CSLOS

Las Positas College – Summer 2025

Date: 06/09/2025

American Sign Language

Division: A&H (Arts & Humanities)

CSLOs

ASL 1A American Sign Language I

Upon completion of ASL 1A, students will be able to:

- Demonstrate proficiency in comprehension of American Sign Language for daily living contexts.
- Demonstrate receptive and expressive ASL grammatical functions and knowledge for daily living.
- Properly respond in American Sign Language to simple questions about their selves and surroundings.

Anthropology

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

ANTR 1 Biological Anthropology

Upon completion of ANTR 1, students will be able to:

- Deconstruct the biological concept of "race."
- Describe and identify fossil hominid species.
- Explain how natural selection works.

Apprenticeship Ironworkers

Division: PATH (Public Safety, Adv. Manufacturing, Transportation, Health & Kinesiology)

CSLOs

APCL 105 Rigging and Signaling

Upon completion of APCL 105, students will be able to:

- Demonstrate the safety procedures of rigging and signaling.
- Understand why standard hand signals must be used.

Art

Division: A&H (Arts & Humanities)

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ARTS 2A Introduction to Drawing

Upon completion of ARTS 2A, the student should be able to:

- Demonstrate ability to recognize and recreate, on a picture plane, observed values and proportions.
- Compose drawings with the elements and principles of visual art and design.
- Implement materials common to the drawing process.

ARTS 7A Introduction to Watercolor Painting

Upon completion of ARTS 7A, the student should be able to:

- Demonstrate a knowledge and awareness of color theory and a variety of application techniques.
- Demonstrate an aesthetic awareness of value and its uses in creating light and space on a 2 dimensional plane.
- Demonstrate proficiency in the basic techniques of watercolor painting: flat wash, glazing, wet-in-wet.
- Demonstrate the use of materials and equipment of the craft of painting in watercolor.
- Produce watercolor paintings using basic techniques.

ARTS 7B Watercolor Painting

Upon completion of ARTS 7B, the student should be able to:

- Complete a body of paintings that demonstrates an understanding of specific subject based material.
- Demonstrate a knowledge of composition.
- Demonstrate a mastery of watercolor application and techniques.
- Produce watercolor paintings demonstrating intermediate color theory applications.
- Produce watercolor paintings demonstrating intermediate value applications.

ARTS 7C Advanced Watercolor Painting I

Upon completion of ARTS 7C, the student should be able to:

- Demonstrate advanced painting skills utilizing interdisciplinary/hybrid approaches to painting utilizing watercolors alone or modified with mixed media.
- Demonstrate aesthetic independence, critical thinking, creative initiative, and formal knowledge via an independent research project.
- Identify advanced technical problems, analyze and objectively assess advanced watercolor paintings in a verbal critique.
- Produce watercolor paintings demonstrating advanced color theory applications utilizing watercolors alone or modified with mixed media.
- Produce watercolor paintings demonstrating advanced composition applications.

ARTS 7D Advanced Watercolor Painting II

Upon completion of ARTS 7D, the student should be able to:

- Demonstrate advanced painting skills utilizing interdisciplinary/hybrid approaches to painting utilizing watercolors alone or modified with mixed media.
- Demonstrate aesthetic independence, critical thinking, creative initiative, and formal knowledge via an independent research project.
- Identify and create advanced watercolor paintings utilizing advanced painting skills.
- Produce watercolor paintings demonstrating advanced color theory applications utilizing watercolors alone or modified with mixed media.
- Upon completion of ARTS 7D, the student should be able to produce watercolor paintings demonstrating advanced composition applications.

Art History

Division: A&H (Arts & Humanities)

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ARHS 1 Introduction to Art History

Upon completion of ARHS 1, the student should be able to:

- Demonstrate critical and creative thinking by applying interdisciplinary approaches to the interpretation of artwork.
- Identify formal elements in an artwork and be able to ascertain how these elements create meaning in the chosen art work.
- Identify themes of art within a chosen art work across a broad range of cultures and time periods.

ARHS 2 Art of the Ancient Americas

Upon completion of ARHS 2, the student should be able to:

- Analyze artwork of the Ancient Americas using art historical methodology.
- Identify and evaluate art historical styles, movements, and concepts in the art of the Ancient Americas.
- Recognize the relationship between art and its geographic, cultural, and historical context.

ARHS 4 Western Art History – Ancient to Medieval

Upon completion of ARHS 4, the student should be able to:

- Analyze the religious, cultural, economic and political issues of the ancient Western world and their relationship to artistic and architectural production.
- Articulate connections between artistic movements and historical events in the Western world from pre-history through the Gothic period.
- Identify ancient Western art movements, artists, and technical processes.

Astronomy

Division: STEM (Science, Technology, Engineering & Math)

CSLOs

ASTR 30L Introduction to Astronomy Laboratory

Upon completion of ASTR 30L, students should be able to:

- Effectively communicate the methods, analysis, results, and conclusions of their own scientific experiments.
- Perform naked eye and telescopic observations of objects in the night sky.
- Quantitatively analyze their laboratory data, compare their results to accepted values, and evaluate the accuracy of their experiment.

ASTR 31 Introduction to Astronomy: The Solar System

Upon completion of ASTR 31, students should be able to:

- Describe the ways in which scientific principles have shaped the modern world and relate to daily life.
- Explain physical principles relevant to the solar system and its formation, as well as those relevant to the search for extrasolar planets.
- Use quantitative reasoning to determine relationships between physical quantities in astronomy.

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Automotive Technology

Division: PATH (Public Safety, Adv. Manufacturing, Transportation, Health & Kinesiology)

CSLOs

AUTO LABB Automotive Lab Advanced

Upon completion of AUTO LABB, the student should be able to:

- Apply all safety precautions.
- Complete hands on lab sessions with no instructor supervision necessary.

AUTO LABC Automotive Lab Specialized Bench Work

Upon completion of AUTO LABC, the student should be able to:

- Apply all safety precautions.
- Complete hands on lab sessions with no instructor supervision necessary.

AUTO LABD Automotive Lab Specialized Electronic Work

Upon completion of AUTO LABD, the student should be able to:

- Apply all safety precautions.
- Complete hands on lab sessions with no instructor supervision necessary.

