course play. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 17. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11247	KIN 17C	Lab	1.0	10:40 am - 01:30 pm	F	GGOLF-COURSE	Andrade, Neal	FULL
This course will meet face-to-face.								

### KIN 24A: Individualized Weight Training - Level 1

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

An open laboratory for those who desire an individualized strength training program using the stations from the resistance machines. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 24. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10912	KIN 24A	Lab	1.0			GY-FITCNTR	Andrade, Neal	FULL
11646	KIN 24A	Lab	0.5			GY-FITCNTR	Andrade, Neal	14
12281	KIN 24A	Lab	1.0			GY-FITCNTR	Andrade, Neal	34

### KIN 24B: Individualized Weight Training - Level 2

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

An open laboratory for those who desire an individualized strength training program using the stations from the resistance machines and hand weights as well as body weight exercises using stability equipment. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 24. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10914	KIN 24B	Lab	1.0			GY-FITCNTR	Andrade, Neal	FULL
11647	KIN 24B	Lab	0.5			GY-FITCNTR	Andrade, Neal	14
12282	KIN 24B	Lab	1.0			GY-FITCNTR	Andrade, Neal	34

### KIN 24C: Individualized Weight Training - Level 3

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

An open laboratory for those who desire an individualized strength training program using strength and strength endurance training including plyometrics. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 24. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10918	KIN 24C	Lab	1.0			GY-FITCNTR	Andrade, Neal	FULL
11648	KIN 24C	Lab	0.5			GY-FITCNTR	Andrade, Neal	14
12283	KIN 24C	Lab	1.0			GY-FITCNTR	Andrade, Neal	34

### KIN 24D: Individualized Weight Training - Level 4

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

An open laboratory for those who desire an individualized strength training program using Olympic lifts and the kettle ball to develop maximum strength, hypertrophy, and power. This course has the option of a letter grade or pass no/pass. Previously listed as KIN 24. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10920	KIN 24D	Lab	1.0			GY-FITCNTR	Andrade, Neal	FULL
11649	KIN 24D	Lab	0.5			GY-FITCNTR	Andrade, Neal	14
12284	KIN 24D	Lab	1.0			GY-FITCNTR	Andrade, Neal	34

### KIN 33A: Walk, Run For Fitness - Level 1

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

A program of walking and/or running designed to improve cardiovascular fitness and strengthen the muscles throughout the body. Emphasis will be on student's exercising at a moderate (40% - 50% THR) exertion level. This course has the option of a letter grade or pass/no pass. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12171	KIN 33A	Lab	1.0	08:10 am - 09:35 am	TR	HOL-3	Lango, John	24
<i>Above class meets at the Hollister Briggs site.</i>								

### KIN 33B: Walk, Run For Fitness - Level 2

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

A program of walking and/or running designed to improve cardiovascular fitness and strengthen the muscles throughout the body. Emphasis will be on student's exercising at an intermediate (50% - 60% THR) exertion level. This course has the option of a letter grade or pass/no pass. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12172	KIN 33B	Lab	1.0	08:10 am - 09:35 am	TR	HOL-3	Lango, John	24
<i>Above class meets at the Hollister Briggs site.</i>								

### KIN 33C: Walk, Run For Fitness - Level 3

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

A program of walking and/or running designed to improve cardiovascular fitness and strengthen the muscles throughout the body. Emphasis will be on student's exercising at a high (60% - 80% THR) exertion level. This course has the option of a letter grade or pass/no pass. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12173	KIN 33C	Lab	1.0	08:10 am - 09:35 am	TR	HOL-3	Lango, John	24
<i>Above class meets at the Hollister Briggs site.</i>								

### KIN 61A: Swim for Fitness - Level 1

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

Designed to develop endurance and improve swimming skills in order to work on one's cardiovascular fitness. Includes use of the dolphin kick and alternate breathing. Intermediate swimming ability is recommended. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 61. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12293	KIN 61A	Lab	0.5	04:00 pm - 05:25 pm	TR	GY-POOL	Espinosa, Ricardo	24
<i>10/16/2023 - 12/16/2023</i>								

### KIN 61B: Swim for Fitness - Level 2

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

Designed to improve endurance in order to maintain one's cardiovascular fitness. Includes use of streamlining and flip turns. Intermediate swimming ability is recommended. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 61. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12294	KIN 61B	Lab	0.5	04:00 pm - 05:25 pm	TR 10/16/2023 - 12/16/2023	GY-POOL	Espinosa, Ricardo	24

### KIN 61C: Swim for Fitness - Level 3

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

Designed to provide the student with a lap swimming experience to maintain their physical fitness. Intermediate swimming ability is recommended. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 61. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12295	KIN 61C	Lab	0.5	04:00 pm - 05:25 pm	TR 10/16/2023 - 12/16/2023	GY-POOL	Espinosa, Ricardo	24

### KIN 64A: Individualized Cardiovascular Fitness - Level 1

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

An open laboratory for those who desire an individualized cardiovascular fitness training program of moderate exertion using the FITTE principles. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 64. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10923	KIN 64A	Lab	1.0			GY-FITCNTR	Andrade, Neal	3
11650	KIN 64A	Lab	0.5			GY-FITCNTR	Andrade, Neal	18

### KIN 64B: Individualized Cardiovascular Fitness - Level 2

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

An open laboratory for those who desire an intermediate level fitness program utilizing an individualized cardiovascular training approach. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 64. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10926	KIN 64B	Lab	1.0			GY-FITCNTR	Andrade, Neal	3
11651	KIN 64B	Lab	0.5			GY-FITCNTR	Andrade, Neal	18

### KIN 64C: Individualized Cardiovascular Fitness - Level 3

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

An open laboratory for those who desire an individualized cardiovascular fitness training program of high intensity activities using the FITTE principles. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 64. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10931	KIN 64C	Lab	1.0			GY-FITCNTR	Andrade, Neal	3
11652	KIN 64C	Lab	0.5			GY-FITCNTR	Andrade, Neal	18

### KIN 64D: Individualized Cardiovascular Fitness - Level 4

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

An open laboratory for those who desire an individualized cardiovascular fitness program utilizing the FITTE principles. High intensity training programs such as stage training and circuit training will be included. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 64. Courses should be taken in sequential order.



CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10934	KIN 64D	Lab	1.0			GY-FITCNTR	Andrade, Neal	3
11653	KIN 64D	Lab	0.5			GY-FITCNTR	Andrade, Neal	18

### KIN 74A: Hiking - Level 1

Transferable: CSU; GAV-GE:E1

Introduces the Santa Clara and San Benito County parks, trails, and surrounding areas. Includes fun hikes which average 4-6 miles on easy to moderate terrain. This course has the option of a letter grade or pass/no pass. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11851	KIN 74A	Lab	1.0	08:10 am - 11:00 am	F	GY-GYM	Sanchez, Robert	11

the first class meets at the gym, this class will meet off campus after that.

Ilearn will be used for schedule and communication.

### KIN 74B: Hiking - Level 2

Transferable: CSU; GAV-GE:E1

Introduces the Santa Clara and San Benito County parks, trails, and surrounding areas. Includes fun, challenging hikes which average 6-8 miles on moderate to steep terrain. This course has the option of a letter grade or pass/no pass. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11852	KIN 74B	Lab	1.0	08:10 am - 11:00 am	F	GY-GYM	Sanchez, Robert	11

the first class meets at the gym, this class will meet off campus after that.

Ilearn will be used for schedule and communication

### KIN 83A: Karate - Beginning

Transferable: CSU

An introduction to the beginning skills and techniques of Japanese Karate. Emphasis will be on the fundamentals of martial arts, including safety skills and etiquette and the basics of kicking, punching, and blocking, with a focus on Kata forms. This course has the option of a letter grade or pass/no pass. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11848	KIN 83A	Lab	1.0	08:10 am - 09:25 am	TR	GY-GYM	Ploke, Irving	10

### KIN 83B: Karate - Intermediate

Transferable: CSU

This course covers the intermediate level skills and techniques of Japanese Karate. Emphasis will be on the intermediate level skills of martial arts, including kicking, punching, blocking and stances as well as intermediate level Kata forms. This course has the option of a letter grade or pass/no pass. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11849	KIN 83B	Lab	1.0	08:10 am - 09:25 am	TR	GY-GYM	Ploke, Irving	10

### KIN 83C: Karate - Advanced

Transferable: CSU

This course covers the advanced level skills and techniques of Japanese Karate. Emphasis will be on the advanced level skills of martial arts, including kicking, punching, striking, blocking, and combinations as well as advanced level Kata forms. This course has the option of a letter grade or pass/no pass. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11850	KIN 83C	Lab	1.0	08:10 am - 09:25 am	TR	GY-GYM	Ploke, Irving	10

### KIN 87: Indoor Soccer

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

Coeducational activity designed for all skill levels. Instruction will be provided in individual and team indoor soccer skills and strategies. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12176	KIN 87	Lab	1.0	08:10 am - 09:25 am	MW	GY-GYM	Andrade, Neal	1

### KIN 125A: Soccer - Beginning

Transferable: CSU, UC; GAV-GE:E1

Coeducational activity designed for beginning soccer students. Includes the basic skills and rules. This course has the option of a letter grade or pass/no pass. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12174	KIN 125A	Lab	1.0	09:10 am - 12:05 pm	S	ATHFLD-SOCCER	Alejo, Javier	13

### KIN 125B: Soccer - Intermediate

Transferable: CSU, UC; GAV-GE:E1

Coeducational activity designed for intermediate soccer students. This course provides the student with the opportunity to refine and perfect their basic soccer skills and to master the individual positions. This course has the option of a letter grade or pass/no pass. Courses should be taken in sequential order.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12175	KIN 125B	Lab	1.0	09:10 am - 12:05 pm	S	ATHFLD-SOCCER	Alejo, Javier	13

## MATHEMATICS

### MATH 1A: Single-Variable Calculus and Analytic Geometry

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

A first course in differential and integral calculus of a single variable covering limits and continuity, analyzing the behavior and graphs of functions, derivatives, implicit differentiation, higher order derivatives, related rates and optimization problems, Newton's Method, Fundamental Theorem of Calculus, and definite and indefinite integrals. (C-ID MATH 210) PREREQUISITE: Mathematics 8B or Mathematics 11 with a grade of 'C' or better, or high school Precalculus with a grade of 'B' or better completed within the last five years, or equivalent skills.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10083	MATH 1A	Lec	4.0	12:55 pm - 02:10 pm	MW	PS-105	Wagman, Kenneth	8

This is a hybrid course. All classes meet on the listed days and times. Each week, two class sessions meet on-campus and the third class session meets online. Go to [ilearn.gavilan.edu](https://ilearn.gavilan.edu) to begin.

