**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) ADVISORY: Intermediate Algebra (Math 233 or Math 240), English College Reading (English 260), English Practical Writing (English 250), and basic computerized spreadsheet knowledge.

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<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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**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. ADVISORY: Intermediate Algebra (Math 233 or Math 240), eligible for English 1A and basic computerized spreadsheet knowledge.

<table>
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**ACCT 105: Payroll Accounting**  
Transferable: CSU  

This is an introductory course in payroll accounting. Topics include: payroll laws and regulations, computation of wages and salaries, Social Security taxes, income tax withholding, employer taxes, payroll tax filing and reporting, and other related topics. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for Mathematics 430 or equivalent Arithmetic proficiency.

<table>
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<th>Type</th>
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<th>Time</th>
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**ACCT 121: Spreadsheet - MS Excel**  
Transferable: CSU  

This computer spreadsheet software course uses a hands-on approach to learning terms, commands, and applications of a spreadsheet program. It includes creating spreadsheets that utilize formulas, graphing, formatting, database features, and financial business calculations for decision making. This course has the option of a letter grade or pass/no pass. Also listed as ACCT 121. ADVISORY: CSIS 1 or CSIS 2 or basic keyboarding skills.
### ADMINISTRATION OF JUSTICE

#### AJ 5: Introduction to Modern International Terrorism

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

This course centers on conceptually defining terrorism (all types—foreign and domestic, left and right-wing, religious, environmental, and political, state and non-state), tracing the history and beginnings of modern international and domestic terrorism, critically examining the various U.S.-global responses to the 9-11-01 attacks, as well as generally evaluating and assessing how countries and people around the world try to cope with, prevent and/or respond to attacks by terrorist organizations, groups, or acts of terrorism perpetrated by nation-states or groups working with nation-states. This course has the option of a letter grade or pass/no pass. This course is also listed as POLS 6.

#### 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) ADVISORY: Eligible for English 250 and English 260.

#### AJ 12: Criminal Procedures

Transferable: CSU

Legal processes from pre-arrest, arrest through trial, sentencing and correctional procedures; a review of the history of case and common law; conceptual interpretations of law as reflected in court decisions; a study of case law methodology and case research as the decisions impact upon the procedures of the justice system. (C-ID: AJ 122) ADVISORY: AJ 10; Eligible for English 250 and English 260.

#### AJ 14: Criminal Law

Transferable: CSU, UC

Historical development, philosophy of law and constitutional provisions; definitions, classifications of crime, and their applications to the system of administration of justice; legal research, review of case law, methodology, and concepts of law as a social force. Explores crimes against persons, property, and the state. (C-ID: AJ 120) ADVISORY: AJ 10; Eligible for English 250 and English 260.
AJ 18: Community Relations and the Justice System
Transferable: CSU, UC; GAV-GE:F

The course examines the complex, dynamic relationship between communities and the institutions of the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. It also examines new strategies, skills, tools, and cultural knowledge necessary for personnel engaged in all aspects of the criminal justice system. (C-ID: AJ 160) ADVISORY: Eligible for English 250 and English 260; AJ 10.

AJ 20: Juvenile Law and Procedure
Transferable: CSU, UC

This course covers techniques of handling juvenile offenders and victims; prevention and repression of delinquency; diagnosis and referral; and organization of community resources. The course also includes juvenile law and juvenile court procedure with a strong emphasis on California law, including the California Penal and Welfare and Institution Codes. (C-ID: AJ 220) ADVISORY: Eligible for English 250 and English 260.

AJ 32: Crime and Delinquency
Transferable: CSU

An introduction to major types of criminal behavior, characteristics of offenders, factors which contribute to crime and delinquency; the criminal justice process: the function of law enforcement, the courts, probation, parole and institutions; changes in crime control and treatment processes, the role of society. ADVISORY: Eligible for English 250 and English 260.

AJ 176: Criminal Street Gangs
Transferable: CSU

This course is designed to explore historical developments, origins, philosophy and current trends and activities in criminal street gangs within California. It will explore areas of violence, recruitment, drug use, graffiti and attire; with emphasis placed on organization within gangs and their racial backgrounds. Types of solutions within the criminal justice system used to combat street gangs is also included. ADVISORY: Eligible for English 250 and English 260.

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.

ALLIED HEALTH (NURSING)
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).

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<th>Days/Dates</th>
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AH 11: Nutrition
Transferable: CSU, UC; CSU-GE:E, GAV-GE:E, F

This course is an introductory nutrition course designed to introduce the general education and/or health interested student to the principles of nutrition which can be used professionally and/or personally. Nutrition will explore the science of nutrition, provide nutrient recommendations, explore the functions of digestion & metabolism, and discuss the impact that nutrition has on the human body; both anatomically and physiologically. This course will discuss macronutrients, water, vitamins, minerals, healthy body weight, performance nutrition, and specific nutritional needs throughout a person's lifetime. The student will analyze their personal diet record by utilization of a computerized nutrition program. AH 11 will address the impact of nutrition for chronic disease, food safety principles, and food poverty in the United States and our world. (C-ID NUTR 110). ADVISORY: Chemistry 30A.

<table>
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AH 140: Online Health Research
Transferable: CSU

A beginning course on how to find reliable, current health-related information, using the Internet and other electronic resources. This course is also listed as LIB 140.

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<th>Type</th>
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ANTHROPOLOGY

ANTH 1: Introduction to Physical Anthropology

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)
**ANTH 1: 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.

**ANTH 1L: Physical Anthropology Lab**
CRN 40637
Course ANTH 1L
Type ONLINE
Units 1.0
Time
Days/Dates
Location ONLINE
Instructor Mitchell, Rachel
Open Seats 24

This fully asynchronous online course will be available through Canvas/Learn located in the My Gav portal. Instructor will provide further details.

**ANTH 3: Introduction to Cultural Anthropology**
Transferable: CSU, UC; CSU-GE:D2, IGETC:4G, GAV-GE:D2, F

The course explores how anthropologists study and compare human cultures. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues: how people around the world make their living (subsistence patterns); how they organize themselves socially, politically and economically; how they communicate; how they relate to each other through family and kinship ties; what they believe about the world (belief systems); how they express themselves creatively (expressive culture); how they make distinction among themselves such as through applying gender, racial and ethnic labels; how they have shaped and been shaped by social inequalities such as colonialism; and how they navigate culture change and processes of globalization that affect us all. Key concepts of power, social justice, equity, ethnocentrism, cultural relativism, race, anti-racism, decolonization, ethnicity, gender, sexuality, class, kinship, ritual, belief systems, and symbolism will be covered. Ethnographic case studies highlight these similarities and differences, and introduce students to how anthropologists do their work, employ professional anthropological research ethics and apply their perspectives and skills to understand humans around the globe. Students will write a research paper based on original fieldwork in a local community. Also listed as ETHN 3A.

**ANTH 5: Magic, Witchcraft, and Religion**
Transferable: CSU, UC; CSU-GE:D, IGETC:4, GAV-GE:D2, F

Explores and analyzes, from a cross-cultural and comparative perspective, religious traditions in diverse cultural contexts with particular focus on the effects of globalization on religious beliefs and practices. Cross-cultural analysis of the concepts of magic, witchcraft, and religion. Examination of connections among the concepts of race, nation, and religion. Exploration of the above through ethnographic readings, class discussions, films, short papers, and a final research paper based on original fieldwork in a local religious or spiritual community. PREREQUISITE: Eligible for English 1A.
### ANTH 32: Introduction to Research Methods

Transferable: CSU; CSU-GE:D2, IGETC:4G, GAV-GE:D2

An overview of the methodologies used in experimental, quasi-experimental, and non-experimental research in psychology. Students will learn how to design and conduct research, including formulating hypotheses, reviewing the literature, evaluating ethical issues, selecting methodologies, organizing data, applying statistics, and writing reports. This course is also listed as PSYC 10 with a grade of "C" or better and MATH 5 with a grade of "C" or better.

<table>
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This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

### ART

#### ART 1A: Art History

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

A critical survey of the influences and development of painting, architecture, sculpture, and minor arts from pre-history to the Byzantine/Romanesque eras, including the art of primitive people. (C-ID: ARTH 110) ADVISORY: Eligible for English 250 and English 260.

<table>
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This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

#### ART 1B: Art History

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

The history of western painting, sculpture, architecture and minor arts from the Early Renaissance to the present. (C-ID: ARTH 120) ADVISORY: English 1A

<table>
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<th>Course</th>
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This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

Online Classes - To start your course, go to: https://my.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.
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)

<table>
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This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asyncronuous and will be available through Canvas/iLearn located in the MyGav portal.

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.

<table>
<thead>
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<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
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This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asyncronuous and will be available through Canvas/iLearn located in the MyGav portal.

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.

<table>
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This course is fully online/asyncronous and will be available through Canvas/iLearn located in the MyGav portal.

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</table>

This course is fully online/asyncronous and will be available through Canvas/iLearn located in the MyGav portal.

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This course is fully online/asyncronous and will be available through Canvas/iLearn located in the MyGav portal.

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.
<table>
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<tr>
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<th>Course</th>
<th>Type</th>
<th>Units</th>
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</tr>
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</table>

This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asyncronous and will be available through Canvas/iLearn located in the MyGav portal.

**ART 10A: Cultural History of Ceramics**
Transferable: CSU, UC; CSU-GE:C1, GAV-GE:C1, F

An introduction to the historical developments and cultural influences of ceramic art. Development of a personal expression is realized through the combination of historical elements, observation and actual creations in clay.

<table>
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<tr>
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<th>Course</th>
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<th>Units</th>
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This course is fully online/asyncronous and will be available through Canvas/iLearn located in the MyGav portal.

**ART 12A: Sculpture**
Transferable: CSU, UC, GAV-GE:C1

An introduction to expressive and technical sculptural processes of selected media such as clay, plaster and wood. This course has the option of a letter grade or pass no pass. PREREQUISITE: ART 13, Three-Dimensional Design

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
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</table>

This course is fully online/asyncronous and will be available through Canvas/iLearn located in the MyGav portal.

**ART 13: Three-Dimensional Design**
Transferable: CSU, UC; CSU-GE:C1, GAV-GE:C1

A fundamental course focused on the conceptual, technical and historical aspects of three dimensional design and related fields such as: sculpture, architecture and industrial design. Development of personal artistic expression and visual perception through the use of various media such as plaster, paper, wood, clay, metal, etc. Introduction to the design elements and principles as they relate to space and form in visual art and design will be studied. (C-ID: ARTS 101) ADVISORY: English 250 and English 260.

<table>
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<th>Course</th>
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<th>Units</th>
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This course is fully online/asyncronous and will be available through Canvas/iLearn located in the MyGav portal.

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Online Classes - To start your course, go to: https://my.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.
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.

<table>
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<tr>
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<th>Course</th>
<th>Type</th>
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</table>

This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

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

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<th>Course</th>
<th>Type</th>
<th>Units</th>
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This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

ART 21: Ancient Americas: A History through Art
Transferable: CSU, UC; CSU-GE:C1, IGETC:3A, GAV-GE:C1, F
A critical survey of history through the arts of pre-Columbian natives of North, Central and South America. The course will cover major societies and events from the appearance of major civilizations through the initial colonization efforts of European nations. Due to the distinct history of the Americas, this course uses the arts - architecture, sculpture, ceramics and painting, among others - of ancient societies as a primary source material. This course has the option of a letter grade or pass/no pass. This course is also listed as HIST 21. (C-ID: ARTH 145) ADVISORY: Eligible for English 250.

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This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

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.

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This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

For help, email your instructor.
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.

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<th>Type</th>
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</table>

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ASTRONOMY

ASTR 1: Introduction to General Astronomy

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

An introduction to the realm of astronomy and space science. Topics to be covered include the historical development of astronomy, the physics of gravitation and radiation, the solar system, stellar astronomy, galactic and extragalactic astronomy, and cosmology. ADVISORY: Mathematics 430 or skills equivalent to those in an Elementary Algebra course and college level reading and writing skills.