Aviation

Division: STEM (Science, Technology, Engineering & Math)

AVI 110 Summer Camp Drone Coding and Piloting

Upon completion of AVI 110, the student should be able to:

- Describe the varied uses of an Unoccupied Aerial System (UAS) in multiple disciplines and careers.
- Perform basic computer programming skills in order to operate a drone in a specific flight pattern.
- Safely operate a UAS and perform a controlled take-off, demonstrate basic flight controls, and execute a landing.

Biological Sciences

Division: STEM (Science, Technology, Engineering & Math)

CSLOs

BIO 1A General Botany

Upon completion of BIO 1A, students should be able to:

- Conduct a research project, take measurements, keep accurate records, analyze and draw conclusions, and communicate experimental results in a standard format for scientific research.
- Explain and apply principles and processes of botany and ecology at different organizational levels, from the biochemical to the ecological.
- Explain and demonstrate the theoretical and practical aspects of using a compound microscope and dissecting microscope to study microorganisms and internal and external structures of plants, algae and fungi.
- Have attained hands-on experience with and demonstrated proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.

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BIO 7A Human Anatomy

Upon completion of BIO 7A, students will be able to:

- Identify the structures of the body systems using models, slides, cadavers, and/or visual media.
- Relate structure to the function of anatomical structures and understand how a change in structure would alter function.
- Analyze clinical cases and/or human pathologies and communicate findings utilizing academic language.

BIO 7B Human Physiology

Upon completion of BIO 7B, students will be able to:

- Apply the principles of homeostasis and the use of feedback loops to control physiological systems in the human body.
- Evaluate physiological functions of select organ systems by interpreting graphs of physiological data and be able to solve allied-based math problems.
- Research a relevant topic in physiology and communicate their findings clearly in writing or orally to others, demonstrating content knowledge acquired from reliable scientific sources.

BIO 7C Microbiology

Upon completion of BIO 7C, students will be able to:

- Acquire, articulate, and apply specialized language and knowledge relevant to microbiology.
- Acquire and demonstrate competency in laboratory safety and in routine and specialized microbiological laboratory skills applicable to microbiological research or clinical methods, including accurately reporting observations and analysis.
- Explain and demonstrate the theoretical and practical aspects of using a compound microscope to study microorganisms using the oil immersion objective lens.
- Research a relevant topic in microbiology and communicate scientific concepts, experimental results and analytical arguments clearly and concisely in writing and/or orally, demonstrating content knowledge acquired from the course work and from reliable scientific sources.

BIO 20 Contemporary Human Biology

Upon completion of BIO 20, students should be able to:

- Describe and relate the physical structure of the cells, tissues types and organ systems to their function.
- Explain the concept of homeostasis and how the different body systems maintain homeostasis, and be able to relate homeostatic failure to some common pathological conditions.

BIO 30 Introduction to College Biology

Upon completion of BIO 30, students should be able to:

- Conduct guided experiments in the laboratory and interpret the results of these investigations, individually and/or in collaboration with other students.
- Demonstrate writing proficiency on a written assignment which incorporates scientific data and/or basic principles of biology.
- Explain basic principles of biochemistry, ecology, and cellular, evolutionary, and organismal biology.
- Properly manipulate a compound microscope and demonstrate knowledge of its parts and uses.
- Have gained hands-on experience with and demonstrated proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.

BIO 40 Humans and the Environment

Upon completion of BIO 40, students should be able to:

- Analyze and critically evaluate environmental information from various sources, and present their findings.
- Discuss environmental problems, their causes and evaluate solutions.
- Explain basic principles of ecology involving energy flow, cycling of matter, interactions within and between populations and assess the impact of humans on the biosphere.

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Business

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

BUSN 1A Financial Accounting

Upon completion of BUSN 1A, the student will be able to:

- Calculate and analyze current ratio, debt ratio, and gross profit ratio.
- Identify and name different components of a balance sheet and income statement.

BUSN 40 Introduction to Business

Upon completion of BUSN 40, the student will be able to:

- Communicate the impact of compliance-based and integrity-based ethics codes on the role of business in a market economy.
- Compare the three primary business formations used by privately held American businesses.
- Contrast management and leadership strategies in the function areas of management, marketing, finance, human resources and production.

Chemistry

Division: STEM (Science, Technology, Engineering & Math)

CSLOs

CHEM 1A General College Chemistry I

Upon completion of CHEM 1A, students should be able to:

- Analyze nature at the atomic scale by applying the concepts of atomic and molecular structure, conservation of energy, chemical equations, bonding models, states of matter, solutions, chemical equilibrium, and gas laws.
- Apply the scientific method to laboratory experiments.
- Skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.

CHEM 1B General College Chemistry II

Upon completion of CHEM 1B, students should be able to:

- Analyze nature at the atomic scale by applying the concepts of kinetics, equilibrium, thermodynamics, electrochemistry, nuclear chemistry, inorganic chemistry, and introductory organic chemistry.
- Apply the scientific method to laboratory experiments.
- Skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
- Succinctly summarize laboratory procedures, clearly document laboratory measurements and observations, and effectively communicate rationale for the experiment, data analysis, and interpretation.
- Demonstrate proficiency in solving complex problems and conceptual understanding of content listed in the course outline as measured by the American Chemical Society General College Chemistry Full Year Exam.

CHEM 30A Introductory and Applied Chemistry I

Upon completion of CHEM 30A, students should be able to:

- Define concentration units of solutions (e.g., molarity and % concentration) and use these definitions in problem solving.
- Demonstrate proficiency in solving complex problems and conceptual understanding of content listed in the course outline as measured by the comprehensive final exam.

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- Skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.

CHEM 31 Introduction to College Chemistry

Upon completion of CHEM 31, students should be able to:

- Demonstrate proficiency in solving complex problems and conceptual understanding ofcontent listed in the course outline as measured by the American Chemical Society 2006 California Chemistry Diagnostic Test.
- skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.

Communication Studies

Division: A&H (Arts & Humanities)

CSLOs

CMST 1 Fundamentals of Public Speaking

Upon completion of CMST 1, the student should be able to:

- Deliver a speech with effective content, organization, and delivery.