Students are encouraged to take Math 219, CRN 80382, offered Mon - Fri, August 14-18 from 9:00-12:20 and 12:50-4:10 in MA101. This class will review math skills needed to be successful in Calculus I, II and III.

"STEM Majors enrolling in this class are eligible to join the STEM Academy, a program that provides comprehensive supports to STEM majors. For more information and to apply, go to [www.gavilan.edu/stem](https://www.gavilan.edu/stem) and click on the STEM academy link, or contact Marla Dresch at [mdresch@gavilan.edu](mailto:mdresch@gavilan.edu)."

MATH 1A	Online 	12:55 pm - 02:10 pm	F	ONLINE-LIVE	Wagman, Kenneth
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10084	MATH 1A	Lec	4.0	08:10 am - 09:25 am	MW	PS-102	Butler, Marla	24
<p>This is a hybrid course. All classes meet on the listed days and times. Each week, two class sessions meet on-campus and the third-class session meets online. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin.</p> <p>Students are encouraged to take Math 219, CRN 80382, offered Mon - Fri, August 14-18 from 9:00-12:20 and 12:50-4:10 in MA101. This class will review math skills needed to be successful in Calculus I, II and III.</p> <p>STEM Majors enrolling in this class are eligible to join the STEM Academy, a program that provides comprehensive supports to STEM majors. For more information and to apply, go to <a href="http://www.gavilan.edu/stem">www.gavilan.edu/stem</a> and click on the STEM academy link, or contact Marla Dresch at <a href="mailto:mdresch@gavilan.edu">mdresch@gavilan.edu</a>.</p> <p>Students enrolling in this class will have the option of attending a supporting workshop that will meet after class on Monday from 9:30-10:30. Location TBA</p>								
	MATH 1A	Online 		08:10 am - 09:25 am	F	ONLINE-LIVE	Butler, Marla	

11112	MATH 1A	Lec	4.0	11:20 am - 01:25 pm	TR	MA-103	Dharia, Sejal	9
<p>This course is IN PERSON. See the legend for more information.</p> <p>Students are encouraged to take Math 219, CRN 80382, offered Mon - Fri, August 14-18 from 9:00-12:20 and 12:50-4:10 in MA101. This class will review math skills needed to be successful in Calculus I, II and III."</p> <p>STEM Majors enrolling in this class are eligible to join the STEM Academy, a program that provides comprehensive supports to STEM majors. For more information and to apply, go to <a href="http://www.gavilan.edu/stem">www.gavilan.edu/stem</a> and click on the STEM academy link, or contact Marla Dresch at <a href="mailto:mdresch@gavilan.edu">mdresch@gavilan.edu</a>.</p>								

### MATH 1B: Single-Variable Calculus and Analytic Geometry

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4


A second course in differential and integral calculus of a single variable covering methods of integration, applications of the integral, differential equations, parametric and polar equations, and sequences and series. (C-ID: MATH 220, MATH 900S: Math 1A + Math 1B) PREREQUISITE: Mathematics 1A with a grade of 'C' or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10085	MATH 1B	Lec	4.0	06:00 pm - 08:05 pm	MW	LS-101	Wolff, Leonard	20
<p>This course is IN PERSON. See the legend for more information.</p> <p>Students are encouraged to take Math 219, CRN 80382, offered Mon - Fri, August 14-18 from 9:00-12:20 and 12:50-4:10 in MA101. This class will review math skills needed to be successful in Calculus I, II and III.STEM Majors enrolling in this class are eligible to join the STEM Academy, a program that provides comprehensive supports to STEM majors. For more information and to apply, go to <a href="http://www.gavilan.edu/stem">www.gavilan.edu/stem</a> and click on the STEM academy link, or contact Marla Dresch at <a href="mailto:mdresch@gavilan.edu">mdresch@gavilan.edu</a>.</p>								

### MATH 1C: Multivariable Calculus

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4


A standard third semester Calculus course covering functions of several variables, vectors, surfaces, vector-valued functions, partial derivatives, multiple and line integrals, Green's Theorem, Stokes' Theorem, and the Divergence Theorem. PREREQUISITE: Mathematics 1B with a grade of 'C' or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10086	MATH 1C	Lec	4.0	12:55 pm - 02:10 pm	MW	LS-101	Butler, Marla	6
<p>This is a hybrid course. All classes meet on the listed days and times. Each week, two class sessions meet on-campus and the third class session meets online. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin.</p> <p>Students are encouraged to take Math 219, CRN 80382, offered Mon - Fri, August 14-18 from 9:00-12:20 and 12:50-4:10 in MA101. This class will review math skills needed to be successful in Calculus I, II and III.STEM Majors enrolling in this class are eligible to join the STEM Academy, a program that provides comprehensive supports to STEM majors. For more information and to apply, go to <a href="http://www.gavilan.edu/stem">www.gavilan.edu/stem</a> and click on the STEM academy link, or contact Marla Dresch at <a href="mailto:mdresch@gavilan.edu">mdresch@gavilan.edu</a>.</p>								
	MATH 1C	Online 		12:55 pm - 02:10 pm	F	ONLINE-LIVE	Butler, Marla	

## MATH 5: Introduction to Statistics

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

Descriptive analysis and presentation of either single-variable data or bivariate data, probability, probability distributions, normal probability distributions, sample variability, statistical inferences involving one and two populations, analysis of variance, linear correlation and regression analysis. Statistical computer software will be extensively integrated as a tool in the description and analysis of data. The instructor will be using and supporting a TI-83 Plus graphing calculator in all classroom demonstrations. (C-ID: MATH 110) PREREQUISITE: MATH 233, or MATH 240, or MATH 233A and MATH 233B, or MATH 242 with a grade of 'C' or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10120	MATH 5	Lec	3.0	11:20 am - 12:45 pm	TR	PS-105	Bunting, Benjamin	10
This course is IN PERSON. See the legend for more information. Students enrolled in this section of Math 5 must be concurrently enrolled in Math 215 (CRN 11123).								
	MATH 5	Lab		09:00 am - 09:50 am	F	MA-101	Bunting, Benjamin	
10122	MATH 5	Lec	3.0	08:10 am - 09:35 am	MW	LS-101	Potter, Raylene	1
This course is HYBRID. See the legend for more information.								
	MATH 5	Online 				ONLINE	Potter, Raylene	
11056	MATH 5	Lec	3.0	09:45 am - 11:10 am	TR	HOL-2	Wills, Linda	10
This course is IN PERSON. See the legend for more information.								
	MATH 5	Lab		11:20 am - 12:10 pm	R	HOL-3	Wills, Linda	
Above class meets at the Hollister Briggs site.								
12261	MATH 5	Lec	3.0	09:45 am - 11:10 am	TR	PS-105	Bunting, Benjamin	14
	MATH 5	Lab		08:45 am - 09:35 am	R	MA-101	Bunting, Benjamin	

## MATH 6: Calculus for Business and Social Science

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

This course applies the fundamental principles and techniques of calculus to problems in business, economics, the life sciences and the social sciences. Topics will include limits, and differentiation and integration of linear, quadratic, polynomial, exponential and logarithmic functions. This course is not intended for students majoring in engineering, the physical sciences or math. Using a calculator is required. Graphing calculator is recommended. (C-ID: MATH 140) PREREQUISITE: Skills equivalent to intermediate algebra or appropriate placement.



CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11864	MATH 6	Lec	3.0	08:10 am - 09:35 am	TR	LS-101	Potter, Raylene	7
This course is IN PERSON. See the legend for more information. Students enrolled in this section of Math 6 are strongly encouraged to enroll in Math 216 (CRN 12124).								

## MATH 8A: First Half of Precalculus

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

Math 8A prepares the student for the study of calculus by providing important skills in algebraic interpretation, and problem solving at the college level. Topics will include basic algebraic concepts, complex numbers, equations and inequalities of the first and second degree, functions, and graphs, linear and quadratic equations, polynomial functions, exponential and logarithmic functions, systems of equations, and matrices. PREREQUISITE: Mathematics 240 with a grade of 'C' or better or skills equivalent to those in an Intermediate Algebra course or appropriate placement.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10138	MATH 8A	Lec	4.0	06:00 pm - 08:05 pm	TR	SS-206	Tyuleneva, Svetlana	10
This course is IN PERSON. See the legend for more information.								