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This course is ONLINE. See the legend for more information.

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This course is ONLINE. See the legend for more information.

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This course is ONLINE. See the legend for more information.

BIOLOGY

BIO 1: Cell and Molecular Biology


This is the first course in a two-semester sequence intended for life science majors with a strong cell respiration, photosynthesis, cell life cycle and its 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 ENVS 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 30A or high school chemistry with a grade of 'B' or better completed within the last five years, 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.

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</table>

This mostly online class 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 ilearn.gavilan.edu to begin.

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<th>Location</th>
<th>Instructor</th>
<th>Open Seats</th>
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</table>

Online Classes - To start your course, go to: https://my.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.
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: BIOL 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.

**BIO 2: Organismal Biology**

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

This mostly online class 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 ilearn.gavilan.edu to begin.

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**BIO 5: General Botany**

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

General Botany is designed for students majoring in biology and/or its related disciplines. This course introduces the evolution and diversity of botanical organisms and begins with a brief review of plant like organisms (protista and fungi) and continues with an emphasis in the plant kingdom for the remainder of the course. The course will include topics such as life cycles, embryonic development, morphology, physiology, taxonomy and plant systematics. Principles of population ecology, community ecology, ecosystems interactions, biotechnology and agriculture are highlighted in this course. (C-ID: BIOL 155) PREREQUISITE: Mathematics 235 or Mathematics 240 with a grade of ‘C’ or better, or skills equivalent to those in an Intermediate Algebra course, or appropriate placement. ADVISORY: Chemistry 1A, Biological Science 1, and college-level reading and writing skills.

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<td>LS-102</td>
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**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.

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<tr>
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<th>Course</th>
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<th>Units</th>
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</tbody>
</table>
This mostly online class 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 ilearn.gavilan.edu to begin.

**BIO 8: General Microbiology**


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.

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<th>Units</th>
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</table>

**BIO 9: Human Physiology**


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.

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<th>CRN</th>
<th>Course</th>
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</table>
### BIO 10: Principles of Biology

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.

<table>
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<th>Type</th>
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### BIO 10: Introduction to Human Biology

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

This course will provide an introduction to human biology for non-science majors to meet general education laboratory science requirements. It will cover the biologic principles of basic body structure and function including all systems of the body, genetic diseases, and current biotechnological advances as well as encompass the relationship between humans and their environment and ecosystems.

<table>
<thead>
<tr>
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<th>Type</th>
<th>Units</th>
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### 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.

<table>
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<th>Type</th>
<th>Units</th>
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</table>
### 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.

<table>
<thead>
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<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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### BUS 11: Statistics for Business and Economics
Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4

The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social science, psychology, life science, health science, and education. Additional and more extensive case studies from business and economics, emphasizing statistical results that provide guidance for business decisions or suggest solutions to contemporary business and economic problems; use of larger data sets analyzed with computer software programs. (C-ID: MATH 110) This course is also listed as ECON 11. PREREQUISITE: Intermediate Algebra or the equivalent.

<table>
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### 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.

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### 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.

<table>
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### BUSINESS OFFICE TECHNOLOGY

Online Classes - To start your course, go to: https://my.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.
BOT 182: Medical Office Procedures
Transferrable: CSU

This specialized course includes medical office procedures, patient record management, coding/billing for private/government health insurance programs, and professional ethics. This course has the option of a letter grade or pass/no pass.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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BOT 283: Medical Coding

This course will introduce the student to the theory and procedure of coding for medical diagnoses, an increasingly essential and specialized healthcare communication system. The course is not a certification course. CPT coding is covered, with an overview of ICD-10 coding. This course has the option of a letter grade or pass/no pass. ADVISORY: BOT 180.

<table>
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CHEMISTRY

CHEM 1A: General Chemistry
Transferrable: 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.

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This course is HYBRID. See the legend for more information.

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This course is HYBRID. See the legend for more information.

CHEM 1B: General Chemistry
Transferrable: 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.

<table>
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This course is HYBRID. See the legend for more information.

### CHEM 12B: Organic Chemistry

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

This is the second semester of a year-long organic chemistry course designed as a continuation of Chemistry 12A. Topics include nomenclature, stereochemistry, mechanism, reactions, and spectroscopic studies of the various organic functional groups. 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 160S) PREREQUISITE: Chemistry 12A

<table>
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### CHILD DEVELOPMENT

**CD 1: Principles and Practices of Early Childhood Education**

Transferable: CSU

An overview of the developing child, current theories and research within the context of family, school, and community, and a historical perspective on the development of early childhood programs which are developmentally appropriate. The processes of socialization and identity development will be highlighted. This class is appropriate for students wanting to work with young children in a variety of programs, including infant-toddler, preschool, transitional kindergarten, and kindergarten. Observations in schools are to be arranged. (C-ID: ECE 120) ADVISORY: Eligible for English 250 and English 260.

<table>
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<th>Course</th>
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**CD 2: Early Child Development**


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 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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**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).

<table>
<thead>
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<th>Course</th>
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### CD 5: Child, Family and Community

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</tbody>
</table>

Transferable: CSU

An examination of the developing child in a societal context focusing on the interrelationship of family, school and community and emphasizing historical and socio-cultural factors. Discussing patterns of development, childrearing, and the value of education in contemporary American society. Highlights the processes of socialization and identity development, showing the importance of respectful, reciprocal relationships that support and empower families and respond to all children's developmental needs. (C-ID: CDEV 110)

### CD 7: Cultural Context of Child and Family in a Diverse Society

<table>
<thead>
<tr>
<th>CRN</th>
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<td>ONLINE</td>
<td>Boss, Claire</td>
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Transferable: CSU; CSU-GE:D, GAV-GE:D2, F

Examines cultural influences on child-rearing practices, family values, and human development. Perspectives from the social sciences will be used to critique and review theoretical and practical implications of oppression and privilege as they apply to families, schools, and communities, including historical and socio-cultural factors. The processes of socialization and identity development, and the importance of respectful, reciprocal relationships that support and empower families. Self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling. Also listed as PSYC 7. (C-ID: ECE 230)

### CD 9: Child Health/Nutrition and Safety-Foundations and Frameworks

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
<th>Instructor</th>
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<td>Henrickson, Patricia</td>
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</table>

Transferable: CSU

The key components that promote physical health, mental health and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. Introduction to the laws, regulations, standards, policies, procedures, curriculum, and to the health domain of the California Preschool Learning Foundations and Frameworks related to early childhood health habits, safety and nutrition. Focus on integrating the concepts into curriculum planning and program development. Applicable to required or professional development units for Child Development Permit holders, as well as pre-school, transitional kindergarten, and early-primary teachers. This course may be taken for a letter grade or pass/no pass. (C-ID: ECE 220) ADVISORY: Eligible for English 250 and English 260.

### CD 10: Children with Special Needs

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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<th>Days/Dates</th>
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</table>

Transferable: CSU

An introductory course which includes a survey of special needs such as learning disabilities, emotional disturbances, developmental delays, physical limitations, cognitive differences, and giftedness. Society, of special education and legislation in the USA, ethical assessment and family-based intervention techniques, diversity and family issues, advocacy for special needs children, and the use of technology in special education environments. This course has the option of a letter grade or pass/no pass.

### CD 14B: Behavior Management Strategies for School Age Classrooms

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</table>

Transferable: CSU

The nature of children's development stages causes school-age children to act in different ways at different ages. This course helps students understand the relationship of development, environment, culture and social circumstances to children's behavior. This is an overview of guidance theories that analyze children's behaviors and lead to strategies for positive changes. This course is appropriate for those working with students in transitional kindergarten, kindergarten, and early education classrooms. This course has the option of a letter grade or pass/no pass. ADVISORY: CD 3 or PSYC 3.

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Online Classes - To start your course, go to: https://my.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.
CD 19: Introduction to Careers with Children
Transferable: CSU

An overview of Department of Social Services and Department of Education regulations regarding early childhood professionals in California. Self-assessment techniques with emphasis on building relationships with children, families and colleagues. National standards, Code of Ethics, Public Policy and CA Early Childhood Foundations will be discussed as essential ingredients for effective early childhood programs. This course has the option of a letter grade or pass/no pass. ADVISORY: Eligible for English 250 and English 260.

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.

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.

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)
CD 40: Child Development
Transferable: CSU, UC; CSU-GE:D, IGETC:4G, GAV-GE:D2

This course examines the development within the psychosocial, cognitive/language development, and physical domains, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages. This course is appropriate for those working with students in transitional kindergarten, kindergarten, and early education classrooms. Also listed as PSYC 40. (C-ID: CDEV 100) Transfer students should consult with an advisor.

CMUN 1A: Introduction to Public Speaking

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) ADVISORY: Eligible for English 250 and English 260.
<table>
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<th>Type</th>
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<th>Time</th>
<th>Days/Dates</th>
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**CMUN 4: Intercultural Communication**
Transferable: CSU, UC, CSU-GE:D2, IGETC:4G, GAV-GE:D2, F

This course will explore the dynamics of communication as it applies to people from different cultures. Course content focuses on the application of theory and research to intercultural communication contexts. Increasing the awareness and understanding of diversity, the perception process, culture, verbal and non-verbal communication and the obstacles that prevent one from becoming a competent intercultural communicator will be examined. (C-ID: COMM 150) Also listed as ETHN 4.

**CMUN 5: Fundamentals of Communication Studies**

This course provides an overview of the history of the communication studies field and areas of specialization with the field as well as communication research methods. Instruction and application of theory and practice in various communication contexts including the self concept, interpersonal, interviewing skills, small group dynamics, and public speaking. Emphasis is placed on analytical and organizational skills, listening, non-verbal and verbal communication, and public speaking communication methodology. (C-ID: COMM 180) ADVISORY: English 250 and English 260.

**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 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 POLS 6 ADVISORY: English 250 and English 260.
### CMUN 6: Interpersonal Communication


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)

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<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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<td>R</td>
<td>ONLINE-LIVE</td>
<td>Andrade, Veronica</td>
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</table>

### CMUN 8: Small Group Communication


An introductory course that develops basic individual reasoning skills, insights and experiences in information-sharing, interacting, decision-making, problem-solving, persuasion, and resolution of disputes and other issues central to group processes. (C-ID: COMM 140)

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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### CMUN 10: Smaller Group Communication

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<td>This is a hybrid class. One class session will meet in person on the listed day and time, and the second session will meet online at the listed day and time.</td>
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CMUN 12: Business Communication
Transferable: CSU
Applies business communication concepts where students create effective documents and visual aids using current technology, present individual and team oral presentations, assess interpersonal and intercultural environments and evaluate common controversial issues within the workplace. ADVISORY: Eligible for ENGL 250.

<table>
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<th>Course</th>
<th>Type</th>
<th>Units</th>
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This course is fully online/asynchronous and will be available through Canvas/Learn located in the MyGav portal.

CMUN 129: Presentation Graphics - MS PowerPoint
Transferable: CSU
This introductory course in presentation graphics will use Microsoft Office's "PowerPoint" software to create a computerized presentation with text and objects. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 129. ADVISORY: CSIS 126 or word processing skills in the Windows environment.

<table>
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<th>Course</th>
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This is a late start, short-term class taught fully online. March 6 - April 26, 2023.

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.

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<th>Course</th>
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<th>Units</th>
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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

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<th>Course</th>
<th>Type</th>
<th>Units</th>
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CSIS 6: Webpage Authoring
Transferable: CSU; GAV-GE:E2
An introduction to using HTML to create web pages which can be uploaded and displayed on the World Wide Web. Students will create web pages with text in various sizes and colors, links to other sites, lists, background color or patterns, graphics, tables and email links. This course has the option of a letter grade or pass/no pass. Also listed as DM 6. ADVISORY: CSIS 1 or CSIS 2 or CSIS 3/LIB 3.

Open Seats Available as of: 11/14/2022 5:17:11 AM
### CSIS 6: Introduction to the Internet

Transferable: CSU; GAV-GE:E2

Topics include networking fundamentals, webpages and HTML, online security basics, and business email etiquette. Students will learn techniques to search efficiently for information and evaluate its credibility. This is a pass/no pass course.