CMST 2 Oral Interpretation of Literature

Upon completion of CMST 2, the student should be able to:

- Compile a collection of literature from different genres that unite a central theme.
- Perform a selection of literature aloud.

CMST 10 Interpersonal Communication

Upon completion of CMST 10, the student should be able to:

- Identify and demonstrate necessary skills for application of interpersonal communication competence.
- Identify and demonstrate necessary skills of comprehension of interpersonal communication competence.

Computer Information Systems

Division: STEM (Science, Technology, Engineering & Math)

CSLOs

CIS 50 Introduction to Computing Information Technology

Upon completion of CIS 50, the student should be able to:

- Demonstrate basic computing literacy by using office applications, the Internet and computer-based tutorials.

Computer Networking Technology

Division: STEM (Science, Technology, Engineering & Math)

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CSLOs

CNT 51 CompTIA's A+ Certification Computer Technician

Upon completion of CNT 51, students will be able to:

- Install, configure, and troubleshoot operating systems and applications.
- Install, configure, secure, and troubleshoot PC/Networking/Mobile devices.

CNT 8003 Cisco CCNA3/3 Enterprise Networking, Security, and Automation v7.0 (ENSA)

Upon completion of CNT 8003, students will be able to:

- Design and secure enterprise networks.
- Operate and troubleshoot enterprise networks.
- Use wide area network (WAN) technologies, quality of service (QoS) mechanisms, and software-defined networking (SDN) concepts.

Computer Science

Division: STEM (Science, Technology, Engineering & Math)

CSLOs

CS 7 Introduction to Computer Programming Concepts

Upon completion of CS 7, students will be able to:

- Explain and implement programmer-defined functions in Python.

Early Care and Education

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

ECE 50 Early Childhood Principles and Practices

Upon completion of ECE 50, students will be able to:

- Compare and contrast historical and current early childhood education perspectives, theories, and program types and philosophies.
- Describe the role of the early childhood educator, including ethical conduct and professional pathways.
- Examine a variety of observation, reflection, guidance and interaction strategies to increase children's social competence and promote a caring classroom community.
- Identify the underlying theoretical perspective in forming a professional philosophy.
- Identify quality in early education programs related to environment, curriculum, interactions and teaching strategies.

ECE 56 Child Growth and Development

Upon completion of ECE 56, students will be able to:

- Apply knowledge of development and major theoretical frameworks to child observations.
- Describe development of children from conception through adolescence in the physical, social, emotional and cognitive domains.
- Identify cultural, economic, political and historical contexts that impact children's development.

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Economics

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

ECON 1 Principles of Microeconomics

Upon completion of ECON 1, students will be able to:

- Define market and its failures and explain how market forces of supply and demand lead to efficient allocation of goods, services and factors of production.
- Define opportunity cost and marginal analysis and explain how they relate to choices of individuals in the economy.
- Define different market structures and explain how firms optimize their fiscal objectives in these markets.

ECON 2 Principles of Macroeconomics

Upon completion of ECON 2, students will be able to:

- Define market and explain how market forces of supply and demand lead to efficient allocation of goods, services and factors of production.
- Upon completion of ECON 2, students will be able to define key economic indicators, including GDP, CPI, and Unemployment Rate, and use these quantitative measures to analyze the economy.
- Upon completion of ECON 2, students will be able to describe monetary and fiscal policies and explain how they affect short-term economic fluctuations.

ECON 10 General Economics

Upon completion of ECON 10, students will be able to:

- Define market and explain how market forces of supply and demand lead to efficient allocation of goods, services and factors of production.
- Define opportunity cost and marginal analysis and explain how they relate to choices of individuals in the economy.
- Define key economic indicators, including GDP, CPI, and Unemployment Rate, and use these quantitative measures to analyze the economy.

Emergency Medical Services

Division: PATH (Public Safety, Adv. Manufacturing, Transportation, Health & Kinesiology)

CSLOs

EMS 16 Paramedic Clinical Occupational Work Experience

Upon completion of EMS 16, the student will be able to:

- Administer prehospital medications to the patient via the intramuscular route, intravenous route, nebulized route, and subcutaneous route.
- Deliver a patient care report to a physician, registered nurse, or paramedic that is accurate and describes the care delivered by the student.
- Perform a physical examination on a live patient with their consent and identify immediate life-threatening conditions that need to be treated.

EMS 17 Paramedic Capstone Occupational Work Experience

Upon completion of EMS 17, the student will demonstrate the ability to:

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- Manage an emergency in the out-of-hospital setting by directing the resources of the local fire department and support personnel from the ambulance provider.

English

Division: A&H (Arts & Humanities)

CSLOs

ENG 1A Critical Reading and Composition

Upon completion of English 1A, the student will be able to:

- Identify the main ideas and supporting arguments of a college-level text.
- Research a topic using credible sources and document sources in an academically responsible way.
- Use effective and correct sentence structures to convey ideas.
- Write an academic essay using textual evidence to support a thesis.

ENG 4 Critical Thinking and Writing about Literature

Upon completion of English 4, the student will be able to:

- Identify and evaluate implied arguments in college-level literary texts.
- Assess the best use of language, style, and voice for a variety of writing assignments and rhetorical contexts.
- Write a research paper using credible sources and correct documentation.
- Write an academic essay synthesizing multiple texts and using logic to support a thesis.

ENG 7 Critical Thinking and Writing Across Disciplines

Upon completion of English 7, the student will be able to:

- Evaluate the logic and validity of a nonfiction college-level text's reasoning and support.
- Use grammar, vocabulary, and style appropriate for academic essays.
- Write a research paper using credible sources and correct documentation.
- Write an academic essay synthesizing multiple texts and using logic to support a thesis.

ENG 12A Craft of Writing Fiction

Upon completion of English 12A, the student should be able to:

- Write and revise a story or chapter demonstrating proficiency in the basic elements of fiction, i.e., character, plot, setting, point of view, and theme.

ENG 12B Craft of Writing Fiction: Intermediate

Upon completion of English 12B, the student should be able to:

- Write and revise a story or chapter demonstrating command of the elements of fiction, i.e., character, plot, setting, point of view, tone, figures of speech, symbolism, and theme to create resonance and meaning.