10140	MATH 8A	Lec	4.0	12:55 pm - 02:10 pm	MW	SS-206	Tyuleneva, Svetlana	11
This is a hybrid course. All classes meet on the listed days and times. Each week, two class sessions meet on-campus and the third class session meets online. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin.								
	MATH 8A	Online 		12:55 pm - 02:10 pm	F	ONLINE-LIVE	Tyuleneva, Svetlana	
11962	MATH 8A	Lec	4.0	09:45 am - 11:00 am	MWR	SS-206	Dachkova, Elena	8
This course is IN PERSON. See the legend for more information. Students enrolled in this section of Math 8A must be concurrently enrolled in Math 218 (CRN 11131). "STEM Majors enrolling in this section of Math 8A are eligible to join the STEM Academy, a program that provides comprehensive supports to STEM majors. For more information and to apply, go to <a href="http://www.gavilan.edu/stem">www.gavilan.edu/stem</a> and click on the STEM academy link, or contact Marla Dresch at <a href="mailto:mdresch@gavilan.edu">mdresch@gavilan.edu</a> ."								
12233	MATH 8A	Lec	4.0	12:55 pm - 02:10 pm	MW	LS-106	Dachkova, Elena	20
This is a HYBRID course. All classes meet on the listed days and times. Each week, two class sessions meet on-campus and the third-class session meets online. Students enrolled in this section of Math 8A must be concurrently enrolled in Math 218 (CRN 12234). STEM Majors enrolling in this section of Math 8A are eligible to join the STEM Academy, a program that provides comprehensive supports to STEM majors. For more information and to apply, go to <a href="http://www.gavilan.edu/stem">www.gavilan.edu/stem</a> and click on the STEM academy link, or contact Marla Dresch at <a href="mailto:mdresch@gavilan.edu">mdresch@gavilan.edu</a> .								
	MATH 8A	Online 		12:55 pm - 02:10 pm	F	ONLINE-LIVE	Dachkova, Elena	

### MATH 8B: Second Half of Precalculus

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

Math 8B prepares students for the study of calculus by providing important skills in algebraic manipulation, interpretation, and problem solving at the college level. Topics will include trigonometric functions, identities, inverse trigonometric functions, and equations; applications of trigonometry, vectors, complex numbers, polar and parametric equations; sequences, series, and mathematical induction; conic sections. PREREQUISITE: Mathematics 8A with a grade of 'C' or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10143	MATH 8B	Lec	4.0	06:00 pm - 08:05 pm	MW	SS-206	Tyuleneva, Svetlana	26
This course is IN PERSON. See the legend for more information.								

### MATH 11: Integrated Precalculus

Transferable: CSU; CSU-GE:B4, IGETC:2A, GAV-GE:B4

Math 11 is a blend of Math 8A and 8B Precalculus classes. Math 11 prepares students for the study of calculus by providing important skills in algebraic manipulation, interpretation, and problem solving at the college level. Topics will include basic algebraic concepts, complex numbers, equations and inequalities of the first and second degree, functions and graphs, linear and quadratic equations, polynomial functions, exponential and logarithmic functions, systems of equations, matrices and determinants, trigonometric functions, identities, inverse trigonometric functions, applications of trigonometry, vectors, polar and parametric equations, sequences, series, conic sections, and mathematical induction. PREREQUISITE: Mathematics 240 with a grade of 'C' or better, or appropriate placement.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11706	MATH 11	Lec	8.0	09:00 am - 11:05 am	MTR	MA-103	Wagman, Kenneth	29
This is a hybrid course. All classes meet on the listed days and times. Each week, three class sessions meet on-campus and one class sessions meet online. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin. "STEM Majors enrolling in this section of Math 11 are eligible to join the STEM Academy, a program that provides comprehensive supports to STEM majors. For more information and to apply, go to <a href="http://www.gavilan.edu/stem">www.gavilan.edu/stem</a> and click on the STEM academy link, or contact Marla Dresch at <a href="mailto:mdresch@gavilan.edu">mdresch@gavilan.edu</a> ."								
	MATH 11	Online 		09:00 am - 11:05 am	F	ONLINE-LIVE	Wagman, Kenneth	

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## MATH 12: Mathematics for Elementary Teachers

Transferable: CSU, UC; CSU-GE:B4, GAV-GE:B4

This course is intended for students preparing for a career in elementary school teaching. Emphasis will be on the structure of the real number system, numeration systems, elementary number theory, and problem solving techniques. Technology will be integrated throughout the course. PREREQUISITE: High School Geometry and Math 240 (Algebra 2) or Math 242 (Algebra for Statistics) or skills equivalent to Intermediate Algebra. All courses must be completed with a grade of 'C' or better.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10082	MATH 12	Online 	3.0	02:30 pm - 03:55 pm	M	ONLINE-LIVE	Shukla, Neelam	24
This is a hybrid course. All classes meet on the listed days and times. Each week, one class session meets on-campus and one class session meets online. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin.								
	MATH 12	Lec		02:30 pm - 03:55 pm	W	SS-206	Shukla, Neelam	

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## MATH 14: Math for the Liberal Arts

Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

Survey of selected topics from contemporary mathematics to introduce the liberal arts student to a variety of mathematical ideas, methods and historical trends. Topics include systems of numeration, logic, set theory, mathematical modeling, geometry, trigonometry, mathematics of finance, probability and statistics. PREREQUISITE: Math 240 or Math 242 with a grade of 'C' or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11113	MATH 14	Lec	3.0	02:00 pm - 03:25 pm	R	LS-106	Dachkova, Elena	16
This is a hybrid course. All classes meet on the listed days and times. Each week, one class session meets on-campus, and one class session meets online. Go to <a href="https://ilearn.gavilan.edu">ilearn.gavilan.edu</a> to begin.								
	MATH 14	Online 		02:00 pm - 03:25 pm	T	ONLINE-LIVE	Dachkova, Elena	

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## MATH 215: Statistics Support

A review of the core prerequisite skills needed for Math 5: Introduction to Statistics. Intended for students who are concurrently enrolled in Math 5: Introduction to Statistics at Gavilan College. The course will focus on core concepts from Algebra and Statistics that are needed to support success in transfer-level Statistics. Topics include operations on real numbers including order of operations, fractions, decimals, percentages, exponents and logarithms, correct selection and implementation of statistical formulas, review of the Cartesian coordinate system and written interpretation of slope and intercept of linear equations, exploratory analysis of categorical, quantitative, single variable and bivariate data, discrete and normal probability, support for graphing calculator usage and for statistical software. This course is appropriate for students confident in beginning algebra who need support for intermediate algebra skills essential for statistics. This course is Pass/No Pass only. Non-degree applicable. Prerequisite: Appropriate placement. Corequisite: Math 5: Introduction to Statistics.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11123	MATH 215	Lec	2.0	10:00 am - 12:05 pm	F	MA-103	Bunting, Benjamin	10
This course is IN PERSON. See the legend for more information. Students enrolled in this section of Math 215 must be concurrently enrolled in Math 5 (CRN 10120).								

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## MATH 216: Business Calculus Support

A review of the core prerequisite skills needed in business calculus. Intended for students who are concurrently enrolled in Math 6: Calculus for Business, Economics, and Social Sciences at Gavilan College. Topics include the following: polynomial, rational and radical expressions and equations, linear and quadratic equations and inequalities, exponential and logarithmic expressions and equations, functions, and graphs of linear, quadratic, exponential, and logarithmic functions. This course is appropriate for students who are confident in their graphing and beginning algebra skills. This course is Pass/No Pass only. Non-degree applicable. Prerequisite: Appropriate placement. Corequisite: Math 6: Calculus for Business, Economics, and Social Sciences.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12124	MATH 216	Lec	2.0	09:45 am - 12:05 pm	R	LS-101	Potter, Raylene	31
This course is IN PERSON. See the legend for more information. Math 216 is STRONGLY RECOMMENDED for students enrolled in Math 6.								

### MATH 218: Precalculus Support

A review of the core prerequisite skills, competencies, and concepts needed in Math 8A: First Half of Precalculus. Intended for STEM majors who are concurrently enrolled in MATH 8A: First Half of Precalculus, at Gavilan College. Topics include: a review of computational skills developed in intermediate algebra, factoring, operations on rational and radical expressions, absolute value equations and inequalities, exponential and logarithmic expressions and equations, and an in-depth focus on functions including composition, inverses and graphs. This course is appropriate for students who are confident in their graphing and beginning algebra skills. This course is Pass/No Pass only. Non-degree applicable. Prerequisite: Appropriate placement. Corequisite: Math 8A: First Half of Precalculus.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11131	MATH 218	Lab	1.0	11:20 am - 12:45 pm	MW	SS-206	Dachkova, Elena	8
This course is IN PERSON. See the legend for more information. Students enrolled in this section of Math 218 must be concurrently enrolled in Math 8A(CRN 11962).								

12234	MATH 218	Lab	1.0	02:20 pm - 03:45 pm	MW	LS-106	Dachkova, Elena	20
This course is IN PERSON. See the legend for more information. Students enrolled in this section of Math 218 must be concurrently enrolled in Math 8A (CRN 12233).								