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<thead>
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### CSIS 8: Introduction to the Internet

Transferable: CSU; GAV-GE:E2

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### CSIS 24: Java Programming I

Transferable: CSU, UC

Introduction to Java programming. Includes programming fundamentals, program design, and core computer concepts. Covers the basics of object-oriented programming in the Java environment. (C-ID: COMP 122) ADVISORY: CSIS 42 or comparable programming experience.

<table>
<thead>
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### CSIS 28: Computer Architecture and Organization

Transferable: CSU

Introduction to the organization and architecture of computer systems. Mapping of statements and constructs in a high-level language onto sequences of machine instructions is studied, as well as the internal representation of simple data types and structures. Numerical computation is examined with an eye toward possible data representation errors and procedural errors. Throughout the course, students will write short assembly language programs that utilize the concepts being studied. (C-ID: COMP 142) ADVISORY: Some programming experience or programming coursework.

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### CSIS 42: Python Programming

Transferable: CSU, UC

This course is for those new to programming and is the recommended first course to take before taking other programming classes. No previous programming background is assumed. The course introduces students to the fundamental concepts of computer programming using Python. Students will learn the procedural and object-oriented programming design methodology. Topics covered include: output, input, variables, selection, repetition, functions, recursion, lists, strings, file manipulation, internet scripting, regular expressions, data mining and GUI. This course has the option of a letter grade or pass/no pass. (C-ID: COMP 112)

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<th>Units</th>
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### CSIS 45: C++ Programming I

Transferable: CSU, UC; GAV-GE:E2

An introduction to the concepts and methods of computer programming using C++. Students will be introduced to procedural and object-oriented programming design methodology. Topics covered include variable and constant declarations, selection statements, repetition, functions and recursion, arrays, strings, pointers, and an introduction to classes and objects. This course will prepare students for the Programming II class. This course has the option of a letter grade or pass/no pass. (C-ID: COMP 122) ADVISORY: CSIS 42

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*Online Classes - To start your course, go to: https://my.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.*
### CSIS 45: C++ Programming II
Transferable: CSU, UC; CSU-GE:B3, B8

This course is a continuation of CSIS 45, intended for students majoring in programming and/or planning to transfer to a 4-year college or university Computer Science program. The course will cover topics discussed in CSIS 45 in more detail. In addition the course will cover more advanced C techniques such as pointers, recursion, and linked lists. Special emphasis will be placed on C++ features such as classes, objects, templates and operator overloading. This course has the option of a letter grade or pass/no pass. (C-ID: COMP 132) PREREQUISITE: CSIS 45 or CSIS 5 or CSIS 24 or equivalent.

<table>
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<th>Type</th>
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### CSIS 48: UNIX, Linux Operating System
Transferable: CSU, UC

This course will provide the basics of the UNIX/Linux operating system, including the history and the use of UNIX/Linux with hands-on experience using commands and files. Topics to be covered include basic UNIX/Linux commands, text editing, files and directories, electronic mail, pipes and filters, and shell programming. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 1 or CSIS 2 or equivalent computer experience.

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<tr>
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### CSIS 74: Advanced Photoshop
Transferable: CSU; GAV-GE:C1

This is an intermediate level course in mastering Adobe's Photoshop software. Students will learn advanced strategies in professional digital editing. Students will apply creative techniques for print, video, animation and the web. Students will develop skills in luminance, color and exposure to optimize images with adjustment layers and masks, and cutting-edge selection techniques. There will be a focus in post processing for landscape, portrait and panoramic imaging suited for the artist, photographer and design student. This course has the option of a letter grade or pass/no pass. This course is also listed as DM 74. ADVISORY: DM/CSIS 75 Photoshop I

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<tr>
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</table>

### CSIS 75: Photoshop I - Adobe Photoshop
Transferable: CSU; GAV-GE:C1

This is an entry level course in mastering Adobe's Photoshop software. Students will learn creative and fundamental processes in professional digital image editing. Hands on lessons provide students with skills to manage today’s image libraries. Students will be introduced to Photoshop's Bridge and Camera Raw utilities while crafting state of the art compositions for print, video, animation and the web. There is a focus on basic tonal and color adaptations, digital painting, black and white conversion, special effects, and correction and restoration techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as DM 75. ADVISORY: Familiarity using the Macintosh or Windows operating system.

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### CSIS 76: Digital Illustration
Transferable: CSU; GAV-GE:C1

Illustration techniques using computer Bezier curve-based illustration software tools to do diagrams and graphics for use in art, desktop publishing, web graphics, animation, multimedia and computer presentations. This basic Illustrator course is focused on the technical and historical aspects of digital design and illustration as well as the development of personal artistic expression and visual perception through the use of the digital illustration medium. This course will include lectures and discussions about color, composition and content, computer and illustration program use, printing and presentation techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as DM 76.

For help, email your instructor.
CSIS 77: Introduction to Digital Media and Its Tools
Transferable: CSU, UC; GAV-GE:C1

An introduction to the field of digital media, including history, social impact, concepts, career options and industry trends. Applying learned visual and aural design principles, students will explore the use of computer-based tools in the design and production of digital media by creating and editing digital images, sounds, video, animation, and text. A comprehensive term project for publication on the web or CD ROM will be required. This course is also listed as DM 77. This course has the option of a letter grade or pass/no pass.

CRN  Course   Type Units  Time Days/Dates    Location   Instructor  Open Seats
40410  CSIS 76  Online  3.0  ONLINE  Mullins, Alixandra  30

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
41230  CSIS 77  Online  3.0  ONLINE  Garcia, Oscar  30
41230  CSIS 77  Online  3.0  ONLINE  Garcia, Oscar  30

CSIS 107: Digital Media Design
Transferable: CSU

This course explores the application of design principles and concepts across current digital design tools. Students will explore visual design for time-based, digital, and print media. The course seeks to develop students’ competencies with the industry standard design tools of the Adobe Suite, yet recognizes the value of emerging, consumer-based design tools that may allow students to further their understanding, skills and experience. Thus, some current mobile apps may be introduced as examples of the fast paced and ever changing digital ‘toolbox’ of today’s designers. This course has the option of a letter grade or pass/no pass. Also listed as DM 107.

CRN  Course  Type Units  Time Days/Dates    Location   Instructor  Open Seats
40113  CSIS 80  Online  3.0  ONLINE  Grzan, Raymond  30
40113  CSIS 80  Online  3.0  ONLINE  Grzan, Raymond  30

CSIS 121: Spreadsheet - MS Excel
Transferable: CSU; CSU-GE:B3, B7

Introduction to the computer spreadsheet software. A This computer spreadsheet software course uses a hands-on approach to learning terms, commands, and applications of a hands-on approach to learning terms, commands, and spreadsheet program. It includes creating spreadsheets that utilize formulas, graphing, formatting, database features, This course has the option of a letter grade or pass/no and financial business calculations for decision making. or basic keyboarding skills. pass. Also listed as ACCT 121. ADVISORY: CSIS 1 or CSIS 2

CRN  Course  Type Units  Time Days/Dates    Location   Instructor  Open Seats
40430  CSIS 107  Online  3.0  ONLINE  Vandermaas, Caitlynn  30
40430  CSIS 107  Online  3.0  ONLINE  Vandermaas, Caitlynn  30

CSIS 129: Presentation Graphics - MS PowerPoint
Transferable: CSU

This introductory course in presentation graphics will use Microsoft Office's "PowerPoint" software to create a computerized presentation (slide show) with text and objects. This course is also listed as CMUN 129. This course has the option of a letter grade or pass/no pass. ADVISORY: CSIS 126 or word processing skills in the Windows environment.

CRN  Course  Type Units  Time Days/Dates    Location   Instructor  Open Seats
40887  CSIS 121  Online  3.0  ONLINE  Conrey, Janet  30
CSIS 129: Introduction to Information Cybersecurity
Transferable: CSU
This course introduces students to network security concepts and prepares them for computer systems and network management duties. This course covers security concepts, communications and infrastructure security, basic cryptography, operational and organizational security, and legal and ethical issues. This course along with CSIS 184, 186, and 187; prepares you to take the professional industry CompTIA CySA+ certification exam. This course has the option of a letter grade or pass/no pass.

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
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<th>Time</th>
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This is a late start, short-term class taught fully online. March 6 - April 28, 2023.

CSIS 179: Introduction to Information Cybersecurity
Transferable: CSU
This course introduces students to network security concepts and prepares them for computer systems and network management duties. This course covers security concepts, communications and infrastructure security, basic cryptography, operational and organizational security, and legal and ethical issues. This course along with CSIS 184, 186, and 187; prepares you to take the professional industry CompTIA CySA+ certification exam. This course has the option of a letter grade or pass/no pass.

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Room 4: N Monterey County High School, High Step Course, designed for grades 9th - 12th.

CSIS 186: Cybersecurity: Ethical Hacking
Transferable: CSU
This course emphasizes network attack methodologies with the emphasis on student use of network attack techniques and tools and appropriate defenses and countermeasures. Topics will be presented in the context of legal restrictions and ethical guidelines. This course along with CSIS 179, 184, and 187; prepares students to take the professional industry option of a letter grade or pass/no pass. ADVISORY: CSIS 179.

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CSIS 570A: Computer Access Evaluation - Level 1
This course is intended to provide additional assistive computer evaluation and training to students with disabilities. Once the appropriate computer access technology has been determined, specialized training will be provided. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This is an open entry, open exit course. ADVISORY: This course is intended for students with a verified disability who show a need for assistive computer technologies and/or adaptive equipment or documented academic deficit.

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<tr>
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Make an appointment with your instructor or teaching assistant. Go to ilearn.gavilan.edu to begin.

CSIS 570B: Computer Access Evaluation - Level 2
This course is to provide additional assistive computer evaluation and training to students with disabilities. Once the appropriate computer access technology has been determined, specialized training will be provided. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This is an open entry, open exit course. PREREQUISITE: CSIS 570A ADVISORY: This course is intended for students with a verified disability who show a need for assistive computer technologies and/or adaptive equipment or documented academic deficit.

<table>
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This course meets online by scheduled appointments with the instructor. You must make an appointment through ilearn.gavilan.edu or email htcstaff@gavilan.edu for questions.
CSIS 571A: Introduction to Assistive Computer Instruction Lab

The Assistive Computer Instruction Lab (Intro) is designed for students who are eligible for Disability Services. The course is designed to improve basic academic skills and/or cognitive processes through the use of appropriate software or to learn adaptive devices designed to make computers accessible. Course content is individualized for each student. This is as pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This is an open entry, open exit course. ADVISORY: This course is intended for students with a verified disability or demonstrated academic deficit who show a need for the use of assistive computer programs and/or adaptive equipment.

<table>
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<tr>
<th>CRN</th>
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CSIS 571B: Intermediate Assistive Computer Instruction Lab

The Assistive Computer Instruction Lab (Intermediate) is designed for students who are eligible for Disability Services. The course is designed to improve basic academic skills and/or cognitive processes through the use of appropriate software or to learn adaptive devices designed to make computers accessible. Course content is based on Academic Accommodations Plans which are developed for each student. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This is an open entry, open exit course. ADVISORY: This course is intended for students with a verified disability or demonstrated academic deficit who show a need for the use of assistive computer programs and/or adaptive equipment.

<table>
<thead>
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<th>CRN</th>
<th>Course</th>
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<td>This course is an online lab. Go to ilearn.gavilan.edu to begin or make an appointment with your instructors or teaching assistants for questions.</td>
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CSIS 571C: Advanced Assistive Computer Instruction Lab

The Assistive Computer Instruction Lab (Advanced) is designed for students who are eligible for Disability Services. The course is designed to improve basic academic skills and/or cognitive processes through the use of appropriate software or to learn adaptive devices designed to make computers accessible. Course content is based on Academic Accommodations Plans which are developed for each student. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This is an open entry, open exit course. ADVISORY: This course is intended for students with a verified disability or demonstrated academic deficit who show a need for the use of assistive computer programs and/or equipment or demonstrated academic deficit.