ENG 12C Craft of Writing Fiction: Advanced

Upon completion of ENG 12C, the student should be able to:

- Demonstrate advanced skills in description, dialogue, characterization, point of view control, plotting, and theme
- Identify subtle elements of craft within published fiction and the resulting effects of those elements, such as the relationship between craft and emotional or intellectual resonance.

ENG 44 Literature of the American West

Upon completion of English 44, the student will be able to:

- Analyze an author’s use of literary techniques to develop a theme.
- Appreciate how individuals from different racial groupings, and different classes and genders within those groupings, contributed to the fabric of American Western culture through their individual action and interaction.

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- Describe literary aspects of American Western narrative, including narrative style, character, dialogue, figurative language, and the use of landscape, among others.
- Recognize, appreciate, and compare the similarities and differences between authors, characters, and self that stem from historical era and cultural tradition.

Ethnic Studies

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

ETHS 5 Psychology of Race and Identity

Upon completion of ETHS 5, the student will be able to:

- Appraise one's own ethnic/cultural origins and one's biases towards certain groups.
- Compare and contrast research biases in the study of individuals from diverse populations.
- Compare and contrast the effects of prejudice, stereotyping, and discriminatory attitudes and behaviors upon majority and minority groups.
- Describe skills that enhance cross-cultural communication, interactions, and relationships.
- Describe stressors related to acculturation into a new society.
- Explain how culture affects the conceptualization of mental health, symptomology and help seeking behaviors.

ETHS 6 Introduction to Race and Ethnicity

Upon completion of ETHS 6, the students should be able to:

- Analyze current or historical racial and ethnic group relations using sociological theory.
- Conduct a research assignment using a multi-model sociological approach.
- Outline relevant sociological theories to accurately explain how race and ethnicity are socially constructed.
- Produce a document that connects sociological research methods to sociological theory.

French

Division: A&H (Arts & Humanities)

CSLOs

FREN 1A Beginning French

Upon completion of FREN 1A, the student should be able to:

- Communicate orally at the beginning level.
- Comprehend spoken French at the beginning level.
- Write at the beginning level.

Geology

Division: STEM (Science, Technology, Engineering & Math)

CSLOs

CSLOS

GEOL 1 Physical Geology

Upon completion of GEOL 1, students will be able to:

- Define and identify the geology of divergent, convergent and transform plate tectonic environments.
- Identify and define the basic properties of minerals.
- Identify and differentiate the basic ages of the Geologic Time Scale.

GEOL 1L Physical Geology Laboratory

Upon completion of GEOL 1L, students will be able to:

- Evaluate and differentiate mineral samples.
- Evaluate and differentiate rock samples.
- Evaluate and interpret geologic diagrams encapsulating geologic histories.

GEOL 5 Environmental Geology: Hazards

Upon completion of GEOL 5, students will be able to:

- Define and identify the geology of divergent, convergent and transform plate tectonic environments.
- Identify and/or explain the fundamentals of stream systems, including flooding.
- Identify and/or explain volcanic geohazards.

Graphic Design Digital Media

Division: A&H (Arts & Humanities)

CSLOs

GDDM 3 History of Graphic Design

Upon completion of GDDM 3, the student should be able to:

- Identify and discuss the basic historical influences of modern design in architecture, industrial design, graphic design, and interior design.
- Identify and discuss the role of design in contemporary society.
- Identify, compare, and discuss the major historical design movements of the 20th century.

Health

Division: PATH (Public Safety, Adv. Manufacturing, Transportation, Health & Kinesiology)

CSLOs

HEA 1 Introduction to Personal Health

Upon completion of HEA 1, students will be able to:

- Identify their modifiable and non-modifiable risk factors for personal health.
- Locate health information related to their individual behavior change process and evaluate the credibility of those sources.
- Integrate and apply scientific research into their individual behavior change process.
- Feel empowered to implement positive health behaviors.

CSLOS

History

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

HIST 7 US History Through Reconstruction

Upon completion of HIST 7, students will be able to:

- Explain the major social, cultural, economic, demographic, technological, and diplomatic developments in United States History through Reconstruction, their causes and effects, and their historical significance.
- Explain the development of, and debates concerning, democracy and citizenship in the United States from its founding through Reconstruction.
- Describe the origins, nature, development, and significance of slavery in the British colonies and the United States.
- Describe the experiences of indigenous peoples of North America through Reconstruction.
- Analyze and interpret primary and secondary sources.
- Construct an argument using historical evidence.

HIST 8 US History Post-Reconstruction

Upon completion of HIST 8, students will be able to:

- Explain the major social, cultural, economic, demographic, technological, and diplomatic developments in United States History since Reconstruction, their causes and effects, and their historical significance.
- Explain the development of, and debates concerning, democracy and citizenship in the U.S. since Reconstruction.
- Describe the major social movements in the U.S. since Reconstruction.
- Explain the United States' changing role in the world since Reconstruction.
- Analyze and interpret primary and secondary sources.
- Construct an argument using historical evidence.

Humanities

Division: A&H (Arts & Humanities)

CSLOs

HUMN 3 Introduction to Humanities

Upon completion of HUMN 3, the student should be able to:

- Explain how and why human beings creatively express themselves through the arts.
- Express and explain their appreciation of works of visual art, music, literature, theater, and film.
- Organize and evaluate works of art based on historical period and using the elements and principles of art studied in class.

HUMN 10 American Arts and Ideas

Upon completion of HUMN 10, the student should be able to:

- Analyze the ways in which American writers, philosophers, visual artists, musicians, and filmmakers have explored and portrayed American identity throughout the nation’s history.
- Discuss how works of art from the United States reflect the values and meanings of the American cultural experience.
- Evaluate the contributions made to American culture of various ethnic and culture groups.
- Use the valuative methods discussed in class to meaningfully organize, interpret, and evaluate specific works of art.

HUMN 28 World Mythology

Upon completion of HUMN 28, the student should be able to:

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- Analyze major texts of world mythology, both in terms of their insights and functions in the ancient world and in contemporary society.
- Apply major theoretical approaches to mythology to interpret myths from world cultures.
- Distinguish mythic sources in literature, music, and the visual arts.