### MATH 412A: Math Refresher Part 1

An intensive math course designed to be a refresher for students who wish to review fundamental math concepts to get the support in the current class. The primary focus is on operations with whole numbers, fractions, decimals and percentages. This is a pass/no course. Units earned in this class do not count towards an Associate's Degree or certain certificate requirements.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11977	MATH 412A	Lec	0.5	04:00 pm - 07:50 pm	F	MA-102	Dachkova, Elena	2
This course is IN PERSON. See the legend for more information. Math 412A is STRONGLY RECOMMENDED for students enrolled in Math 11.								
	MATH 412A	Lec		10:00 am - 02:50 pm	S	MA-102	Dachkova, Elena	
9/29/2023 - 9/30/2023								

### MATH 412B: Math Refresher Part 2

An intensive math course designed to be a refresher for students who wish to review fundamental math concepts to get the support in the current class. The primary focus is on operations with percentages, proportions, equations, and text problems. This is a pass/no course. Units earned in this class do not count towards an Associate's Degree or certain certificate requirements.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11979	MATH 412B	Lec	0.5	04:00 pm - 07:50 pm	F	MA-102	Dachkova, Elena	FULL
This course is IN PERSON. See the legend for more information. Math 412A is STRONGLY RECOMMENDED for students enrolled in Math 11.								
	MATH 412B	Lec		10:00 am - 02:50 pm	S	MA-102	Dachkova, Elena	
10/20/2023 - 10/21/2023								


## MUSIC

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### MUS 3A: Harmony/Theory/Musicianship I

Transferable: CSU, UC; CSU-GE:C1, GAV-GE:C1

Fundamentals of music, beginning harmony. (C-ID: MUS 120) MUS 3A, 3B, 3C and 3D must be taken in sequence.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10612	MUS 3A	Lec	4.0	02:00 pm - 03:25 pm	TR	MU-101	Behroozi, Dahv eed	16
For lab meeting, students will divide into 2 groups: 3A/3B AND 3C/3D. Instructor will meet with assigned group on Tuesdays and Thursdays.								
	MUS 3A	Online 				ONLINE	Behroozi, Dahv eed	

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### MUS 3B: Harmony, Theory, Musicianship II

Transferable: CSU, UC; GAV-GE:C1

Continuation of Music 3A. Fundamentals of music, intermediate harmony, and musicianship. Introduction to counterpoint. (C-ID: MUS 130) MUS 3A, 3B, 3C and 3D must be taken in sequence. PREREQUISITE: MUS 3A.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10615	MUS 3B	Lec	4.0	02:00 pm - 03:25 pm	TR	MU-101	Behroozi, Dahv eed	16
For lab meeting, students will divide into 2 groups: 3A/3B AND 3C/3D. Instructor will meet with assigned group on Tuesdays and Thursdays.								
	MUS 3B	Online 				ONLINE	Behroozi, Dahv eed	

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### MUS 3C: Harmony, Theory, Musicianship III

Transferable: CSU, UC; GAV-GE:C1

Continuation of Music 3AB. Chromatic harmony, analysis and composition. MUS 3A, 3B, 3C and 3D must be taken in sequence. (C-ID: MUS 140) PREREQUISITE: Music 3B


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10618	MUS 3C	Lec	4.0	02:00 pm - 03:25 pm	TR	MU-101	Behroozi, Dahv eed	16
For lab meeting, students will divide into 2 groups: 3A/3B AND 3C/3D. Instructor will meet with assigned group on Tuesdays and Thursdays.								
	MUS 3C	Online 				ONLINE	Behroozi, Dahv eed	

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### MUS 4A: Beginning Piano

Transferable: CSU, UC; CSU-GE:C1, GAV-GE:C1

Introduction to music fundamentals and keyboard technique. Development of beginning keyboard skills including note reading in bass and treble clef, fingering, rhythm, key signatures, primary chords and inversions. ADVISORY: Must be taken in sequence. This course offered as a hybrid course.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10682	MUS 4A	Online 	3.0			ONLINE	Amirkhanian, Maria	3
Class is hybrid. Online portion will meet asynchronous. Class will meet once a week for face to face lab. Online lab options are available for students who don't feel comfortable meeting face to face.								
	MUS 4A	Lab		09:45 am - 11:10 am	MW	MU-102	Amirkhanian, Maria	

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### MUS 4B: Beginning Piano

Transferable: CSU, UC; GAV-GE:C1

Continuation of Music 4A. Introduction to music fundamentals and keyboard technique. Development of beginning keyboard skills including note reading in bass and treble clef, fingering, rhythm, key signatures, primary chords and inversions. ADVISORY: Music 4A or instructor recommendation. Student must be able to demonstrate knowledge of material covered in Mus4A.




CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10630	MUS 4B	Lec	2.0	09:45 am - 11:10 am	TR	MU-102	Amirkhanian, Maria	3
	MUS 4B	Online 				ONLINE	Amirkhanian, Maria	

### MUS 5A: Intermediate Piano

Transferable: CSU, UC; GAV-GE:C1

Development of intermediate keyboard skills through means of scales, chords, and technical studies. Continuation of music fundamentals and beginning keyboard harmony; introduction of easier classical and standard piano literature. ADVISORY: Music 4B or instructor recommendation. Student must demonstrate knowledge of material covered in Mus 4B.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10624	MUS 5A	Lec	2.0	09:45 am - 11:10 am	TR	MU-102	Amirkhanian, Maria	3
	MUS 5A	Online 				ONLINE	Amirkhanian, Maria	

### MUS 5C: Advanced Piano

Transferable: CSU, UC; GAV-GE:C1

Development of advanced keyboard skills through means of scales, chords and technical studies. Continuation of music fundamentals and keyboard harmony; introduction of moderately difficult classical and standard piano literature. ADVISORY: Music 5B or instructor recommendation. Student must demonstrate knowledge on material covered in Mus 5B.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10640	MUS 5C	Lec	2.0	09:45 am - 11:10 am	TR	MU-102	Amirkhanian, Maria	3
	MUS 5C	Online 				ONLINE	Amirkhanian, Maria	

### MUS 5D: Advanced Piano

Transferable: CSU, UC; GAV-GE:C1

Development of advanced keyboard skills through means of scales, chords and technical studies. Continuation of music fundamentals and keyboard harmony; introduction of moderately difficult classical and standard piano literature. ADVISORY: Music 5C or instructor recommendation. Student must demonstrate knowledge of material covered in MUS 5C.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11996	MUS 5D	Lec	2.0	09:45 am - 11:10 am	TR	MU-102	Amirkhanian, Maria	3
	MUS 5D	Online 				ONLINE	Amirkhanian, Maria	

### MUS 11A: Applied Music, Piano

Transferable: CSU, UC

Individual studio instruction in piano for the development of performance skills. Each week students will take individual lessons and complete an on-campus practice appropriate for the number of units taken. Additionally, each semester students will perform at least once for a juried performance for a faculty committee as a final exam. Designed for Music majors who are able to perform at college level. May be taken for a maximum total of 2 units. (C-ID: MUS 160) ADVISORY: Concurrent enrollment in MUS 3A, MUS 3B, MUS 3C or MUS 3D.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12142	MUS 11A	Lab	0.5	11:20 am - 12:45 pm	W	MU-102	Amirkhanian, Maria	1
12262	MUS 11A	Lab	0.5	11:20 am - 12:45 pm	T	MU-102	Amirkhanian, Maria	1

### MUS 12: Vocal Ensemble

Transferable: CSU, UC; GAV-GE:C1

The Vocal Ensemble class will focus on popular and alternative commercial music and will include rehearsals with individual and group performances with a backup band. The evening Vocal Ensemble will study, rehearse and perform choral music in a broad spectrum of musical genres and styles. Included will be the study of vocal and rehearsal techniques as they relate to ensemble performance.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12135	MUS 12	Lab	1.0	04:00 pm - 05:25 pm	TR	MU-101	Behroozi, Dahv eed	7

### MUS 14: Instrumental Ensemble

Transferable: CSU; GAV-GE:C1

Instruction for the experienced musician with emphasis on the study and performance of a wide variety of musical styles from Renaissance to 20th Century music for traditional ensembles, and extensive consideration of contemporary commercial and alternative repertoire, and performance techniques for popular ensembles. This course was previously listed as MUS 14A. (C-ID: MUS 180)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12136	MUS 14	Lab	1.0	04:00 pm - 05:25 pm	TR	MU-101	Behroozi, Dahv eed	7

## PHILOSOPHY

### PHIL 1: Introduction to Philosophy

Transferable: CSU, UC; CSU-GE:C2, IGETC:3B, GAV-GE:C2

Philosophy 1 is intended as a survey of the major areas and traditions of philosophy. The course examines central and significant questions about the meaning of life, who determines what is morally right or wrong, the ideal society, the various notions social justice, what is reality, and many other ideas. In pursuing these questions, students will be asked to read texts from writers around the world, both contemporary and ancient, discuss current events, and apply 'theory' to movies such as "The Matrix" trilogy, novels, and any other relevant application of the student's own choice. (C-ID: PHIL 100) ADVISORY: Eligible for English 1A.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10623	PHIL 1	Lec	3.0	09:45 am - 11:10 am	TR	HU-105	Ramirez, Jesus	7

### PHIL 4: Critical Thinking and Writing

Transferable: CSU, UC; CSU-GE:A3, IGETC:1B, GAV-GE:C2

This course is designed to introduce the relationship between critical thinking and critical writing in a way that will be both enjoyable to the student and helpful in other aspects of life. The student will learn techniques of critical thinking, paying close attention to the current events, movies and popular media, music lyrics, as well as the textbook. Students will learn to identify deductive and inductive arguments and be able to evaluate their strength, create a strong argument of their own on a given topic, as well become experts in the area of critical analysis. The goal is to enable students to become strong, well informed, articulate members of the community as well as individuals with an empowered sense of self as an agent of change. Students will write a minimum of 6,000 words. PREREQUISITE: English 1A