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
<th>Instructor</th>
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<td>This course is an online lab. Go to ilearn.gavilan.edu to begin or make an appointment with your instructors or teaching assistants for questions.</td>
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CONSTRUCTION MANAGEMENT
CMGT 101: Concepts of Construction Management

Introduction to the fundamental concepts and an overview of the elements associated with construction management operations.

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<tr>
<th>CRN</th>
<th>Course</th>
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<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</tbody>
</table>

CMGT 102: Construction Graphics

This course develops the graphic communication knowledge and skills needed by the construction management professional. ADVISORY: Fundamental knowledge of MS Operating System, Microsoft Office, and Adobe Acrobat software.

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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<th>Location</th>
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</tbody>
</table>

DIGITAL MEDIA

DM 6: Webpage Authoring

An introduction to using HTML to create web pages which can be uploaded and displayed on the World Wide Web. Students will create web pages with text in various sizes and colors, links to other sites, lists, background color or patterns, graphics, tables and email links. This course has the option of a letter grade or pass/no pass. Also listed as CSIS 6. ADVISORY: CSIS 1 or CSIS 2 or CSIS 3/LIB 3.

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<th>CRN</th>
<th>Course</th>
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<th>Units</th>
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</table>

DM 74: Advanced Photoshop

This is an intermediate level course in mastering Adobe's Photoshop software. Students will learn advanced strategies in professional digital editing. Students will apply creative techniques for print, video, animation and the web. Students will develop skills in luminance, color and exposure to optimize images with adjustment layers and masks, and cutting-edge selection techniques. There will be a focus in post processing for landscape, portrait and panoramic imaging suited for the artist, photographer and design student. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 74. ADVISORY: DM/CSIS 75 Photoshop I.

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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<th>Location</th>
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</table>

DM 75: Photoshop I - Adobe Photoshop

This is an entry level course in mastering Adobe's Photoshop software. Students will learn creative and fundamental processes in professional digital image editing. Hands on lessons provide students with skills to manage today's image libraries. Students will be introduced to Photoshop's Bridge and Camera Raw utilities while crafting state of the art compositions for print, video, animation and the web. There is a focus on basic tonal and color adaptations, digital painting, black and white conversion, special effects, and correction and restoration techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 75. ADVISORY: Familiarity using the Macintosh or Windows operating system.

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<tr>
<th>CRN</th>
<th>Course</th>
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</table>

DM 76: Digital Illustration

Illustration techniques using computer Bezier curve-based illustration software tools to do diagrams and graphics for use in art, desktop publishing, web graphics, animation, multimedia, and computer presentations. This basic Illustrator course is focused on the technical and historical aspects of digital design and illustration as well as the development of personal artistic expression and visual perception through the use of the digital illustration medium. The course will include lectures and discussions about color, composition and content, computer and illustration program use, printing and presentation techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 76.
### DM 76: Introduction to Digital Media and Its Tools

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

An introduction to the field of digital media, including history, social impact, concepts, career options and industry trends. Applying learned visual and aural design principles, students will explore the use of computer-based tools in the design and production of digital media by creating and editing digital images, sounds, video, animation, and text. A comprehensive term project for publication on the web or CD ROM will be required. This course is also listed as CSIS 77. This course has the option of a letter grade or pass/no pass.

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<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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</table>

### DM 77: Introduction to Digital Media and Its Tools

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

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<tr>
<th>CRN</th>
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</table>

### 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.

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<th>CRN</th>
<th>Course</th>
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<th>Units</th>
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</table>

### DM 107: Digital Media Design

**Transferable: CSU**

This course explores the application of design principles and concepts across current digital design tools. Students will explore visual design for time-based, digital, and print media. The course seeks to develop students’ competencies with the industry standard design tools of the Adobe Suite, yet recognizes the value of emerging, consumer-based design tools that may allow students to further their understanding, skills and experience. Thus, some current mobile apps may be introduced as examples of the fast paced and ever changing digital ‘toolbox’ of today’s designers. This course has the option of a letter grade or pass/no pass. Also listed as CSIS 107.

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<th>CRN</th>
<th>Course</th>
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### ECOL 1: Conservation of Natural Resources

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

This course examines the fundamentals of ecology (the study of the relationships between organisms and their environment) with special emphasis on human effects on the environment. Topics of discussion will include ecosystem dynamics, resources, pollution, population growth, and the clash between economic and political policy and the environment. ADVISORY: Eligible for English 280 or English 1A.

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<th>CRN</th>
<th>Course</th>
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<th>Units</th>
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<th>Days/Dates</th>
<th>Location</th>
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<td>09:45 am - 12:55 pm</td>
<td>F</td>
<td>ONLINE</td>
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</table>

This online class meets on Zoom for 3 scheduled lab hours per week. Students are required to attend at the listed days and times. For the remaining 3 lecture hours, you may participate on your own schedule. Go to ilearn.gavilan.edu to begin.

### ECONOMICS

- **Online Classes** - To start your course, go to: https://my.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.
**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

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**ECON 2: Principles of Microeconomics**  
Transferable: CSU, UC; CSU-GE:D, IGETC:4B, GAV-GE:D2  
Introduction to microeconomic principles, theory, and analysis. Topics include scarcity and resource allocation, specialization and exchange, and the determinants and distribution of output, income, and welfare through the market system, as well as elasticity, production and cost theory, and market failure caused by externalities and asymmetric information. Includes consumer choice and utility maximization, as well as profit maximization in various competitive settings. This course has the option of a letter grade or pass/no pass. (C-ID: ECON 201) PREREQUISITE: MATH 430 or MATH 205

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**ECON 10: Introduction to Economics**  
Transferable: CSU, UC  
A survey of economic concepts and models, along with their real-world applications, for non-business or non-economics majors. Topics to be covered include specialization and trade, pricing and distribution, environmental issues, market structures, macroeconomic measurements, and economic growth and related government policies. Not open to students with credit in Economics 1 or 2. This course has the option of a letter grade or pass/no pass. ADVISORY: The ability to interpret graphs is recommended.

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<th>Days/Dates</th>
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<td>ONLINE</td>
<td>Keams, Julian</td>
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**ECON 11: Statistics for Business and Economics**  
Transferable: CSU, UC; CSU-GE:B4, IGETC:2A, GAV-GE:B4  
The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social science, psychology, life science, health science, and education. Additional and more extensive case studies from business and economics, emphasizing statistical results that provide guidance for business decisions or suggest solutions to contemporary business and economic problems; use of larger data sets analyzed with computer software programs. (C-ID: MATH 110) This course is also listed as BUS 11. PREREQUISITE: Intermediate Algebra or the equivalent.

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<th>CRN</th>
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**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.

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For help, email your instructor.
ENGINEERING

ENGR 1: Graphical Communication and Design
Transferable: CSU, UC

This course covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics include the development of visualization skills; orthographic projections; mechanical dimensioning and tolerancing practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of CAD software is an integral part of the course. Prerequisite: Math 8B or Math 11 (basic algebra, basic geometry and basic trigonometry). C-ID (ENGR 150).

ENGR 5: Engineering Programming and Problem Solving
Transferable: CSU, UC

This course utilizes the MATLAB (or equivalent) environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Topics will include basic control structures, data types, input/output, logical expressions, and the syntax and semantics of a modern programming language. Additional topics include matrix manipulation, curve plotting, finding solutions of differential equations (ODEs), and statistical analysis. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics. PREREQUISITE: Mathematics 1A with a grade of ‘C’ or better. May be taken concurrently.

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).
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.

ENGL 1A: Composition and Reading

CRN | Course | Type | Units | Time | Days/Dates | Location | Instructor | Open Seats
--- | --- | --- | --- | --- | --- | --- | --- | ---
40049 | ENGL 1A | Online | 4.0 | 06:30 pm - 08:35 pm | M | ONLINE | Crook, Erin | 28
40067 | ENGL 1A | Lec | 4.0 | 06:30 pm - 08:35 pm | W | ONLINE-LIVE | Davis, Alexander | 28
40072 | ENGL 1A | Lec | 4.0 | 11:20 am - 01:25 pm | T | HOL-2 | Salvado, Christina | 28
40074 | ENGL 1A | Online | 4.0 | 12:55 pm - 03:00 pm | TR | ONLINE-LIVE | Hull, Kyle | 28
40085 | ENGL 1A | Online | 4.0 | 07:00 pm - 09:05 pm | R | ONLINE-LIVE | Hirasuna, Sera | 28
40087 | ENGL 1A | Online | 4.0 | ONLINE | Hull, Kyle | 28
40093 | ENGL 1A | Online | 4.0 | ONLINE | Smith, Kimberly | 28
40115 | ENGL 1A | Online | 4.0 | 1/30/2023 - 3/25/2023 | ONLINE | Crook, Erin | 28
41739 | ENGL 1A | Online | 4.0 | 3/26/2023 - 5/26/2023 | ONLINE | Crook, Erin | 28

ENGL 1B: Composition and Literature

CRN | Course | Type | Units | Time | Days/Dates | Location | Instructor | Open Seats
--- | --- | --- | --- | --- | --- | --- | --- | ---
40115 | ENGL 1A | Online | 4.0 | 1/30/2023 - 3/25/2023 | ONLINE | Crook, Erin | 28
41739 | ENGL 1A | Online | 4.0 | 3/26/2023 - 5/26/2023 | ONLINE | Crook, Erin | 28

Online Classes - To start your course, go to: https://my.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.
This course will dive into controversial and banned literature.

**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.

This course is recommended for students interested in STEM (science, technology, engineering, and math).

This STEM-themed class will explore environment and changing climate, issues of environmental justice, and adaptations and innovations in response.

**ENGL 4B: British Literature - 1798 to Present**
Transferable: CSU, UC; CSU-GE:C2, IGETC:3B, GAV-GE:C2, F

This course is a study of the masters of British Literature from 1798 to present, as well as an exploration of major literary trends during the Romantic, Victorian, Modern, and Contemporary Literary Eras. Note: this course need not be taken in sequence. (C-ID: ENGL 165) PREREQUISITE: Eligible for English 1A as determined by College assessment or other appropriate method.

This course is a study of the masters of American Literature and the major trends of literature during the present. The major trends can include Realism, Naturalism, Modernism, Post-Modernism, etc. (C-ID: ENGL 135) PREREQUISITE: Eligible for English 1A or English Composition as determined by college placement based on AB 705 mandates.
ENGL 5B: English as a Second Language

ENGL 210: English Academy

This immersion course is geared for students who are enrolled in or considering enrollment into English 1A. The 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

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.

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. Pre-requisite: ESL 528 or ESL 728 or ESL Assessment Recommendation.

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.
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.

ESL 541: Intermediate ESL Listening, Speaking II

This is the third course in a series of integrated skills courses designed to develop listening, speaking, and pronunciation skills of high-intermediate ESL students. Activities, which include extended listening exercises, open-ended dialogues, pair and group discussions, oral interviews, and oral reports, broaden the students’ vocabulary while listening to and speaking in both formal and informal, conversational and academic situations. PREREQUISITE: ESL 538 or ESL 738 or ESL 531 or ESL 731 or ESL Assessment Recommendation.

ESL 549: Intermediate ESL Reading, Writing II

This course is designed to expand grammar usage to include noun and adverb clauses in oral and written communication. Students are introduced to conditionals, both real and unreal. They also learn to use the Passive Voice. These grammar structures constitute some of the most complex structures in English and expose students to a rich variety of structures that can effectively enhance their oral and written expression. PREREQUISITE: ESL 549 with a grade of ‘C’ or better or ESL Assessment Recommendation.