Journalism and Media Studies

Division: A&H (Arts & Humanities)

CSLOs

JAMS 2 Introduction to Media

Upon completion of JAMS 2, the student will be able to:

- Analyze the differences between new media technologies and traditional forms of mass communication, such as radio, television, and film.
- Critically analyze the negative and positive impacts of technology on society.

Kinesiology

Division: PATH (Public Safety, Adv. Manufacturing, Transportation, Health & Kinesiology)

CSLOs

KIN 17 Introduction to Athletic Training and Sports Medicine

Upon completion of KIN 17, students should be able to:

- Describe the components of taping applications for the purpose of joint stability and injury prevention.
- List the roles and responsibilities of a Certified Athletic Trainer.
- Perform first aid and CPR with AED.

KIN 24 Sport Psychology

Upon completion of KIN 24, students should be able to:

- Describe the relationship between coach expectations and athlete performance.
- Identify guidelines for coaches for building team cohesion.

KIN 32C Off Season Intercollegiate Men's Basketball

Upon completion of KIN 32C, students should be able to:

- Develop their own offseason skills training program to help develop their basketball skills
- Demonstrate an understanding how to train during the offseason conditioning in preparation for competition at the intercollegiate level.
- Demonstrate an understanding of proper passing technique and be able to deliver a pass to a targeted location.
- Complete a ball handling routine through sets of cones setup on the basketball court within a set amount of time.
- Physically demonstrate a series of 10 finishing layups at the basket.

KIN 38A Pre-Season Intercollegiate Men's Soccer

Upon completion of KIN 38A, students should be able to:

- Demonstrate effective defensive tactics.
- Demonstrate effective offensive tactics.

KIN 40A Pre-Season Intercollegiate Women's Volleyball

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Upon completion of KIN 40A, students should be able to:
- Describe the rules and regulations used in intercollegiate volleyball competitions.
- Improve their fitness level.

KIN 41D Off Season Intercollegiate Women's Basketball

Upon completion of KIN 41D, students should be able to:
- Articulate and demonstrate advanced strategies used in basketball.
- Show an understanding of the rules, strategies, and sportsmanship involved in competitive basketball.
- Demonstrate acquired offensive skills through competition: 4 out of 5 successful attempts (dribble & pass) and 2 out of 5 successful attempts (shooting) through half court sets, transitional sets, press breakers and out of bounds plays.
- Demonstrate acquired defensive skills through competition: 1 out of 2 successful attempts (zone & player to player) in the half court and full court.
- Perform advance offensive phases of Basketball (dribble, pass and shoot through team half court sets, transitional sets, press breakers and out of bounds plays), and perform advance defensive phases of Basketball (zone and player to player defense in the half court and full court).

KIN 48A Pre-Season Intercollegiate Women's Soccer

Upon completion of KIN 48A, students should be able to:
- Demonstrate effective defensive tactics.
- Demonstrate effective offensive tactics.

KIN 61B Off Season Intercollegiate Water Polo

Upon completion of KIN 61B, the student will be able to:
- Demonstrate five different styles of shooting the water polo ball: forehand, backhand, skip shot, sweep shot, and lob shot.
- Explain the water polo position numbers for a standard offense and 6-on-5 offense.

KIN FJW1 Fitness Jog Walk 1

Upon completion of KIN FJW1, students should be able to:
- Compare and contrast various methods of evaluating exercise intensity.
- Demonstrate an increase in their cardiorespiratory fitness.
- Demonstrate safe walking posture, gait, and foot placement while walking at an easy pace.

KIN FJW2 Fitness Jog Walk 2

Upon completion of KIN FJW2, students should be able to:
- Calculate the "Target Heart Rate Formula."
- Demonstrate an increase in their cardiorespiratory fitness.
- Demonstrate safe walking posture, gait, and foot placement while walking at a moderate pace.

KIN FJW3 Fitness Jog Walk 3

Upon completion of KIN FJW3, students should be able to:
- Complete a training walk using accelerations every 100 yards.
- Identify the nutritional needs for recreational or competitive events.
- Calculate the "Target Heart Rate Formula."
- Complete a mile distance while doing a combination of walking and jogging within 15 minutes
- Complete one mile walking in under 20 minutes

KIN FJW4 Fitness Jog Walk 4

Upon completion of KIN FJW4, students should be able to:
- Design an effective warm up and cool down.
- Estimate their maximum heart rate and identify their target heart rate.
- Walk and jog safely and effectively as a way to exercise and develop their overall aerobic fitness level.

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KIN PF Personal Fitness

Upon completion of KIN PF, students should be able to:

- Calculate the "Target Heart Rate Formula."
- Complete a mile distance while doing a combination of walking and jogging within 15 minutes.
- Complete one mile walking in under 20 minutes.

KIN SW1 Swimming 1

Upon completion of KIN SW1, students should be able to:

- Demonstrate competency of beginning level swimmers, including floating skills, and comfort in the water.
- Demonstrate the basic techniques of freestyle and backstroke for 25 yards.
- Demonstrate the basic techniques of elementary backstroke.

KIN SW2 Swimming 2

Upon completion of KIN SW2, students should be able to:

- Demonstrate competency of beginning-level swimming skills; including basic swim strokes (competitive and non-competitive) for 25 yards.
- Illustrate the basic breathing technique for each of the four competitive strokes.

KIN SW3 Swimming 3

Upon completion of KIN SW3, students should be able to:

- Perform 100 yards of front crawl with proficient side-breathing and 100 yards backstroke, each with competitive flip-turn; 50 yards breaststroke and 50 yards butterfly, each with the correct competitive turn; 100 yard Individual Medley with correct turns, and a 500 yard continuous swim using any combination of swim strokes.
- Utilize pace clocks to incorporate intervals in to a training regimen to enhance skill development.

KIN SW4 Swimming 4

- No SLOs defined.

KIN WT1 Weight Training 1

Upon completion of KIN WT1, students should be able to:

- Demonstrate proper form while performing beginning level weight training exercises.
- Display appropriate gym etiquette.
- Identify the major muscle groups utilized in weight training exercises.