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10631	PHIL 4	Lec	3.0	09:45 am - 11:10 am	MW	CDC-100	Ramirez, Jesus	5

## PHYSICAL EDUCATION - ADAPTED

### APE 34: Adapted Aquatic Exercise

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

This course is designed to help individuals who by the nature of their disability such as wheelchair use, back injury, cardiovascular impairment, multiple sclerosis or other disabling condition require a specific aquatic exercise program that will contribute to their physical fitness. May be repeated as necessary based on measurable progress as documented in the student's educational contract. This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11659	APE 34	Lab	1.0	09:45 am - 11:10 am	MW	GY-POOL	Lopez, Eric	FULL

### APE 35: Adapted Swimming for Total Fitness

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

An individualized program of activities designed for students with physical disabilities to improve flexibility and range-of-motion, increase joint movement, improve circulation, and improve control of body movement through water adjustment and activities. May be repeated as circulation, and improve control of body movement through water adjustment and activities. May be repeated as necessary based on measurable progress as documented in the AAP (Accessible Accommodation Plan). This course has the option of a letter grade or pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12085	APE 35	Lab	1.0	11:20 am - 12:45 pm	TR	GY-POOL	Lopez, Eric	FULL

### APE 38: Adapted Cardiovascular Conditioning and Training

Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

An individualized program of adapted physical education activities designed to meet the needs of students with physical disabilities. Develops an appreciation of physical activity as a regular planned contribution to one's overall fitness. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This course has the option of a letter grade or pass/no pass

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12082	APE 38	Lab	1.0	08:10 am - 09:35 am	TR	APE-108	Lopez, Eric	1

### APE 534: Adapted Aquatic Exercise

This course is designed to help individuals who by the nature of their disability such as wheelchair use, back injury, cardiovascular impairment, multiple sclerosis or other disabling condition require a specific aquatic exercise program that will contribute to their physical fitness. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan (AAP). This is a pass/no pass course.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11661	APE 534	Lab	1.0	09:45 am - 11:10 am	MW	GY-POOL	Lopez, Eric	FULL
11662	APE 534	Lab	1.0	11:20 am - 12:45 pm	MW	GY-POOL	Lopez, Eric	FULL

### APE 535: Adapted Swimming for Total Fitness

An individualized program of activities designed for students with physical disabilities to improve flexibility and range-of-motion, increase joint movement, improve circulation, and improve control over body movement through water adjustment and activities. Develops an appreciation of physical activity as a regular planned contribution to one's overall fitness. May be repeated as necessary based on measurable progress as documented in the Academic Accommodation Plan(AAP). This course is pass/no pass.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11664	APE 535	Lab	1.0	09:45 am - 11:10 am	TR	GY-POOL	Lopez, Eric	5
11665	APE 535	Lab	1.0	11:20 am - 12:45 pm	TR	GY-POOL	Lopez, Eric	FULL
12086	APE 535	Lab	1.0	12:55 pm - 02:20 pm	TR	GY-POOL	Lopez, Eric	3

### APE 538: Adapted Cardiovascular Conditioning and Training

An individualized program of adapted exercises in weight training, stretching and cardiovascular conditioning for those individuals who have been disabled through stroke, cardiovascular accident, arthritis, multiple sclerosis, or other condition. May be repeated as necessary based on measurable progress as documented in the Academic Accommodation Plan. This is a pass/no pass course.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12083	APE 538	Lab	1.0	08:10 am - 09:35 am	TR	APE-101	Lopez, Eric	1

## PHYSICS

### PHYS 2A: General Physics I

Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A, 5C, GAV-GE:B1, B3

An introduction to the principles of physics using algebra and trigonometry. Topics include kinematics in one and two dimensions, vectors, equilibrium and non-equilibrium applications of Newton's Laws, work and energy, momentum, rotational kinematics and dynamics, simple harmonic motion, elasticity, thermal physics, thermodynamics, and waves. PREREQUISITE: MATH 8A. High-school level reading and writing skills strongly recommended. (C-ID: PHYS 105), (C-ID: PHYS 100S: PHYS 2A + PHYS 2B)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10147	PHYS 2A	Online 	4.0			ONLINE	Wamba, Kolo	20
This course is HYBRID. See the legend for more information.								
	PHYS 2A	Lab		11:20 am - 02:30 pm	F	PS-102	Wamba, Kolo	
10148	PHYS 2A	Online 	4.0			ONLINE	Wamba, Kolo	2
This course is HYBRID. See the legend for more information.								
	PHYS 2A	Lab		02:30 pm - 05:40 pm	W	PS-102	Wamba, Kolo	

### PHYS 4B: Physics for Scientists and Engineers - Electricity and Magnetism

Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A, 5C, GAV-GE:B1, B3

An introduction to the principles of physics using calculus. Topics include oscillations, charge, electric fields, Gauss' Law, electric potential, capacitance, current and resistance, circuit analysis, magnetic fields, Ampere's Law, Faraday's Law and Maxwell's equations (C-ID: PHYS 210) (C-ID: PHYS 200S: Phys 4A + Phys 4B + Phys 4C) PREREQUISITE: Completion of PHYS 4A and MATH 1B with grades of 'C' or better. CO-REQUISITE: MATH 1C.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10151	PHYS 4B	Online 	4.0			ONLINE	Argudo, David	1
This course is HYBRID. See the legend for more information.								
	PHYS 4B	Lab		11:20 am - 12:45 pm	MW	PS-102	Argudo, David	

## POLITICAL SCIENCE

### POLS 1: Introduction to American Government

Transferable: CSU, UC; CSU-GE:D, D2, IGETC:4H, 7A, GAV-GE:D1, D2, F, US:2, US:3

Explores the development of American political institutions and their utilization in dealing with issues arising at the international, national and state levels. Emphasis is placed on those problems which have defined our federal system of government. California government and appropriate state institutions will be included as a vital part of our federal system of government. (C-ID: POLS 110)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10203	POLS 1	Lec	3.0	06:00 pm - 09:10 pm	W	SS-210	Estorga, Casey	23
10240	POLS 1	Lec	3.0	09:45 am - 11:10 am	MW	BU-118	Banks, Sonia	5

### POLS 6: Introduction to Conflict Resolution

Transferable: CSU; CSU-GE:D, GAV-GE:D2

Introduction to Conflict Resolution introduces students to non-violent communication skills, conflict resolution, and mediation models. Integrating non-violent theory and practice, students will apply core concepts about the causes of conflict; choose, practice and evaluate communication skills in a variety of settings on campus and in the community; and formulate appropriate conflict resolution strategies based on analysis of varying conflict situations with sensitivity to ethnicity, class, sexuality, and gender influences. They will also develop and practice basic co-mediation skills in formal and informal settings. This course has the option of a letter grade or pass/no pass. This course is also listed as PSYC 6 and CMUN 6

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12034	POLS 6	Lec	3.0	11:20 am - 12:45 pm	T	CDC-110	Andrade, Veronica	15
	POLS 6	Online 				ONLINE	Andrade, Veronica	

## PSYCHOLOGY

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## PSYC 2: Early Child Development

Transferable: CSU, UC; CSU-GE:D, IGETC:4I, GAV-GE:D2, E2

This course examines typical and atypical development within the psychosocial, cognitive, and physical domains from conception through the preschool years. Upon completion of this course, students will be able to evaluate theories and research of child development and effectively apply and communicate their understanding through observation and evaluation. This course is also listed as CD 2. This course has the option of a letter grade or pass/no pass. It is recommended that transfer students consult with an advisor.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12099	PSYC 2	Lec	3.0	09:45 am - 12:55 pm	F	HOL-4	Brown, Randy	13
Above class meets at the Hollister Briggs site.								

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## PSYC 3: Child Growth and Development During the School Years

Transferable: CSU, UC; CSU-GE:D, IGETC:4I, GAV-GE:D2, E2

This course examines typical and atypical development within the psychosocial, cognitive and physical domains from middle childhood through adolescence. Upon completion of this course, students will be able to evaluate theories and research of child development and effectively apply and communicate their understanding through observation and evaluation. This course has the option of a letter grade or pass/no pass. This course is also listed as CD 3. (C-ID: CDEV 100: CD2 + CD3).

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12101	PSYC 3	Lec	3.0	03:45 pm - 06:55 pm	W	OFFSTE-	Flores, Oscar	18
Room 4: North Monterey County High School, High Step Course, designed for grades 9th - 12th, but it is open to all students.								

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## PSYC 5: Self-Assessment and Career Development

Transferable: CSU; CSU-GE:E, GAV-GE:E2

This course is designed to assist the student in learning more about personal values, personality, interests, exploration of career choice, and occupational opportunities through the use of various personal assessment instruments. The delivery options for this course also include online and self-paced formats. This course is also listed as GUID 1.