ESL 564: Advanced ESL Grammar

This course is designed to expand grammar usage to include noun and adverb clauses in oral and written communication. Students are introduced to conditionals, both real and unreal. They also learn to use the Passive Voice. These grammar structures constitute some of the most complex structures in English and expose students to a rich variety of structures that can effectively enhance their oral and written expression. PREREQUISITE: ESL 549 with a grade of ‘C’ or better or ESL Assessment Recommendation.
### ESL 564: Advanced ESL Reading, Writing

This is the fourth course in a series of integrated skills courses designed to expand the development of reading, writing, and grammar skills of advanced ESL students. This course focuses on academic and critical thinking skills needed to increase reading comprehension and efficiency. Emphasis is on analyzing, making inferences, taking notes, supporting opinions, summarizing and expanding vocabulary. Readings are from academic texts and literature. This course also refines and further expands college composition skills through the writing of essays. **PREREQUISITE:** ESL 549 or ESL 749 or ESL 547 or ESL 747 ESL Assessment Recommendation.

### ENVS 1: Introduction to Environmental Science

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

An introduction to the scientific principles and problem solving techniques used to evaluate the effects of human activities on different ecosystems. Topics will include the sustainability and stewardship of various ecosystems, environmental hazards such as air and water pollution, waste disposal, pesticides and herbicides, the impact of commercial and industrial activities, as well as population and urbanization. Basic chemistry, physics, and geology will be used throughout the course to explain and expand on these topics. The concepts will be reinforced with an integrated service learning laboratory program. This course was previously listed as ES 1.

### 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.

### 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 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.
MCTV 16: History and Culture of Television, Film and New Media

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

This course provides an introduction and history of electronic media including radio, television, film, the internet, and other new media. The impact on and reflection of the current social environment is explored through review and analysis of television programs, films, internet webisodes, and other electronic media programming. This course is also listed as THEA 16. ADVISORY: Eligible for English 250 and 260.

MCTV 17A: Television and Video Workshop

Transferable: CSU, UC

Introduction to theory, terminology and operation of a multi-camera television studio and control room. Including: production, studio signal flow, directing, camera theory and operation, audio equipment set-up, switcher operation, fundamentals of lighting, graphics, video control and recording and live video production. This course is also listed as THEA 17A.

MCTV 18: Single Camera Production

Transferable: CSU, UC; GAV-GE:C1

This course provides an introduction to the theory, terminology, and operation of single camera video production, including story creation, image composition, camera operation, portable lighting and audio operation and basic editing. This course focuses on the aesthetics and fundamentals of video story production including script writing, producing, directing, acting, post-production, and distribution. This course is also listed as THEA 18. (C-ID: FTVE 130)
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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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<td>ONLINE-LIVE</td>
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</table>

MCTV 43: Digital Video Editing
Transferable: CSU
Introduction to the aesthetic and technical aspects of non-linear editing, visual effect generation, and video production using computers equipped with specialized production software such as Final Cut Pro, Premiere, After Effects, and Pro Tools. The class will also cover the preparation of digital video in various formats for distribution and the internet.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Units</th>
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<th>Days/Dates</th>
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</table>

GEOGRAPHY

GEOG 1: Physical Geography
Transferable: CSU, UC; CSU-GE:B1, B3, IGETC:5A, 5C, GAV-GE:B1, B3
An introductory study of the basic physical elements of geography including climate, land forms, soils, water, and natural vegetation. The laboratory will include the tools and methods of geographers. (C-ID: GEOG 115)

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
<th>Instructor</th>
<th>Open Seats</th>
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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.
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. This course is also listed as PSYC 5.

CRN | Course | Type | Units | Time | Days/Dates | Location | Instructor | Open Seats
--- | --- | --- | --- | --- | --- | --- | --- | ---
40080 | GUID 1 | Online | 3.0 | | | ONLINE | Gilstrap, Debbie | 28

This course is cross listed with PSYC 5 (CRN# 40099). It is fully online/ asynchronous and will be available through Canvas/iLearn located in the MyGav portal. There is a $13.95 materials fee for this course.

41115 | GUID 1 | Online | 3.0 | | 1/3/2023 - 1/26/2023 | ONLINE | Rivera-Sharboneau, Rosa | 28

This course is cross listed with PSYC 5 (CRN# 41118). It is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal. There is a $13.95 materials fee for this course.

41426 | GUID 1 | Lec | 3.0 | 11:20 am - 12:45 pm | T | PB-19 | Velarde-Barros, Carla | 28

This course is cross listed with PSYC 5 CRN# 41427. If you enroll in this course, you must also enroll in ENGL 1C CRN# 40151. This class is open to all students but designed for Puente students. For more information about the Puente program, please contact the Puente counselor at cvelardebarros@gavilan.edu. There is a $13.95 materials fee for this course.

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. ADVISORY: Eligible for English 250 and English 260.

CRN | Course | Type | Units | Time | Days/Dates | Location | Instructor | Open Seats
--- | --- | --- | --- | --- | --- | --- | --- | ---
40416 | GUID 6 | Online | 2.0 | | | ONLINE | Rivera-Sharboneau, Rosa | 28

This class is a fully online/asynchronous class and will be available through Canvas/iLearn located in the MyGav portal.
GUID 27: Contemporary Leadership
Transferable: CSU; CSU-GE:E, GAV-GE:E2

Do you think of yourself as a leader? Through review of theory and practice, you will have the opportunity to examine your personal values, cultural identity, personality, temperament, motivation and define your own leadership actions and aspirations. You will learn about California Community Colleges' decision-making process, effective communication styles, ethics, learning agility, and power. Finally, using the five leadership practices and ten commitments defined by James Kouzes and Barry Posner and reviewing Robert's Rules of Order, you will be able to identify concrete actions you can take to become an exemplary leader and run effective meetings. The skills you will learn in this course are directly applicable to your academic, personal, and professional life and will demonstrate that anyone can be a leader regardless of age or experience.

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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<td>41843</td>
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<td>Time</td>
<td>ONLINE</td>
<td>Arteaga, Blanca</td>
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<td>28</td>
</tr>
</tbody>
</table>

GUID 28: Tutoring Techniques
Transferable: CSU

This course is designed to meet the College Reading Learning Association (CRLA) - International Tutor Training Program Certification (ITTPC) requirements for Certified Tutor, Level 1 and Level 2. The purpose of this course is to provide training in effective individual and group tutoring skills, attitudes, and behaviors. This course will provide opportunities to practice and analyze these topics and will provide a foundation in how people learn and cultural diversity cultural diversity apply to tutoring. This course has the option of a letter grade or pass/no pass. ADVISORY: Student must be hired by campus program or receive instructor approval to enroll in course.

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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<td>Wong-Lane, Megan</td>
<td>1/16/2023 - 1/26/2023</td>
</tr>
</tbody>
</table>

GUID 557: Learning Skills Evaluation

This course provides an evaluation of the student's cognitive/perceptual abilities and basic skills academic achievement. The evaluation results are used to determine the student's eligibility for Learning Disabilities Services, to develop individual educational plans, and to improve the student's understanding of their own learning strengths and weaknesses. The evaluation is conducted on a one-to-one basis by appointment. Students receive skills training to assist them with their learning difficulties. Units earned in this course do not count toward the associate degree and/or certificate requirements. This is a pass/no pass course.

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</table>

This course meets online by scheduled appointments with the instructor. You must make an appointment through ilearn.gavilan.edu or email aec@gavilan.edu for questions.

GUID 558A: Introduction to Learning Skills Laboratory

The Learning Skills Laboratory (Intro) is designed to assist students who are eligible to receive Learning Disabilities Services and/or have demonstrated academic deficits. The course content is individualized and based on Academic Accommodation Plans (AAP) which are developed for each student. Students receive supplemental instruction, academic support, and learning strategy suggestions appropriate for their individual cognitive, perceptual, and academic strengths and weaknesses. This course is designed for students who need one to one assistance. Units earned do not count toward the associate degree and/or certificate requirements. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This is an open entry/open exit course. ADVISORY: Completion of Guidance 557 or demonstrated academic deficit.

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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This course is an online lab. Go to ilearn.gavilan.edu to begin or make an appointment with your instructors or teaching assistants for questions.

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<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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<th>Instructor</th>
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<td>0.5</td>
<td>Time</td>
<td>ONLINE</td>
<td>Burgman, Lorraine</td>
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</table>

This course is an online lab. Go to ilearn.gavilan.edu to begin or make an appointment with your instructors or teaching assistants for questions.
GUID 558B: Intermediate Learning Skills Laboratory

The Learning Skills Laboratory (Intermediate) is designed to assist students who are eligible to receive Learning Disabilities Services and/or have demonstrated academic deficits. The course content is individualized and based on Academic Accommodations Plans (AAP) which are developed for each student. Students receive supplemental instruction, academic support, and learning strategy suggestions appropriate for their individual cognitive, perceptual, and academic strengths and weaknesses. This course is designed for students who need minimal assistance. Units earned do not count toward the associate degree and/or certificate requirements. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This is an open entry/open exit course. ADVISORY: Completion of Guidance 557 or demonstrated academic deficit.

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</table>

GUID 558C: Advanced Learning Skills Laboratory

The Learning Skills Laboratory (Advanced) is designed to assist students who are eligible to receive Learning Disabilities Services and/or have demonstrated academic deficits. The course content is individualized and based on Academic Accommodations Plans (AAP) which are developed for each student. Students receive supplemental instruction, academic support, and learning strategy suggestions appropriate for their individual cognitive, perceptual, and academic strengths and weaknesses. This course is designed for more independent students. Units earned do not count toward the associate degree and/or certificate requirements. This is a pass/no pass course. May be repeated as necessary based on measurable progress as documented in the Academic Accommodations Plan. This is an open entry/ open exit course. ADVISORY: Completion of Guidance 557 or demonstrated academic deficit.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
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<td>40938</td>
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<td>75</td>
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</tbody>
</table>
This course provides advanced implementation of job coach techniques and strategies for individuals with disabilities in an employment setting. This course is intended for individuals who are employed or have previous experience as a job coach in the vocational and rehabilitative fields. ADVISORY: GUID 600

<table>
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<tr>
<th>CRN</th>
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<th>Type</th>
<th>Units</th>
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<td>04:00 pm - 04:50 pm</td>
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</tbody>
</table>

This class has required Zoom meetings on the days and times listed in the schedule. Go to ilearn.gavilan.edu to begin.

HEALTH EDUCATION

HE 1: Health Education
Transferable: CSU, UC, CSU-GE:E, GAV-GE:E

This course focuses on the exploration of major health issues and behaviors in the various dimensions of health. Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. Topics include nutrition, exercise, weight control, mental health, stress management, violence, substance abuse, reproductive health, disease prevention, aging, healthcare, and environmental hazards and safety. This course has the option of a letter grade or pass/no pass. ADVISORY: College level reading and writing skills or equivalent placement using college assessment practice.

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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HE 2: Human Sexuality
Transferable: CSU, UC; CSU-GE:E, GAV-GE:E2, F

Assists students in gaining increased knowledge, appreciation, and respect for their own sexuality, as well as others. Approved by the Board of Registered Nursing for 54 hours of continuing education credit (Provider #00892). (C-ID: PSY 130) ADVISORY: Eligible for English 250 and English 260

<table>
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<tr>
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<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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HE 5: Introduction to Public Health

This course is an introduction to the discipline of public health. It provides students with the basic concepts and terminologies of public health as well as an overview of the functions of various public health professions and institutions. ADVISORY: Eligible for English 1A.
HE 5: Stress Management

This course examines the stress process and its relationship to health, disease, lifestyle and the sociocultural environment. Stress across ones lifespan will be examined with emphasis on available resources and stress management strategies.

HEATING, VENTILATION, AIR COND

HVAC 204: Air- Conditioning and Heat Pumps

This course provides instruction on the service and installation of Air- Conditioning and Heat Pump systems (commercial rooftop package equipment and residential split systems). Charging methods will be covered which include superheat, sub-cooling, by weight and using the manufacturers charging charts. Emphasis is placed on proper installation techniques required by code. The student will repair an air-conditioning system, using mechanical and electrical troubleshooting techniques such as electrical wiring diagram interpretation. Upon completion the student should be able to service, repair and perform preventative maintenance on residential/commercial air-conditioning and heat pump systems. PREREQUISITE: HVAC 201 and HVAC 202 with a grade of "C" or better.