KIN WT2 Weight Training 2

Upon completion of KIN WT2, students should be able to:

- Demonstrate an increase in muscular strength.
- Demonstrate proper form while performing intermediate weight training exercises.
- Identify which major muscle groups are activated during specific weight training exercises.

KIN YO1 Yoga 1

Upon completion of KIN YO1, students should be able to:

- Demonstrate an increase in their flexibility.
- Demonstrate proper alignment in beginning level asanas.
- Utilize various breathing techniques used in a yoga practice.

KIN YO2 Yoga 2

Upon completion of KIN YO2, students should be able to:

- Demonstrate proper alignment in intermediate level asanas.
- Describe the benefits of breathing techniques used in a yoga practice.
- Identify the eight limbs of yoga.

CSLOS

KIN YO3 Yoga 3

Upon completion of KIN YO3, students should be able to:

- Create and demonstrate a logical flow of yoga poses.
- Demonstrate intermediate/ advanced yoga poses with proper alignment and appropriate breathing technique.

KIN YO4 Yoga 4

Upon completion of KIN YO4, students should be able to:

- Describe the eight limbs of Yoga using proper Sanskrit terminology.
- Demonstrate and name 2-4 intermediate/advanced yoga poses in both English and Sanskrit.

Marketing

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

MKTG 50 Introduction to Marketing

Upon completion of MKTG 50, the student will be able to:

- Categorize the four Ps of marketing.
- Communicate the marketing concept and how it applies in both for-profit and nonprofit organizations.
- Model consumer behavior in the consumer decision making process.

Math

Division: STEM (Science, Technology, Engineering & Math)

CSLOs

MATH 1 Calculus I

Upon completion of MATH 1, a student should be able to:

- Construct an optimization model and use it to find the desired quantity.
- Evaluate and interpret a definite integral.
- Find the roots of a function using Newton's method.
- Find the volume of a solid of revolution using washers or shells.
- Integrate a function involving a u-substitution.

MATH 2 Calculus II

Upon completion of MATH 2, a student should be able to:

- Determine an arc length using parametric equations.
- Determine the interval of convergence for a power series.
- Evaluate an integral using a power series representation.
- Integrate a function using a partial fraction expansion.
- Numerically evaluate an integral using Simpson's Rule and determine the error.

MATH 3 Multivariable Calculus

Upon completion of MATH 3, a student should be able to:

- Evaluate a surface integral.
- Evaluate a surface integral for vector functions using parameterization of the surface or using the Divergence theorem.

CSLOS

- Interpret directional derivatives, including the gradient.
- Solve an optimization problem by using the method of LaGrange multipliers.

MATH 7 Elementary Linear Algebra

Upon completion of MATH 7, a student should be able to:

- Determine if a set is a subspace of a vector space.
- Diagonalize a matrix.
- Set up a system of Linear Equations to represent a network and then solve the system.
- Use software to solve a least squares problem.

MATH 30 College Algebra for STEM

Upon completion of MATH 30, a student should be able to:

- Find all of the zeros of a polynomial function.
- Find extrema and zeros using a graphing calculator and/or other technology.
- Graph and identify the main features of a rational function without using a graphing utility.
- Model a problem using exponential growth or decay.

MATH 34 Business Calculus

Upon completion of MATH 34, a student should be able to:

- Analyze problems involving limits and continuity.
- Evaluate derivatives.
- Evaluate indefinite and definite integrals.
- Set up and solve applications of derivatives, including the use of appropriate technology.
- Solve problems involving functions of two variables.

MATH 39 Trigonometry

Upon completion of MATH 39, a student should be able to:

- Define trigonometric functions in terms of the right triangle, using coordinates of a point and distance from the origin, and using the unit circle.
- Identify and describe the period, amplitude and phase shift of a sine or cosine function.
- Solve a trigonometric equation that does not involve any of the standard angles as solutions, making usage of a calculator necessary.
- Solve a trigonometric equation using factoring and identities.
- Solve an application problem using law of sines or law of cosines.

MATH 40 Statistics and Probability

Upon completion of MATH 40, a student should be able to:

- Build a frequency distribution for, and make a histogram of, quantitative data.
- Determine whether or not there is significant correlation for a bivariate data set, and if so, fit a linear regression equation and use it for data prediction.
- Perform the steps for a hypothesis test about a single population parameter and interpret the result.
- Solve an application problem using the central limit theorem.
- Use a computer program to make a graph of categorical data.

MATH 47 Mathematics for Liberal Arts

Upon completion of MATH 47, a student should be able to:

- Develop and use an appropriate model (linear or exponential) for a given problem.
- Identify a set that can be represented as a union or intersection of two other sets and describe this set in the context of an applied problem.
- Solve a financial problem involving amortization.
- Translate a statement into symbolic logic notation.

MATH 66C Concurrent Support for Calculus I

Upon completion of MATH 66C, a student should be able to:

CSLOS

- Develop study skills and life skills that will improve the likelihood of succeeding in their academic goals, such as identifying individual growth mindset and learning about brain research, personal time management, study skills, test taking and conquering math anxiety strategies, etc.
- Identify challenging mathematics topics and be able to communicate in writing the correct strategies and processes for solving relevant mathematics problems.
- Read mathematical writing with understanding and use this skill as preparation to solve relevant mathematics problems.
- Utilize online and other technological resources effectively to enhance their understanding of a mathematics topic.

MATH 67C Concurrent Support for Calculus II

Upon completion of MATH 67C, a student should be able to:

- Develop study skills and life skills that will improve the likelihood of succeeding in their academic goals, such as identifying individual growth mindset and learning about brain research, personal time management, study skills, test taking and conquering math anxiety strategies, etc.
- Identify challenging mathematics topics and be able to communicate in writing the correct strategies and processes for solving relevant mathematics problems.
- Read mathematical writing with understanding and use this skill as preparation to solve relevant mathematics problems.
- Utilize online and other technological resources effectively to enhance their understanding of a mathematics topic.