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11804	PSYC 5						STAFF, S	Cancelled

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## PSYC 6: Introduction to Conflict Resolution

Transferable: CSU; CSU-GE:D, GAV-GE:D2

Introduction to Conflict Resolution introduces students to non-violent communication skills, conflict resolution, and mediation models. Integrating non-violent theory and practice, students will apply core concepts about the causes of conflict; choose, practice and evaluate communication skills in a variety of settings on campus and in the community; and formulate appropriate conflict resolution strategies based on analysis of varying conflict situations with sensitivity to ethnicity, class, sexuality, and gender influences. They will also develop and practice basic co-mediation skills in formal and informal settings. This course has the option of a letter grade or pass/no pass. This course is also listed as POLS 6 and CMUN 6


CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12035	PSYC 6	Lec	3.0	11:20 am - 12:45 pm	T	CDC-110	Andrade, Veronica	15
	PSYC 6	Online 				ONLINE	Andrade, Veronica	

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## PSYC 10: Introduction to Psychology

Transferable: CSU, UC; CSU-GE:D, IGETC:4I, GAV-GE:D2, F

The nature, scope, methods, presuppositions, history, and fields of psychology together with the scientific study of factors influencing human behavior, human development, perception, learning, memory, emotion, personality, frustration, and psychotherapy. This course was previously listed as PSYC 1A. (C-ID: PSY 110)  
ADVISORY: Eligible for English 250 and English 260.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10234	PSYC 10	Lec	3.0	09:45 am - 11:10 am	TR	SS-214	Campilli, Julie	9
10235	PSYC 10	Lec	3.0	09:45 am - 11:10 am	M	SS-205	Pereyra-Pitts, Mariana	5
	PSYC 10	Online 				ONLINE	Pereyra-Pitts, Mariana	
10237	PSYC 10	Lec	3.0	11:20 am - 12:45 pm	MW	HOL-4 <i>Above class meets at the Hollister Briggs site.</i>	Campilli, Julie	13
11253	PSYC 10	Lec	3.0	11:20 am - 12:45 pm	TR	SS-214	Fortino, Frank	1
12140	PSYC 10	Lec	3.0	03:45 pm - 06:55 pm	W	GHS-X10	Sandhu, Pavandeep	6

Room M-15: Gilroy High School, High Step Course, designed for grades 9th - 12th, but it is open to all students.

### PSYC 11: Biological Psychology

Transferable: CSU, UC; CSU-GE:D2, IGETC:4I, GAV-GE:D2

This course stresses the biological basis of behavior including: neuroanatomy, the senses, perception, learning, thinking, and psychological disorders. This course was previously listed as PSYC 1B. (C-ID: PSYC 150) PREREQUISITE: Completion of PSYC 1A or PSYC 10 with a grade of 'C' or better.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10246	PSYC 11	Lec	3.0	09:00 am - 12:10 pm	F	SS-210	Fortino, Frank	8

### PSYC 35: Social Psychology

Transferable: CSU


This course advances the understanding of major principles and findings of social psychology. In this course, students will be introduced to the study of how people think about, influence, and relate to one another. Topics will include perceiving others, influencing others, social intelligence, stereotypes, prejudice, and discrimination, conformity, interpersonal attraction, antisocial behavior, and prosocial behavior. PREREQUISITE: PSYC 10. C-ID: (PSY 170).

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12077	PSYC 35	Lec	3.0	09:45 am - 11:10 am	TR	SS-210	Fortino, Frank	21

### PSYC 45: Abnormal Psychology

Transferable: CSU, UC

This course explores the multidimensional influences on the diagnosis, etiology, and treatment of abnormal patterns of behavior. Traditional psychological models, as well as current research evidence of the reciprocal influences of biology and behavior, are used to study psychopathology. Clinical cases are used to examine life-span and cultural influences on abnormal behavior. PREREQUISITE: PSYC 10. C-ID: (PSY 120).

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12078	PSYC 45	Lec	3.0	11:20 am - 12:45 pm	T	SS-205	Campilli, Julie	23
	PSYC 45	Online 				ONLINE	Campilli, Julie	

## SOCIOLOGY

### SOC 1A: Introduction to Sociology

Transferable: CSU, UC; CSU-GE:D, IGETC:4J, GAV-GE:D2

Analysis of the structure and dynamics of human society focusing on basic concepts, theories and methods; the development of culture; the socialization process; group behavior; social inequality, deviance; sexism, racism, and ageism; major social structures and social institutions; human ecology, and global dynamics. Emphasizes contemporary American society. (C-ID: SOCI 110) ADVISORY: Completion of English 280 or equivalent skill level recommended.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10286	SOC 1A	Lec	3.0	09:45 am - 11:10 am	MW	SS-214	Park, Nicholas	1
12141	SOC 1A	Lec	3.0	03:45 pm - 06:55 pm	T	GHS-X10	Park, Nicholas	7

Room M-15: Gilroy High School, High Step Course, designed for grades 9th - 12th, but it is open to all students.

### SOC 3: Sociology of Race, Ethnicity and Cultural Identity

Transferable: CSU, UC; CSU-GE:D, IGETC:4J, GAV-GE:D2, F

This course is designed to introduce students to the basic sociological concepts and theories of race, ethnicity and cultural identity in U.S. society. Students will examine race, ethnicity and cultural identity as social constructs that permeate social structures and institutions, and how they change over time and space. Over the semester students will critically analyze the ways which race, ethnicity, class, and gender/sexuality continually shape people's lives and experiences. While the class focuses on U.S. societies, students will also critically compare and contrast race and ethnicity in other societies. (C-ID: SOC1 150). Also listed as ETHN 3B.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12012	SOC 3	Lec	3.0	06:00 pm - 09:10 pm	R	HOL-1	Villarreal, Anthony	7




*Above class meets at the Hollister Briggs site.*

## SPANISH

### SPAN 1A: Elementary Spanish

Transferable: CSU, UC; CSU-GE:C2, GAV-GE:C2, F

Beginning course with emphasis on understanding and speaking Spanish; introduction to reading and writing Spanish. This course will also introduce students to Hispanic culture and institutions. This course has the option of a letter grade or pass/no pass. (C-ID: SPAN 100)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10641	SPAN 1A	Lec	5.0	06:00 pm - 07:30 pm	TR	HOL-4	Alnas, Melida	14
	SPAN 1A	Online 				ONLINE	Alnas, Melida	
10642	SPAN 1A	Lec	5.0	11:20 am - 12:30 pm	TR	HU-105	Perez, David	1
	SPAN 1A	Online 				ONLINE	Perez, David	
12224	SPAN 1A	Lec	5.0	08:30 am - 09:40 am	TR	HU-105	Marques, Albert	4
	SPAN 1A	Online 				ONLINE	Marques, Albert	

## THEATRE ARTS

### THEA 1: Theatre History 1

Transferable: CSU, UC; CSU-GE:C1, IGETC:3A, GAV-GE:C1, F

A survey of the history of theatrical performance, production and dramatic literature, including: early Greek, Roman, Asian, the Renaissance, Italian, English, modern European to contemporary American theatre. (C-ID: THTR 113) ADVISORY: Eligible for English 1A.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10673	THEA 1	Lec	3.0	11:20 am - 12:45 pm	TR	TH-125	Mantia, Cherise	10

### THEA 2A: Children's Theatre Repertory

Transferable: CSU; GAV-GE:C1

This course focuses on formal dramatic presentations for child audiences. Activities will include acting, set design, costuming and makeup. May be taken out of sequence. This course has the option of a letter grade or pass/no pass..

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10677	THEA 2A	Lab	3.0	09:40 am - 11:05 am	TR	TH-125	Haehl, John	19
	THEA 2A	Lec		08:45 am - 09:35 am	TR	TH-125	Haehl, John	

### THEA 2B: Children's Theatre Repertory

Transferable: CSU; GAV-GE:C1

Preparation and performance of touring plays for young audiences. Special activities in creative dramatization, improvisation and script development will be studied. May be taken out of sequence.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11302	THEA 2B	Lab	3.0	09:40 am - 11:05 am	TR	TH-125	Haehl, John	19
	THEA 2B	Lec		08:45 am - 09:35 am	TR	TH-125	Haehl, John	

### THEA 4: Oral Interpretation

Transferable: CSU, UC; CSU-GE:C1, GAV-GE:C1

An introduction to the analysis, preparation and dramatic presentation of literature, including classical and contemporary prose, poetry and drama. Students prepare, analyze, interpret and present great works of theatre and literature for an audience. This course is also listed as CMUN 2. (C-ID: COMM 170) ADVISORY: Eligible for English 1A.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11736	THEA 4	Lec	3.0	02:20 pm - 04:10 pm	TR	TH-125	Haehl, John	16
This is an eight-week class.					10/23/2023 - 12/16/2023			

### THEA 12A: Acting I

Transferable: CSU, UC; CSU-GE:C1, GAV-GE:C1

This course explores the physical and psychological resources of the actor. Students achieve proficiency in individual and group contact, collaboration, theatre games, improvisation, basic theatre vocabulary, and sound and movement dynamics. Students emerge in formal scene presentations as well as critique live theatrical productions. (C-ID: THTR 151)

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10674	THEA 12A	Lab	3.0	01:00 pm - 02:25 pm	MW	TH-125	Carmack, Brian	6
	THEA 12A	Lec		02:35 pm - 03:25 pm	MW	TH-125	Carmack, Brian	

### THEA 12B: Acting II

Transferable: CSU, UC; GAV-GE:C1

This course follows Acting I and continues the exploration and techniques used in preparation for the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, and scenes. This course has the option of a letter grade or pass/no pass. (C-ID: THTR 152) PREREQUISITE: Theatre Arts 12A.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10675	THEA 12B	Lab	3.0	01:00 pm - 02:25 pm	MW	TH-125	Carmack, Brian	6
	THEA 12B	Lec		02:35 pm - 03:25 pm	MW	TH-125	Carmack, Brian	

### THEA 15: Introduction to Design for Stage, Television and Film

Transferable: CSU, UC; GAV-GE:C1

Students will be offered a survey of scenery, lighting, sound, costumes, makeup, properties, theatrical equipment and construction techniques through demonstrations, and laboratory experience. Information is applicable to all formal theatrical applications. (C-ID: THTR 172) ADVISORY: Eligible for English 250 and English 260.



CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12102	THEA 15	Lec	3.0	04:00 pm - 05:25 pm	MW	TH-125	Haehl, John	13

## VOCATIONAL PREP - DISABILITY

### AE 600: Vocational Training I

Prevocational skills for adults with impaired cognitive functioning. Entry level work preparation is emphasized. Skills taught include basic work routine orientation, communication skills, job ability assessment, and self-management skills.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10165	AE 600	Lab		09:10 am - 03:40 pm	W	LI-117	Mendez, Frank	12
Students are required to register with an AEC counselor or instructor for this section.								
	AE 600	Lab		09:10 am - 03:40 pm	W	LI-117	Brown, Cheryl	12
Students are required to register with an AEC counselor or instructor for this section.								
10198	AE 600	Lab				LI-117	Gaitan, Stephen	FULL
Students are required to register with an AEC Counselor or WAIIL instructor for this section.					8/28/2023 - 12/28/2023			
11283	AE 600	Lab		09:45 am - 11:10 am	TR	LI-171	Mendez, Frank	13
Students are required to register with an AEC Counselor for this section. Contact the Accessible Education Center (AEC) Office (LI 117). Open Entry/Open Exit								
11811	AE 600	Lab				OFFSTE-HOPEH	Brown, Cheryl	1
This class meets off campus and in-person at HOPE Service (2300 Technology Pkwy. #7, Hollister) Students are required to register with an AEC Counselor. Contact aec@gavilan.edu for questions.					8/28/2023 - 12/28/2023			
11812	AE 600	Lab				OFFSTE-HOPEG	Mendez, Frank	20
This class meets off campus and in-person at HOPE Service (8855 Murray Ave., Gilroy) Students are required to register with an AEC Counselor. Contact aec@gavilan.edu for questions.					8/28/2023 - 12/28/2023			
11816	AE 600	Lab		11:20 am - 12:45 pm	TR	APE-120	Brown, Cheryl	12
Students are required to register with an AEC Counselor for this section. Contact the Accessible Education Center (AEC) Office (LI 117). Open Entry/Open Exit								

### AE 602: Vocational Training III

Practical training and on-the-job work experience for students with disabilities. This course also provides preparation for entry level employment utilizing a number of work alternatives and settings.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10199	AE 602	Lab				OFFSTE-HOPEH	Brown, Cheryl	21
Students are required to register with an AEC counselor or instructor for this section.					8/28/2023 - 12/28/2023			
10201	AE 602	Lab				OFFSTE-HOPEG	Mendez, Frank	21
Students are required to register with an AEC counselor or instructor for this section.					8/28/2023 - 12/28/2023			
10204	AE 602	Lab				LI-117	Gaitan, Stephen	26
Students are required to register with an AEC counselor or WorkAbility III instructor for this section.					8/28/2023 - 12/28/2023			

### AE 605: Vocational Training VI

This course is designed for students with disabilities. The purpose of this course is to improve the student's ability to participate in the community, by increasing independence through acquisition of survival vocabulary, and practice in functional reading. Students will read stories written or revised for adults with limited reading skills. NOTE: Students are required to register with the AEC Counselor for this course.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11819	AE 605	Lab		12:55 pm - 02:20 pm	R	APE-120	Brown, Cheryl	16
Students are required to register with an AEC counselor or instructor for this section.								

### AE 613: Independence Training IV

This course is designed for students with disabilities. The purpose of this course is to improve the student's ability to build math competencies related to independence in daily living and the work site. The focus of the class is basic computation, consumer awareness, money management, banking and purchasing. NOTE: Students are required to register with the AEC Counselor for this course.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11820	AE 613	Lab		12:55 pm - 02:20 pm	T	APE-120	Brown, Cheryl	17
Students are required to register with an AEC counselor or instructor for this section.								

## WATER RESOURCES MANAGEMENT

### WTRM 201: Introduction to Water, Wastewater Technology

An introduction to the Water and Wastewater Distribution Industry. Topics include industry careers, required certifications, the hydrologic cycle, watersheds, water/wastewater treatment methods, valves and equipment, as well as industry standard math formulas and conversion factors. This course was previously listed as WTRM 101. ADVISORY: Eligible for Mathematics 430 or equivalent Arithmetic proficiency.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10595	WTRM 201	Lec	3.0	05:30 pm - 07:05 pm	M	MP-114	Miettinen Ames, Catherine	8
	WTRM 201	Online 				ONLINE	Miettinen Ames, Catherine	


### WTRM 202: Beginning Water, Wastewater, Distribution Math

This course covers basic math concepts used in the water and wastewater distribution industry. Topics include industry standard formulas, conversion factors, fractions, decimals, percentages, ratios, area and volume. This course was previously listed as WTRM 102. ADVISORY: Eligible for Mathematics 430 or equivalent Arithmetic proficiency.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11926	WTRM 202	Lec	3.0	06:00 pm - 09:10 pm	T	MP-114	Ange, Greg	10


### WTRM 203: Introduction to Electrical and Instrumentation Processes

Introduction to basic electrical theory, applications, common uses and real world examples of control systems and instrumentation used in water distribution, water, and wastewater treatment plants including switches, relays, alarms, motors, instrumentation, valve actuators, computers and communications. This course was previously listed as WTRM 103. ADVISORY: WTRM 201 Introduction to Water-Wastewater Technology; WTRM 202 Beginning Water-Wastewater Mathematics.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12109	WTRM 203	Lec	3.0	06:00 pm - 07:35 pm	F	MP-114	Miettinen Ames, Catherine	9
	WTRM 203	Online 				ONLINE	Miettinen Ames, Catherine	

### WTRM 206: Beginning Water Treatment Plant Operation

This is a comprehensive course that teaches basic principles of operation and maintenance of water treatment plant. The course covers sources of water; public health aspects of water supply; physical and bacteriologic standards of water quality; types of water treatment plants, water treatment procedures, operation, storage and distribution. This course is designed to prepare the student to take the State of California Water Treatment Operator exams (T1, T2). This course was previously listed as WTRM 106. ADVISORY: WTRM 201 Introduction to Water/Wastewater Technology; WTRM 202 Beginning Water/Wastewater Mathematics.

 **Online Classes** - To start your course, go to: <https://ilearn.gavilan.edu>. You must login by 11:59 p.m. the 1st day of the course and late adds must login within 24 hours of adding or you may be dropped. For help, email your instructor.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12110	WTRM 206	Lec	3.0	07:15 pm - 09:00 pm	M	MP-114	Miettinen Ames, Catherine	11
	WTRM 206	Online 				ONLINE	Miettinen Ames, Catherine	

### WTRM 290: Occupational Work Experience/Water/Wastewater Technology

Occupational work experience for students who have a job related to their major. A training plan is developed cooperatively between the employer, college and student. (P/NP grading) 75 hours per semester paid work = 1 unit. 60 hours non-paid (volunteer) work per semester = 1 unit. Student repetition is allowed per Title 5 Section 55253. Minimum 2.00 GPA REQUIRED: Declared vocational major. This course was previously listed as WTRM 190.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11928	WTRM 290	Wrk Ex	1.0			ONLINE	Sweeney, Susan	4
11929	WTRM 290	Wrk Ex	2.0			ONLINE	Sweeney, Susan	4
11930	WTRM 290	Wrk Ex	3.0			ONLINE	Sweeney, Susan	4
11931	WTRM 290	Wrk Ex	4.0			ONLINE	Sweeney, Susan	4

## ENGLISH

### ENGL 756: High School Equivalency/GED Preparation

This course is designed to prepare the student to pass the five General Education Development (GED) tests in Writing, Social Studies, Science, Literature and Mathematics. English grammar and usage, reading comprehension, writing, vocabulary and computational skills are emphasized. The course is designed for students who are 18 years of age or older and elect to take the High School Equivalency Examination. This course may be repeated.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10304	ENGL 756	Lab		08:15 am - 12:35 pm	S	HOL-2	Sandoval-Barron, Ethel	18
	This class is taught in English.							
	ENGL 756	Lab		01:05 pm - 03:30 pm	S	HOL-2	Sandoval-Barron, Ethel	
					8/28/2023 - 12/16/2023	Above class meets at the Hollister Briggs site.		
10305	ENGL 756	Lab		08:15 am - 12:35 pm	S	HOL-4	Jimenez, Ricardo	22
	This class is conducted in Spanish.							
	ENGL 756	Lab		01:05 pm - 05:20 pm	S	HOL-4	Jimenez, Ricardo	
					8/28/2023 - 12/16/2023	Above class meets at the Hollister Briggs site.		

## ENGLISH AS A SECOND LANGUAGE

### ESL 702A: ESL Citizenship

This course is designed for second language learners that want to prepare for the United States Citizenship test given by the Department of Immigration and U. S. Naturalization Services. The focus will be on communicative English skills and knowledge of American History and Government required for passing the test to become a citizen of the United States. Readings are at the high-beginning/low-intermediate ESL level and will focus on the historical period beginning in the 1600's on through to 1980.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10306	ESL 702A	Lec		06:00 pm - 08:35 pm	M	HOL-3	McMullen, David	26
					8/28/2023 - 12/16/2023	Above class meets at the Hollister Briggs site.		