HVAC 205: Commercial Refrigeration and Ice Machines

This course introduces refrigeration and applications. Topics include defrost methods, safety and operational control, refrigerant piping, refrigerant recovery and charging, and leak testing. This course covers the installation and startup of common commercial refrigeration systems. Topics include display/storage boxes or cases, walk-in systems, and supermarket racks. In addition to that this course introduces the students to commercial ice machines. Emphasis is placed on dispensing machines, ice making equipment, electrical and mechanical operation sequences, control adjustment procedures, preventative maintenance, repair, and installation procedures using a variety of refrigerants and blends. PREREQUISITE: HVAC 201 and HVAC 202 with a grade of "C" or better.

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)
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**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 vs. 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)

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### HIST 3: History of California

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

A study of California's history from pre-contact with Europeans to the present day. Social, cultural, economic, political and environmental issues will be explored towards an understanding of California's history. ADVISORY: Eligible for English 1A.

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<tr>
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<th>Course</th>
<th>Type</th>
<th>Units</th>
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This course is fully online/asynchronous and will be available through Canvas/Learn located in the MyGav portal.

### HIST 4A: Global History Before 1500

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

Beginning with the agricultural revolution, this course examines the development of global society before 1500. With attention to the interactions between humans and environment, developing states, cultures, economies, 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. This course has the option of a letter grade or pass/no pass. (C-ID: HIST 150) ADVISORY: English 280.

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This course is fully online/asynchronous and will be available through Canvas/Learn located in the MyGav portal.

### HIST 7B: History of Western Civilization

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

A study of major elements in western heritage from Renaissance Europe to the present. Emphasis is on ideas, attitudes and institutions basic to western civilization of enduring interest. (C-ID: HIST 180) ADVISORY: Eligible for English 1A.

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This course is fully online/asynchronous and will be available through Canvas/Learn located in the MyGav portal.

### HIST 10: African-American History

This class examines how social, political, cultural, intellectual, and economic aspects of African-American life developed in the course of United States history. Students will explore the early effects of race-based ideology, and will consider the legacies of slavery and African-American economic underdevelopment. Students will also learn about the contributions of various African-American individuals and groups to the modern United States, and will use various indicators to assess the current state of the nation's ethnic relations. Also listed ETHN 10B.

<table>
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<th>Units</th>
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### HIST 12: Mexican American Cultural History

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

The Mexican American experience as influenced by society in the United States. Emphasis will be on the historical and contemporary contributions made by the Indian, Spanish, Mexican, and Mexican American. Emphasis will also be on the social, economic, and political milieu of the Mexican American within the context of the American society. This course has the option of a letter grade or pass/no pass. This course is also listed as ETHN 12.

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<th>CRN</th>
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<th>Type</th>
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**HIST 12: Ancient Americas: A History through Art**
Transferable: CSU, UC; CSU-GE:C1, IGETC:3A, GAV-GE:C1, F

A critical survey of history through the arts of pre-Columbian natives of North, Central and South America. The course will cover major societies and events from the appearance of major civilizations through the initial colonization efforts of European nations. Due to the distinct history of the Americas, this course uses the arts - architecture, sculpture, ceramics and painting, among others - of ancient societies as a primary source material. This course has the option of a letter grade or pass/no pass. This course is also listed as ART 21. ADVISORY: Eligible for English 250.

**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.

**HUM 4: Introduction to American Cinema**
Transferable: CSU, UC; CSU-GE:C2, IGETC:3B, GAV-GE:C2

This introductory course in film studies is a survey of the American film industry as an art form, as an industry, and as a system of representation and communication. The course explores how Hollywood films work technically, aesthetically, and culturally to reinforce and challenge America's national self-image. ADVISORY: English 440

**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)
JOURNALISM

JOUR 10: Mass Media and Society
Transferable: CSU, UC; CSU-GE:C2, D2, IGETC:4J, GAV-GE:C2, D2
This course helps students understand the evolution in mass media by focusing on the history, economics and social impact of the book publishing, newspaper, magazine, film, music, television, journalism, advertising, public relations industries, as well as the impact of digital industries built on the Internet. Students will study propaganda and mass communication theory, media literacy, and discuss new technology, ethnic media in the United States, ethical issues and attempts to regulate or control the media. This course is also listed as SOC 10. This course has the option of a letter grade or pass/no pass. (C-ID: JOUR 100).

KINESIOLOGY

KIN 2: Introduction to Kinesiology
Transferable: CSU, UC
This course is designed to examine the field of kinesiology from a historical, ethical, philosophical, and contemporary viewpoint. The broad spectrum of kinesiology, using the interdisciplinary approach to the study of human movement will be discussed. Sub-disciplines in the field along with career options will be introduced. Previously listed as PE 2. (C-ID: KIN 100) ADVISORY: Eligible for English 250 and English 260.

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

KIN 7: Theory of Sports Management
Transferable: CSU
This course introduces the theory of organizing, planning, directing and controlling a sports program. Areas such as budgeting, fundraising, advertising, marketing, and studying contract law will also be included.

Online Classes - To start your course, go to: https://my.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.
**KIN 8: Introduction to Sports Psychology**

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

A course designed to provide the student with some of the theoretical and practical knowledge of applying psychological techniques within sport situations and to better understand the relevance of mental factors necessary to maximize athletic performance. Some of the areas that will be addressed are motivation, goal setting, the use of mental imagery, time management, and deal with stress. The relationship between life in sport and life outside of sport and how each affect performance will also be covered. This class has the option of a letter grade or pass/no pass. Previously listed as PE 8.

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<th>Course</th>
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This class is fully online, with no set days and time. Students will log into ilearn on the first day of class.

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**KIN 15: Sports and Society**

Transferable: CSU, UC; GAV-GE:F

This course examines the role of sports in society. It will look at how sports influences and shapes the world by investigating the historical, social, economic and political impact of sports on society.

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**KIN 44A: Core and Cardio - Level 1**

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

This course utilizes a variety of activities to improve one's aerobic fitness. Emphasis will be on student's exercising at a moderate exertion level. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 44. Courses should be taken in sequential order.

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This lab class will meet online. Students will use the ilearn shell for the course.

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**KIN 44B: Core and Cardio - Level 2**

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

This course utilizes a variety of activities to improve one's aerobic fitness. Emphasis will be on student's exercising at an intermediate exertion level. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 44. Courses should be taken in sequential order.

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This lab class will meet online. Students will use the ilearn shell for the course.

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**KIN 44C: Core and Cardio - LEVEL 3**

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

This course utilizes a variety of activities to improve one's aerobic fitness. Emphasis will be on student’s exercising at a high intensity level. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 44. Courses should be taken in sequential order.

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Online Classes - To start your course, go to: https://my.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.
KIN 62A: Yoga - Beginning

Coeducational activity designed for beginning yoga students. The emphasis will be on physical alignment and form, accessing postures through the use of props. This is a program designed to improve flexibility and reduce stress by learning a series of poses and focusing on the proper breathing techniques. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 62. Courses should be taken in sequential order.

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</table>

KIN 62B: Yoga - Intermediate

Coeducational activity designed for intermediate yoga students. Emphasis will be on strength, stamina, and flexibility. This is a program designed to improve flexibility and reduce stress by learning a series of poses and focusing on proper breathing techniques. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 62. Courses should be taken in sequential order.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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<td>ONLINE</td>
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</tbody>
</table>

KIN 62C: Yoga - Advanced

Coeducational activity designed for advanced yoga students. Emphasis will be on linking the breath, drishti, and mudras with the appropriate pose. This is a program designed to improve flexibility and reduce stress by learning a series of poses and focusing on proper breathing techniques. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 62. Courses should be taken in sequential order.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
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</table>
KIN 70A: Pilates - Level 1
Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

This class utilizes the Pilates exercise system focused on improving the total body through a series of controlled movements. Emphasis will be on developing core awareness, physical alignment, and form. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 70. Courses should be taken in sequential order.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
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</table>

This lab class will meet online. Students will use the ilearn shell for the course.

KIN 70B: Pilates - Level 2
Transferable: CSU, UC; CSU-GE:E, GAV-GE:E1

This class utilizes the Pilates exercise system focused on improving the total body through a series of controlled movements. Emphasis will be on strength, stamina, and flexibility. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 70. Courses should be taken in sequential order.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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</tbody>
</table>

This lab class will meet online. Students will use the ilearn shell for the course.

KIN 70C: Pilates - Level 3
Transferable: CSU; CSU-GE:E

This class utilizes the Pilates exercise system focused on improving the total body through a series of controlled movements. Emphasis will be on performing all thirty-four (34) exercises in the complete Pilates mat routine. This course has the option of a letter grade or pass/no pass. Previously listed as KIN 70. Courses should be taken in sequential order.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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</table>

This lab class will meet online. Students will use the ilearn shell for the course.

KIN 84: Assessment of Fitness Techniques
Transferable: CSU; GAV-GE:E1

This course is designed to provide the student with a foundation of the principles and techniques of conducting assessments for each of the health related components of fitness. This includes health screening details, how to use them in the determination of program design, and medical referral prior to exercise participation testing. This course provides practical lab application of the material presented in lecture.

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
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<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</table>

This class meets online and inperson. The lecture will meet online through ilearn and the lab will meet inperson at the scheduled date, time and location.

KIN 92: Stress Management
Transferable: CSU; CSU-GE:E

This course examines the stress process and its relationship to health, disease, lifestyle and the sociocultural environment. Stress across ones lifespan will be examined with emphasis on available resources and stress management strategies.

Online Classes - To start your course, go to: https://my.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

<table>
<thead>
<tr>
<th>CRN</th>
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This class is fully online, with no set days and time. Students will log into ilearn on the first day of class.

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This class is fully online, with no set days and time. Students will log into ilearn on the first day of class.

<table>
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### LIBRARY

#### LIB 140: Online Health Research

Transferable: CSU

A beginning course on how to find reliable and current health-related information, using the Internet and other electronic resources. This course is also listed as AH 140.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
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<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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### MATHEMATICS

#### 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.

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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<th>Days/Dates</th>
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</table>

This is a hybrid class. 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 to begin. Students taking this class are encouraged to sign up for the Prepare for Calculus Workshop, offered Thursday/Friday 1/19/2023-1/20/2023 and Monday/Tuesday/Wednesday 1/23/2023-1/25/2023, 9:00 AM - 4:10 PM. This workshop will review content needed to do well in Math 1 A/B/C. Please email Erik Medina, emedina@gavilan.edu, to sign up.

Students taking this class who are STEM majors are eligible to join the STEM Academy, a program that provides comprehensive supports to its members. The application can be found at www.gavilan.edu/stem.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
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#### 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.

<table>
<thead>
<tr>
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<th>Units</th>
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**MATH 7: Finite Mathematics**

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

Systems of linear equations and matrices, introduction to linear programming, finance, counting techniques and probability, properties of probability and applications of probability. **PREREQUISITE:** Mathematics 235 OR Mathematics 240 OR equivalent with a grade of “C” or better.

<table>
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<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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<th>Days/Dates</th>
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**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.
<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
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This is a hybrid class. 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 to begin. Students taking this class are encouraged to register for Math 415 (Review of Algebra) CRN 40483 offered Thursday/Friday 1/19/2023-1/20/2023 and Monday/Tuesday/Wednesday 1/23/2023-1/25/2023, 9:00 AM - 4:10 PM.

Students taking this class who are STEM majors are eligible to join the STEM Academy, a program that provides comprehensive supports to its members. The application can be found at www.gavilan.edu/stem.

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<tr>
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<table>
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<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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This is a hybrid class. 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 to begin.

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<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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<th>Open Seats</th>
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This is a hybrid class. All classes meet on the listed days and times. Each week, two class sessions meet on-campus and two class sessions meet online. Go to ilearn.gavilan.edu to begin. Students taking this class are encouraged to register for Math 415 (Review of Algebra) CRN 40483 offered Thursday/Friday 1/19/2023-1/20/2023 and Monday/Tuesday/Wednesday 1/23/2023-1/25/2023, 9:00 AM - 4:10 PM.