MATH 100C Concurrent Support for SLAM Mathematics

Upon completion of MATH 100C, a student should be able to:

- Develop study skills and life skills that will improve the likelihood of succeeding in their academic goals, such as identifying individual growth mindset and learning about brain research, personal time management, study skills, test taking and conquering math anxiety strategies, etc.
- Identify challenging mathematics topics and be able to communicate in writing the correct strategies and processes for solving relevant mathematics problems.
- Read mathematical writing with understanding and use this skill as preparation to solve relevant mathematics problems.
- Utilize online and other technological resources effectively to enhance their understanding of a mathematics topic.

MATH 101C Concurrent Support for BSTEM Mathematics

Upon completion of MATH 101C, a student should be able to:

- Develop study skills and life skills that will improve the likelihood of succeeding in their academic goals, such as identifying individual growth mindset and learning about brain research, personal time management, study skills, test taking and conquering math anxiety strategies, etc.
- Identify challenging mathematics topics and be able to communicate in writing the correct strategies and processes for solving relevant mathematics problems.
- Read mathematical writing with understanding and use this skill as preparation to solve relevant mathematics problems.
- Utilize online and other technological resources effectively to enhance their understanding of a mathematics topic.

Music

Division: A&H (Arts & Humanities)

CSLOs

MUS 1 Introduction to Music

Upon completion of MUS 1, the student will be able to:

- Analyze particular musical works with regard to style and technical elements.
- Outline the broad history of music in the Western European tradition, both sacred and secular.
- Synthesize and integrate general musical analysis into short analytical papers about music.

CSLOS

MUS 5 American Cultures in Music

Upon completion of MUS 5, the student will be able to:

- Analyze and interpret particular musical works with regard to style and technical elements.
- Distinguish and debate the contributions of the various cultures that make up America's popular music and its people.
- Synthesize factual information and historical evidence through informed listening, analysis, form, and repertoire.

MUS 6 Basic Music Skills

- Construct major/minor scales and demonstrate a basic comprehension of key relationships.
- Correctly notate basic rhythms, melodies, and harmonic progressions.
- Develop a comprehension of typical music notation through harmonic and formal analysis of the literature.

MUS 13 History of Rock & Roll

Upon completion of MUS 13, the student will be able to:

- Articulate the influence of modern technology on musical instruments and recording techniques.
- Differentiate between various styles of rock and popular music.
- Synthesize factual information and historical evidence through informed listening, analysis, evaluation and discernment of musical elements, forms and repertoire.

MUS 21A Beginning Piano

Upon completion of MUS 21A, the student will be able to:

- Demonstrate basic piano technique using proper hand position, posture, and fingering.
- Practice course material effectively on their own.
- Practice, perform, and memorize scales, chords, and simple harmonic progressions.

MUS 21B Intermediate Piano

Upon completion of MUS 21B, the student will be able to:

- Apply intermediate music theory when performing scales, chords, and progressions.
- Employ intermediate piano technique and incorporate it into daily practice.
- Practice, master, and memorize intermediate repertoire in a variety of styles while displaying accurate rhythm, fingering, and expression.

MUS 28 Keyboard Skills

Upon completion of MUS 28, the student will be able to:

- Apply theory and technique to a variety of piano repertoire.
- Perform all triads, and major and minor scales in all keys with appropriate technique.
- Sight-read and perform intermediate piano excerpts.

MUS 34 Music in Film

Upon completion of MUS 34, the student will be able to:

- Distinguish the styles of prominent film music composers and their contributions to the field of film scoring.
- Recognize significant trends in the history of American film scoring and their relationship to developments in American cinema, both technological and cultural.

MUS 35 Introduction to Music Technology

Upon completion of MUS 35, the student will be able to:

- Explain and demonstrate basic principles of sound and acoustics.
- Understand and be able to demonstrate basic techniques in using a a Digital Audio Workstation with MIDI capability.
- Understand and demonstrate general music technology concepts, equipment, software, and industry practices.

CSLOS

MUS 37 Music Business

Upon completion of MUS 37, the student will be able to:

- Conduct and present research on trends and strategies within the music industry.
- Distinguish and analyze a variety of music industry career pathways.
- Market and promote musical events, ensembles, and companies.

Noncredit Automotive Technology

Division: PATH (Public Safety, Adv. Manufacturing, Transportation, Health & Kinesiology)

CSLOs

NAUT LABB Automotive Lab Advanced

Upon completion of NAUT LABB, the student should be able to:

- Apply all safety precautions.
- Complete hands on lab sessions with no instructor supervision necessary.

Noncredit Business

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

NBUS 200 Communication in the Workplace

Upon completion of NBUS 200, the student should be able to:

- Distinguish among the various barriers that interfere with communication and develop skills to address and overcome these barriers through the effective application of verbal and nonverbal communication.
- Apply effective listening skills in a variety of situations to promote healthy, positive communication.
- Develop an interview plan with optimal questions and scenarios for a successful interview.
- Identify and describe non-verbal communication and how it can be interpreted.

NBUS 203 Decision Making and Problem Solving

Upon completion of NBUS 203, the student should be able to:

- Differentiate between decision making and problem solving.
- Acquire the knowledge to recognize the importance of creativity, and identify various blocks to problem solving
- Apply problem solving techniques in a role-play.
- Use primary and secondary sources in their decision-making process.

NBUS 211 Design Thinking for the Entrepreneur

Upon completion of NBUS 211, the student should be able to:

- Develop rapid prototypes that allow for meaningful feedback in a real-world environment.
- Translate broadly defined opportunities into actionable innovation possibilities.
- Formulate Design-Thinking activities in terms of market impact, value creation, and speed.

NBUS 212 Developing Your Business Plan

Upon completion of NBUS 212, the student should be able to:

- Prepare an outline of the elements in a business plan.
- Identify and describe a business' target market.
- Identify multiple forms of capital attainment for their new business venture.

CSLOS

NBUS 213 Legal Aspects of Small Business
Upon completion of NBUS 213, the student should be able to:
- Identify and describe the legal forms of ownership, including their advantages and disadvantages.
- identify and describe legal risk issues that will affect a proposed business venture.
- Explain the difference between intellectual property, copyright, patent, and trademarks.
- List at least five human resource laws or regulations that will impact a business

NBUS 214 Success in the Gig Economy
Upon completion of NBUS 214, the student should be able to:
- Explain the process of how to turn a problem-solving idea to a money-making opportunity.
- Construct low-cost, low-resolution prototypes to advance a business idea.
- Implement effective teamwork and leadership skills.