### ESL 706: NC Computer and Internet Basics for ESL Students

This course is for ESL students who have little to no experience with computers and navigating the Internet. This course will introduce students to the parts of a computer, basic desktop tools, browsers, email, security, virus protection, and social media. ADVISORIES: ESL 786 or ESL Assessment Recommendation

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11796	ESL 706	Lec		06:00 pm - 09:05 pm	F 9/1/2023 - 9/15/2023	BU-119	Williams, Sheila	6
11822	ESL 706	Lec		06:00 pm - 08:05 pm	MTWR 8/21/2023 - 8/24/2023	BU-119	Rodriguez, Raquel	21
11823	ESL 706	Lec		06:00 pm - 08:05 pm	MTWR 8/21/2023 - 8/24/2023	HOL-3 <i>Above class meets at the Hollister Briggs site.</i>	Rodriguez Juarez, Martin	15

### ESL 707: NC Presentation Basics for ESL Students

This course introduces ESL students to presentation graphics using presentation software to create a computerized slide show with text and objects. ADVISORIES: ESL 786 or ESL Assessment Recommendation and ESL 706

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11937	ESL 707	Lec		06:00 pm - 09:05 pm	F 9/22/2023 - 10/6/2023	BU-119	Williams, Sheila	19

### ESL 709: NC Excel Basics for ESL Students

This course provides ESL students with an introduction to the terms, commands, and applications of a spreadsheet program.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11936	ESL 709	Lec		06:00 pm - 09:05 pm	F 10/13/2023 - 10/27/2023	BU-119	Williams, Sheila	10

### ESL 710: NC Word Processing Basics for ESL Students

This course introduces ESL students to the basic word processing skills of creating, saving and printing a document. Students will also learn to cut, copy and paste text, change fonts and styles, and use the spelling, grammar and thesaurus features. ADVISORY: ESL 786 or ESL Assessment Recommendation, and ESL 705.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11935	ESL 710	Lec		06:00 pm - 09:05 pm	F 11/3/2023 - 12/1/2023	BU-119	Williams, Sheila	7

### ESL 727: NC Beginning ESL Reading, Writing

This is the first course in a series of integrated skills courses designed to introduce beginning ESL students to academic reading, writing and grammar skills. This beginning course focuses on vocabulary development, basic reading strategies and comprehension, basic grammar and beginning writing skills (sentence level and basic paragraphs.) The aim of this course is to assist beginning level students in becoming more literate while participating in holistic reading and writing activities based on engaging multicultural topics. Prerequisite: ESL 787 - NC ESL Lifeskills 2B or ESL 789 - NC Lifeskills 2 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10202	ESL 727	Lec		09:00 am - 12:05 pm	TR 8/28/2023 - 12/16/2023	CDC-100	Peeren, Elise	9

### ESL 728: NC Beginning ESL Listening, Speaking

This is the first in a series of integrated skills courses designed to introduce beginning ESL students to academic listening, speaking and pronunciation skills. Activities, which include listening exercises, role-play, pair work, small and large group discussions, interviews, oral presentations and pronunciation drills (focusing on English sounds and rhythm), are presented in the context of relevant, contemporary and intellectually challenging themes. Prerequisite: ESL 787 - NC ESL Lifeskills 2B or ESL 789 - NC Lifeskills 2 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10451	ESL 728	Lec		06:00 pm - 09:10 pm	MW 8/28/2023 - 12/16/2023	SS-205	Naher, Saila	3
11810	ESL 728	Lec		09:00 am - 12:05 pm	MW 8/28/2023 - 12/16/2023	HU-104	Cisneros, Nicole	1



### ESL 731: NC Intermediate ESL Listening, Speaking I

This is the second course in a series of integrated skills courses designed to develop academic listening, speaking and pronunciation skills of low-intermediate ESL students. Activities, which include extended listening exercises, open-ended dialogues, pair and group discussions, oral interviews, and oral reports, are presented in the context of relevant, contemporary and intellectually challenging themes. PREREQUISITE: ESL 528 or ESL 728 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11679	ESL 731	Lec		06:30 pm - 08:35 pm	MW 8/28/2023 - 12/16/2023	HU-104	Ao, Leisurige	21

### ESL 749: NC Intermediate Reading, Writing II

This is the third course in a series of integrated skills courses designed to continue to develop reading, writing, and grammar skills of high-intermediate ESL students. The course focuses on vocabulary development through the application of different reading strategies to a variety of selections of topics of interest to academically-bound students. It also involves the further practice and refinement of sentence and paragraph skills, structure and punctuation. PREREQUISITE: ESL 537 or ESL 737 or ESL 539 or ESL 739 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11681	ESL 749	Lec		06:00 pm - 09:05 pm	MW 8/28/2023 - 12/16/2023	HU-105	Williams, Sheila	6
	ESL 749	Online 			8/28/2023 - 12/16/2023	ONLINE	Williams, Sheila	
	ESL 749	Online 			8/28/2023 - 12/16/2023	ONLINE	STAFF, S	

### ESL 784: NC ESL Lifeskills 1A

This is the first course in a series of English classes for students with basic oral or written English competency. It will give students basic vocabulary and familiarity in life skill areas such as family, school, time and shopping to manage in the English speaking community. This course integrates listening, speaking, reading and writing. ADVISORY: ESL Assessment Recommendation

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10320	ESL 784	Lec		09:00 am - 12:15 pm	TR 8/28/2023 - 12/16/2023	HU-104	Ao, Leisurige	2
10760	ESL 784	Lec		06:00 pm - 09:25 pm	MW 8/28/2023 - 12/16/2023	HOL-1 <i>Above class meets at the Hollister Briggs site.</i>	Howell, John	7
11994	ESL 784	Lec		09:00 am - 12:15 pm	WF 8/28/2023 - 12/16/2023	HOL-3 <i>Above class meets at the Hollister Briggs site.</i>	Zavala, Angelica	8
12151	ESL 784	Lec		06:00 pm - 09:25 pm	MW 8/28/2023 - 12/16/2023	CDC-110	Masulis, Holly	FULL

### ESL 785: NC ESL Lifeskills 1B

This is the second course in a series of English classes for students with basic oral or written English competency. It will give students basic vocabulary and familiarity in life skill areas such as daily routines, food work, and health to manage in the English speaking community. This course integrates listening, speaking, reading and writing. ADVISORY: ESL Assessment Recommendation

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12155	ESL 785	Lec		06:00 pm - 09:25 pm	MW 8/28/2023 - 12/16/2023	HOL-4 <i>Above class meets at the Hollister Briggs site.</i>	Vladimirov, Teri	18
12166	ESL 785	Lec		09:00 am - 12:15 pm	TR 8/28/2023 - 12/16/2023	HOL-4 <i>Above class meets at the Hollister Briggs site.</i>	Rodriguez Juarez, Martin	13
12167	ESL 785	Lec		09:00 am - 12:15 pm	MW 8/28/2023 - 12/16/2023	BU-120	Vargas, Nellie	16
12168	ESL 785	Lec		06:00 pm - 09:25 pm	TR 8/28/2023 - 12/16/2023	HU-103	Naher, Saila	6

### ESL 786: NC ESL Lifeskills 2A

This is the third course in a series of English classes for students with low beginning oral or written English competency. Through listening, speaking, reading and writing activities, students learn to use grammatical structures of English with increasing accuracy while gaining basic life skills. ADVISORY: ESL Assessment Recommendation

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
10411	ESL 786	Lec		06:00 pm - 09:25 pm	MW 8/28/2023 - 12/16/2023	HU-103	Jimenez, Ricardo	17
11945	ESL 786	Lec		09:00 am - 12:15 pm	TR 8/28/2023 - 12/16/2023	LI-100	Konus, Elif	12

### ESL 787: NC ESL Lifeskills 2B

This is the fourth course in a series of English classes for students with low beginning oral or written English competency. Through listening, speaking, reading and writing activities, students will learn to use grammatical structures of English with increasing accuracy while gaining basic life skills. ADVISORY: ESL Assessment Recommendation

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
12152	ESL 787	Lec		06:00 pm - 09:25 pm	TR 8/28/2023 - 12/16/2023	HU-105	Rodriguez, Raquel	4

### ESL 788: NC ESL Lifeskills 1


This is the first course in a series of English classes for students with basic oral or written English competency. It will give students basic vocabulary and familiarity in life skill areas such as family, school, time and shopping, daily routines, food, work, and health to manage in the English speaking community. This course integrates listening, speaking, reading and writing. ADVISORY: ESL Assessment Recommendation

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11501	ESL 788	Lec		06:00 pm - 09:25 pm	TWR 8/28/2023 - 12/16/2023	HU-101	Porcella, Elizabeth	9

## GUIDANCE

### GUID 550: Supervised Tutoring

Laboratory class emphasizing college learning skills, appropriate study techniques, and learning assistance utilizing one-to-one or small group tutorial.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11032	GUID 550	Lab			8/28/2023 - 12/16/2023	LI-168	Wong-Lane, Megan	FULL
	GUID 550	Online 			8/28/2023 - 12/16/2023	ONLINE	Wong-Lane, Megan	

## ENGLISH AS A SECOND LANGUAGE

### ESL 528: Beginning ESL Listening,Speaking

This is the first in a series of integrated skills courses designed to introduce beginning ESL students to academic listening, speaking and pronunciation skills. Activities, which include listening exercises, role-play, pair work, small and large group discussions, interviews, oral presentations and pronunciation drills (focusing on English sounds and rhythm), are presented in the context of relevant, contemporary and intellectually challenging themes. Prerequisite: ESL 787 - NC ESL Lifeskills 2B or ESL 789 - NC Lifeskills 2 or ESL Assessment Recommendation.

CRN	Course	Type	Units	Time	Days/Dates	Location	Instructor	Open Seats
11809	ESL 528	Lec	6.0	09:00 am - 12:05 pm	MW	HU-104	Cisneros, Nicole	1