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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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
<th>Instructor</th>
<th>Open Seats</th>
</tr>
</thead>
<tbody>
<tr>
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<td>M</td>
<td>PS-102</td>
<td>Dachkov a, Elena</td>
<td>40</td>
</tr>
</tbody>
</table>

This is a hybrid class. 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 ilearn.gavilan.edu to begin.

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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</table>

This course is ONLINE LIVE. See the legend for more information.

Students enrolled in this section of Math 215 must be concurrently enrolled in Math 5 (CRN 40426).

MUSIC

MUS 1A: Music History and Literature
Transferable: CSU, UC; CSU-GE:C1, IGETC:3A, GAV-GE:C1

A survey of the development of music in western civilization including representative composers from the Medieval to the present. Music 1A will study the music and styles from the Medieval to the Romantic period. Music 1A will study the music and styles from antiquity through 1750.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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</thead>
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</table>

This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

MUS 1B: Music History and Literature
Transferable: CSU, UC; CSU-GE:C1, IGETC:3A, GAV-GE:C1

A survey of the development of music in western civilization including representative composers from the 1750 to present. Music 1B will study the music and styles from Classical period to the present.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
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<th>Time</th>
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</table>

Students do not have to complete MUS 1A in order to enroll into MUS 1B.

This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.
# MUS 2: History of Jazz and Rock

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

This course covers the introduction and history of jazz and rock music from traditional, ragtime, boogie-woogie, swing, bebop, and cool, to various contemporary jazz, rock and fusion art forms. It includes a study of the forces that have shaped the art from European, African, Latin, and African-American influences. The class explores the contributions and conflicts of African-American influences throughout the history and development of this American music.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
<th>Instructor</th>
<th>Open Seats</th>
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</table>

This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

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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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
<th>Instructor</th>
<th>Open Seats</th>
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<td>MU-101</td>
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</tbody>
</table>

This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

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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.

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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</tbody>
</table>

This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

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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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</thead>
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<td>Lec</td>
<td>4.0</td>
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</tbody>
</table>

This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

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# MUS 3D: Harmony, Theory, Musicianship IV

Transferable: CSU, UC; GAV-GE:C1

Continuation of Music 3C. Analysis and composition. MUS 3A, 3B, 3C and 3D must be taken in sequence. (C-ID: MUS 150) PREREQUISITE: Music 3C

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Online Classes - To start your course, go to: https://my.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.
MUS 3D: Introduction to Music Fundamentals and Keyboard Technique

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: 40802  Type: Lec  Units: 4.0  Time: 12:55 pm - 02:20 pm  Days/Dates: TR  Location: MU-101  Instructor: Behroozi, Dahv ed  Open Seats: 40

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: 40733  Type: Lab  Units: 3.0  Time: 09:45 am - 11:05 am  Days/Dates: W  Location: MU-102  Instructor: Amirkhanian, Maria  Open Seats: 18

MUS 15: Music Appreciation

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

This course is designed to acquaint the students with the elements of music and the primary musical periods of traditional Western European classical music. Students will have a brief overview of the major composers and their music through class lectures, listening to musical examples in class, reading the text, listening to musical examples provided on the student CDs or recordings, actively engaging in class discussions, attending live concerts of suggested performances, and completing research papers and/or oral presentations pertinent to the course material.


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 of 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.


PHIL 1: Introduction to Logic

Logic is the study of good reasoning. This course will explore two important modes of reasoning: deduction and induction. We will use formal methods from sentential logic, including truth tables and proofs, to test for correct or ‘valid’ inferences. Common mistakes in reasoning (i.e., fallacies) will be examined, as well as language and scientific reasoning. Practical application in logic outside the classroom will be emphasized. ADVISORY: Eligible for English 1A.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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</table>

This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

PHIL 2: Introduction to Logic

Transferable: CSU, UC; CSU-GE:A3, GAV-GE:C2

This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

<table>
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<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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<th>Days/Dates</th>
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PHIL 3B: Contemporary Moral Issues

Transferable: CSU, UC; CSU-GE:C2, IGETC:3B, GAV-GE:C2, E2

Contemporary Moral Issues in an applied ethics class that covers major ethical theories and contemporary moral issues in a pluralistic manner. This course will cover such issues as abortion and euthanasia, cloning, experimentation on human subjects, capital punishment, race/ethnicity, sexual orientation and sexual morality, world hunger and poverty, colonialism and post-colonialism, and so forth. ADVISORY: Eligible for English 1A.

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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<tr>
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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, playing 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.

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.
PHYSICAL EDUCATION - ADAPTED

APE 36: Adapted Physical Education
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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
<th>Instructor</th>
<th>Open Seats</th>
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<td>40788</td>
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<td>1.0</td>
<td>08:10 am - 09:35 am</td>
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<td>30</td>
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</tbody>
</table>

This online class will meet via zoom on the days and times listed in the schedule. To begin, go to ilearn.gavilan.edu.

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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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<tbody>
<tr>
<td>40791</td>
<td>APE 38</td>
<td>Online</td>
<td>1.0</td>
<td>09:45 am - 11:10 am</td>
<td>TR</td>
<td>ONLINE</td>
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<td>30</td>
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</tbody>
</table>

This online class will meet via zoom on the days and times listed in the schedule. To begin, go to ilearn.gavilan.edu.

APE 536: Adapted Physical Education
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 is a pass/no pass course.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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<td>30</td>
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</tbody>
</table>

This online class will meet via zoom on the days and times listed in the schedule. To begin, go to ilearn.gavilan.edu.

PHYSICAL SCIENCE

PSCI 1: Principles of Physical Science
Transferable: CSU, UC, CSU-GE:B1, IGETC:5A, GAV-GE:B1
An introduction to the physical sciences for the non-science major. Attention is focused on fundamental laws of nature, their development and relation to the physical world. PREREQUISITE: Skills equivalent to those in an Elementary Algebra course. ADVISORY: English 280.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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<tbody>
<tr>
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<td></td>
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<td>40</td>
</tr>
</tbody>
</table>

This course is ONLINE. See the legend for more information.

PHYSICS
PHYS 1: Introduction to Physics
Transferrable: CSU, UC; CSU-GE:B1, B3, IGETC:5A, 5C, GAV-GE:B1, B3

This course is an introduction to the fundamental physical principles that control the world around us. Students will explore the fundamental principles of physics, their historical development, their application to everyday phenomena, and their impact upon political, social, and environmental issues. Laboratory exercises will explore the everyday world. ADVISORY: Mathematics 430 or skills equivalent to those in an Elementary Algebra course.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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<td>02:30 pm - 03:55 pm</td>
<td>TR</td>
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<td>STAFF, S</td>
<td>35</td>
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</table>

PHYS 2B: General Physics II
Transferrable: 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 electricity and magnetism, light and optics, modern physics, and an introduction to relativity. (C-ID: PHYS 110) (C-ID: PHYS 100S: Phys 2A + Phys 2B) PREREQUISITE: Physics 2A with a grade of ‘C’ or better. ADVISORY: Eligible for English 250 and English 260.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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PHYS 4A: Physics for Scientists and Engineers - Mechanics
Transferrable: CSU, UC; CSU-GE:B1, B3, IGETC:5A, 5C, GAV-GE:B1, B3

An introduction to the principles of physics using calculus. Topics include kinematics in one, two and three dimensions, vectors, equilibrium and non-equilibrium applications of Newton's Laws, work and energy, momentum, systems of particles, rotational kinematics and dynamics, properties of materials, and fluid mechanics. (C-ID: PHYS 205) (C-ID: PHYS 200S: Phys 4A + Phys 4B + Phys 4C) PREREQUISITE: Completion of MATH 1A with a grade of ‘C’ or better. CO-REQUISITE: MATH 1B.

ADVISORY: A year of high school physics or PHYS 1 or PHYS 2A.

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PHYS 4C: Physics for Scientists and Engineers-Heat/Optics/Modern Physics
Transferrable: CSU, UC; CSU-GE:B1, B3, IGETC:5A, 5C, GAV-GE:B1, B3

An introduction to the principles of physics using calculus. Topics include waves, sound, optics, interference, diffraction, thermal energy, the Laws of Thermodynamics, the kinetic theory of gases, an introduction to special relativity and selected topics from modern physics. (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.
## POLITICAL SCIENCE

### POLS 1: Introduction to American Government


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)

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### POLS 3: Introduction to Comparative Politics

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

Comparative survey of political institutions and processes around the globe. Selected nations may include, but are not restricted to: the United Kingdom, France, Germany, Japan, Russia, India, Nigeria, and Mexico. (C-ID: POLS 130) ADVISORY: Eligible for English 250 and English 260.

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### POLS 5: Introduction to Modern International Terrorism

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

This course centers on conceptually defining terrorism (all types-foreign and domestic, left and right-wing, religious, environmental, and political, state and non-state), tracing the history and beginnings of modern international and domestic terrorism, critically examining the various U.S.- global responses to the 9-11-01 attacks, as well as generally evaluating and assessing how countries and people around the world try to cope with, prevent and/or respond to attacks by terrorist organizations, groups, or acts of terrorism perpetrated by nation-states or groups working with nation-states. This course has the option of a letter grade or pass/no pass. This course is also listed as AJ 5.

Online Classes - To start your course, go to: https://my.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.
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 ADVISORY: English 250 and English 260.

CRN  Course   Type  Units  Time   Days/Dates  Location  Instructor  Open Seats
40639  POLS 6  Lec  3.0  09:45 am - 11:10 am  T  CDC-110  Andrade, Veronica  28
HYBRID; T in CDC 110; R ONLINE-LIVE; this is cross listed with POLS 6 and PSYCH 6

PSYCHOLOGY

PSYC 2: Early Child Development

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
40976  PSYC 2  Online  3.0  ONLINE  Hori, Jeanne  30

PSYC 3: Child Growth and Development During the School Years

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).
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.

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 ADVISORY: English 250 and English 260.

PSYC 7: Cultural Context of Child and Family in a Diverse Society

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

Examines cultural influences on child-rearing practices, family values, and human development. Perspectives from social sciences are used to critique and review theoretical and practical implications of oppression and privilege as they apply to families, schools, and communities, including historical and socio-cultural factors. The processes of socialization and identity development, and the importance of respectful, reciprocal relationships that support and empower families. Self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling. Also listed as CD 7.
PSYC 10: Introduction to Psychology

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.

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PSYC 32: Introduction to Research Methods
Transferable: CSU; CSU-GE:D2, IGETC:4G, GAV-GE:D2

An overview of the methodologies used in experimental, quasi-experimental, and non-experimental research in psychology. Students will learn how to design and conduct research, including formulating hypotheses, reviewing the literature, evaluating ethical issues, selecting methodologies, organizing data, applying statistics, and writing reports. This course is also listed as ANTH 32 and POLS 32. PREREQUISITE: PSYC 10 with a grade of "C" or better and MATH 5 with a grade of "C" or better.

---

PSYC 40: Child Development

This course examines the development within the psychosocial, cognitive/language development, and physical domains, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages. This course is appropriate for those working with students in transitional kindergarten, kindergarten, and early education classrooms. Also listed as CD 40. (C-ID: CDEV 100) Transfer students should consult with an advisor.
## REAL ESTATE

### RE 160: Real Estate Principles
Transferable: CSU

The fundamental course covering an introduction to the field of real estate, including economics, working concepts, forms and terminology. This course prepares the student for the California Department of Real Estate License exam. This course has the option of a letter grade or pass/no pass.

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### RE 162: Real Estate Practice
Transferable: CSU

Introduction to the practice of real estate in California; emphasis on the practical application of listings, selling, advertising, financing, escrow, taxation, and valuation of real estate. This course meets a requirement for the California Broker's License. This course has the option of a letter grade or pass/no pass. ADVISORY: Real Estate 160

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## SOCIAL JUSTICE STUDIES

### SJS 5: Introduction to Women's Studies
Transferable: CSU; CSU-GE:D2, IGETC:4G, GAV-GE:D2, F

This course offers an introduction to Women's Studies, an interdisciplinary academic field that explores the meaning of gender in society as it relates to the status of women. Students will analyze the social construction of gender, feminism, and gender issues in relation to family, education, work, health and reproduction, law, sexuality, media/representation, and globalization. Students will apply critical concepts and tools of feminist and gender studies in their academic and personal lives, and in the community; and they will contribute to the struggle for gender equality. ADVISORY: Eligible for English 1A

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This course is fully online/asyncronous and will be available through Canvas/iLearn located in the MyGav portal.

## 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.
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**SOC 1B: Introduction to Sociology: Social Problems**

Transferable: CSU, UC; CSU-GE:C2, D2, IGETC:4J, GAV-GE:C2, D2

This course provides an overview of how sociologists understand, identify, and address social problems, including the role of power and ideology in the definition of social problems. Students will be introduced to and critically evaluate various theories to explain and analyze the causes and consequences of social problems, their presence in our lives, and the extent to which they can be defined as social problems. In addition to identifying contemporary social problems, students will explore the root causes of these social problems and search for potential solutions and methods of intervention. Some issues that may be examined are: economic globalization, immigration, poverty, inequalities in educational and employment opportunities, race and gender inequality, and crime and violence in society. (C-ID: SOCI 115).

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**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 in 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: SOCI 150). Also listed as ETHN 3B.

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**SOC 10: Mass Media and Society**

Transferable: CSU, UC; CSU-GE:C2, D2, IGETC:4J, GAV-GE:C2, D2

This course helps students understand the evolution in mass media by focusing on the history, economics and social impact of the book publishing, newspaper, magazine, film, music, television, journalism, advertising, public relations industries, as well as the impact of digital industries built on the Internet. Students will study propaganda and mass communication theory, media literacy, and discuss new technology, ethnic media in the United States, ethical issues and attempts to regulate or control the media. This course is also listed as JOUR 10. This course has the option of a letter grade or pass/no pass. (C-ID: JOUR 100)
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This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

**SOC 21: Marriage and the Family**
Transferable: CSU; CSU-GE:E, GAV-GE:E2

Overview of the sociological study of the family as a social institution. Examines historical and contemporary family patterns, theoretical perspectives regarding family roles and formation, and the effect of the economy, public policy, and other social institutions on families. Emphasis placed on gender, sexuality, social class, and racial/ethnic diversity in American families. (C-ID: SOCI 130)

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This course is fully online/asynchronous and will be available through Canvas/iLearn located in the MyGav portal.

**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)

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<td>TR</td>
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</tbody>
</table>

Continuation of Spanish 1A. Further development of the four skills of understanding, speaking, reading and writing Spanish. This course will continue to emphasize the study of Hispanic culture and institutions. This course has the option of a letter grade or pass/no pass. PREREQUISITE: Spanish 1A or equivalent.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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<td></td>
<td></td>
<td></td>
<td>ONLINE</td>
<td>Perez, David</td>
<td></td>
</tr>
</tbody>
</table>

This course continues to expand upon culture and facilitate language acquisition through listening, speaking, reading and writing. Students will interact with more sophisticated authentic language in context. Content continues to expand in order to express more complex ideas, in order to express personal meaning and to apply different strategies and techniques to go beyond casual conversation and express opinions, make suggestions on familiar topics, as well as some abstract issues and plans. Students demonstrate an increased awareness of cultural norms, values, and culturally relevant appropriate customs and events. Accuracy becomes quite high and for high frequency structures and vocabulary but more complex discourse is still developing and requires a somewhat sympathetic listener or reader. Students will continue to demonstrate the ability to think critically by analyzing linguistic structures and reflecting on making cross-cultural comparisons. This course is taught primarily in Spanish. This course has the option of a letter grade or pass/no pass. (C-ID: SPAN 210) PREREQUISITE: Spanish 2A or equivalent.
### SPAN 12B: Spanish for Spanish Speakers

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

This course continues to provide instruction that builds upon the existing reading, writing, speaking and listening skills and cultural heritage and knowledge of these students. The course will continue to increase awareness of linguistic registers, discuss items beyond the familiar routine and expand upon their appreciation for Hispanic cultures as manifested in Spanish speaking countries and in the United States. This course has the option of a letter grade or pass/no pass. (C-ID: SPAN 230)

**Prerequisite:** Spanish 12A or equivalent.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</table>

### THEA 3: El Teatro Campesino

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

Reading, viewing and discussing the development of the Chicano (Mexican American) culture in American Society reflected in the works of playwright and director Luis Valdez and El Teatro Campesino (The Farm Worker’s Theatre) are the focus of this course. It traces the historical and cultural influences of the theatrical company from its creation in 1965 to the present. Students will read actos, plays and view live theatrical production, film and video produced by El Teatro Campesino. This course has the option of a letter grade or pass/no pass.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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</table>

### THEA 3: El Teatro Campesino

This course is fully online/asyncronous and will be available through Canvas/Learn located in the MyGav portal.

### 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)

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</table>

This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asyncronous and will be available through Canvas/Learn located in the MyGav portal.

### 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
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</table>

This is a hybrid class. The class meets on the listed days and times. The remaining portion of the class is online/asyncronous and will be available through Canvas/Learn located in the MyGav portal.
THEA 20: Introduction to Scriptwriting
Transferable: CSU; CSU-GE:C1

An introductory course on script development and writing for film, television and electronic media. Emphasis on preparing scripts in proper formats, conceptual and stylistic issues related to writing fiction and non-fiction scripts. This course has the option of a letter grade or pass/no pass.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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AE 636: Adapted Physical Education

An individualized program of adapted physical education activities designed to meet the needs of students who have physical limitations or disabilities. The course assists in the development and appreciation of physical activity as a regular planned contribution to one's overall physical fitness. This course is for the non-matriculating student, is not graded and is without college credit. ADVISORY: Students must be able to document a physical disability.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
<th>Location</th>
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WATER RESOURCES MANAGEMENT

WTRM 209: Advanced Water Treatment Plant Operation

This course focuses on advanced water quality control and treatment with emphasis on state regulations, EPA regulations, advanced mathematics and water chemistry. The course will include an in-depth study of treatment plant processes and their relation to current water quality regulations. This course will be helpful to those preparing for the CDPH Grade T3, T4 and T5 examinations. This course was previously listed as WTRM 109. ADVISORY: WTRM 202 Beginning Water-Wastewater Mathematics; WTRM 206 Beginning Water Treatment Plant Operation.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
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</table>

Online Classes - To start your course, go to: https://my.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.
WTRM 211: Advanced Wastewater Treatment Plant Operation

This course is designed to familiarize students with advanced wastewater treatment systems, including secondary and tertiary treatment, solids handling, disinfection, reclamation of wastewater, as well as laboratory study. The course prepares students for the CSWRB Wastewater Treatment Plant Operator examinations. This course was previously listed as WTRM 111. ADVISORY: WTRM 201 Introduction to Water/Wastewater Technology; WTRM 207 Beginning Wastewater Treatment Operation.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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<th>Location</th>
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WTRM 217: Water Use Efficiency Practitioner

This course focuses upon the efficient use and conversation of water in the following contexts: overall supply and demand; utility operations and measures; residential uses and measures; commercial, institutional uses and measures; and landscape uses and measures. This course was previously listed as WTRM 117.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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WTRM 233: Water Conservation

This course provides technical and practical information in water use efficiency, the need for and major components of comprehensive water conversation programs and the role of the water conservation coordinator in the public water supply industry. Topics include: customers and their water uses, water sustainability factors, regulatory agencies and careers/opportunities in the field of water management. This class will help the student prepare for the AWWA Grade 1 Water Conservation Practitioner Certification. This course was previously listed as WTRM 133.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
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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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Location</th>
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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.
### 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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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<td>25</td>
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</table>

### 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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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<th>Days/Dates</th>
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</table>

### 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.

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<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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<td>ONLINE-LIVE</td>
<td>Yildiz Garcia, Hande</td>
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</tbody>
</table>

### 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 709.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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</table>

### 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.
### 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.

### 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.

### ESL 739: NC 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.
ESL 741: NC Intermediate ESL Listening, Speaking II

This is the third course in a series of integrated skills courses designed to continue to develop listening, speaking, and pronunciation skills of high-intermediate ESL students. Activities, which include extended listening exercises, open-ended dialogues, pair and group discussions, oral interviews, and oral reports, broaden the students' vocabulary while listening to and speaking in both formal and informal, conversational and academic situations. PREREQUISITE: ESL 538 or ESL 738 or ESL 531 or ESL 731 or ESL Assessment Recommendation.

ESL 744: NC Culture Through Film

This course is designed to practice listening and speaking skills through the use of selected films. The course highlights different intercultural issues and aspects of American culture, and students enhance their listening and speaking skills by means of authentic discourse. Because film provides a real sample of speech in a multi-dimensional experience, ESL learners can experience the language in a more complete manner while analyzing cultural issues. ADVISORY: ESL 738, or ESL Assessment Recommendation.

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.
ESL 749: ESL 749 ONLINE-LIVE
06:00 pm - 09:05 pm
MW
1/30/2023 - 5/26/2023
ONLINE-LIVE
STAFF, S

ESL 749: ESL 749 ONLINE-LIVE
08:15 am - 10:10 am
MTR
1/30/2023 - 5/26/2023
ONLINE-LIVE
STAFF, S

ESL 764: NC Advanced ESL Grammar

This course is designed to expand grammar usage to include noun and adverb clauses in oral and written communication. Students are introduced to conditionals, both real and unreal. They also learn to use the Passive Voice. These grammar structures constitute some of the most complex structures in English and expose students to a rich variety of structures that can effectively enhance their oral and written expression. PREREQUISITE: ESL 549 or ESL 749 or ESL 547 or ESL 747 or ESL Assessment Recommendation.

ESL 769: ESL Literacy II

This is the second part of a pre-ESL survival course that is designed for students with very limited reading/writing skills. The focus is on letter formation, sight-sound recognition and decoding skills. ADVISORY: Placement by the CASAS test.

Online Classes - To start your course, go to: https://my.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.
<table>
<thead>
<tr>
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<th>Type</th>
<th>Units</th>
<th>Time</th>
<th>Days/Dates</th>
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**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

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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**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

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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**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

Online Classes - To start your course, go to: https://my.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.
### 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

<table>
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<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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<th>Days/Dates</th>
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### ESL 789: NC ESL Lifeskills 2

This is the second 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 785 -NC ESL Lifeskills 1B or ESL 788-NC ESL Lifeskills 1 or ESL Assessment Recommendation.

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### 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.

<table>
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<tr>
<th>CRN</th>
<th>Course</th>
<th>Type</th>
<th>Units</th>
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### LIFE

**LIFE 700: Workforce Preparation and Job Readiness**

This non-credit course is designed for prospective employees that will assist them in workforce preparation. Students will practice decision making and problem solving skills that can be utilized to enter the workplace. Completers of this course will gain training in preparing for job search and obtainment through a variety of activities that will focus on speaking, listening, reading, and writing.
LIFE 701: Workplace Success

This non-credit course is designed for prospective and/or current employees. Students will practice decision making and problem solving skills that will enhance workplace communication, interpersonal communication, customer service skills, time management, and organizational skills. Completers of this course will gain training in successfully navigating the workplace through a variety of activities that will focus on speaking, listening, reading, and writing. PREREQUISITE: LIFE 700.

COMPUTER SCI & INFO SYSTEMS

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.

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.

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.
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.

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<th>Course</th>
<th>Type</th>
<th>Units</th>
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ESL 541: Intermediate ESL Listening, Speaking II

This is the third course in a series of integrated skills courses designed to continue to develop listening, speaking, and pronunciation skills of high-intermediate ESL students. Activities, which include extended listening exercises, open-ended dialogues, pair and group discussions, oral interviews, and oral reports, broaden the students’ vocabulary while listening to and speaking in both formal and informal, conversational and academic situations. PREREQUISITE: ESL 538 or ESL 738 or ESL 531 or ESL 731 or ESL Assessment Recommendation.

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