Noncredit Computer Information Systems

Division: STEM (Science, Technology, Engineering & Math)

CSLOs

NCIS 201 CyberSecurity Camp
Upon completion of NCIS 201, the student will be able to:
- Describe cybersecurity career opportunities, cyber ethics, online safety, and cyber threats.
- Participate in hands-on introduction to the fundamentals of cybersecurity, from system hardening to access control to system protection for both Windows and Linux operating systems.
- Gain an appreciation of the importance to our nation of cyber, cyber security, and good computer practices.
- Productively participate as team member in a cyber security defense competition.
- Explain basic IT security concepts and models.

NCIS 201B CyberSecurity Advanced Skills
Upon completion of NCIS 201B, the student will be able to:
- Describe cybersecurity career opportunities, cyber ethics, online safety, and cyber threats.
- Participate in hands-on introduction to the fundamentals of cybersecurity, from system hardening to access control to system protection for both Windows and Linux operating systems.
- Gain an appreciation of the importance to our nation of cyber, cyber security, and good computer practices.
- Productively participate as team member in a cyber security defense competition.
- Explain basic IT security concepts and models.

Noncredit Kinesiology

Division: PATH (Public Safety, Adv. Manufacturing, Transportation, Health & Kinesiology)

CSLOs

NKIN FCOA Fitness Center-Older Adults
Upon completion of NKIN FCOA, the student will be able to:
- Demonstrate proper operation procedures for various cardio and fitness equipment.
- Describe the components of physical fitness.
- Design a safe and effective exercise program.

CSLOS

NKIN SWOA Swimming for Older Adults
Upon completion of NKIN SWOA, the student will be able to:
- Illustrate a personalized training program based upon aquatic training principles.
- Demonstrate improvement in a timed swim.

Noncredit Math

Division: STEM (Science, Technology, Engineering & Math)

CSLOs

NMAT 200C Concurrent Support for SLAM Mathematics
Upon completion of NMAT 200C, a student should be able to:
- Develop study skills and life skills that will improve the likelihood of succeeding in their academic goals, such as identifying individual growth mindset and learning about brain research, personal time management, study skills, test taking and conquering math anxiety strategies, etc.
- Identify challenging mathematics topics and be able to communicate in writing the correct strategies and processes for solving relevant mathematics problems.
- Read mathematical writing with understanding and use this skill as preparation to solve relevant mathematics problems.
- Utilize online and other technological resources effectively to enhance their understanding of a mathematics topic.

NMAT 201C Concurrent Support for BSTEM Mathematics
Upon completion of NMAT 201C, a student should be able to:
- Develop study skills and life skills that will improve the likelihood of succeeding in their academic goals, such as identifying individual growth mindset and learning about brain research, personal time management, study skills, test taking and conquering math anxiety strategies, etc.
- Identify challenging mathematics topics and be able to communicate in writing the correct strategies and processes for solving relevant mathematics problems.
- Read mathematical writing with understanding and use this skill as preparation to solve relevant mathematics problems.
- Utilize online and other technological resources effectively to enhance their understanding of a mathematics topic.

NMAT 202C Just in Time Tutoring for Mathematics
Upon completion of NMAT202C, a student should be able to:
- Utilize online and other technological resources to enhance their understanding of a mathematics topic.

NMAT 256 Geometry
Upon completion of NMAT 256, a student should be able to:
- Construct a proof.
- Solve triangles.

Nutrition

Division: PATH (Public Safety, Adv. Manufacturing, Transportation, Health & Kinesiology)

CSLOs

CSLOS

NTRN 1 Introduction to Nutrition Science

Upon completion of NTRN 1, the student should be able to:

- Analyze and critically assess the reliability and credibility of nutrition information and dietary advice, services and products.
- Analyze assigned nutrient intake compared to standard recommendations and make suggestions for improvement/maintenance of intake.
- Identify the key dietary risk factors influencing the development of chronic diseases in the United States.
- Utilize the information presented on a nutrition facts label to assess the quality of a food item and to make informed choices regarding food products.

Philosophy

Division: A&H (Arts & Humanities)

CSLOs

PHIL 1 God, Nature, Human Nature

Upon completion of PHIL 1, the student should be able to:

- Effectively participate and express opinions in a group and whole-class setting in a way that is respectful and well thought-through.
- Use philosophical methods to explain, apply and evaluate philosophical positions of their own and of significant historical figures.

PHIL 2 Ethics

Upon completion of PHIL 2, the student should be able to:

- Apply diverse abstract ethical theories to evaluate contemporary moral challenges.
- Effectively participate and express opinions in a group and whole-class setting in a way that is respectful and well thought-through.

PHIL 6 Introduction to Logic

Upon completion of PHIL 6, the student should be able to able to:

- Apply the basic principles of causal and probabilistic reasoning.
- Identify, describe and evaluate the informal logical fallacies.
- Use natural deduction to evaluate the validity of arguments in propositional logic.

Photography

Division: A&H (Arts & Humanities)

CSLOs

PHTO 67 History of Photography

Upon completion of PHTO 67, students should be able to:

- Identify photographs by the technical process used for their creation.

CSLOS

Physics

Division: STEM (Science, Technology, Engineering & Math)

CSLOs

PHYS 1A General Physics I

Upon completion of PHYS 1A, students should be able to:

- Analyze physical situations quantitatively using Newtonian mechanics and conservation laws.
- Design and conduct laboratory experiments, and analyze and interpret their data.
- Effectively communicate the methods, analysis, results, and conclusions of their own scientific experiments.

Political Science

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

POLI 7 Introduction to American Government

Upon completion of POLI 7, students will be able to:

- Analyze and critically assess various types of sources in the field of U.S. and California government and politics.
- Demonstrate understand and application of theories and concepts in U.S. and California politics.
- Explain the civil liberties and civil rights of individuals as articulated in the U.S. Constitution and federal court decisions.
- Explain the founding and development of the U.S. Constitution.
- Identify and evaluate institutions, political processes, and political sciences concepts as they apply to the United States and California.
- Research, synthesize, and argue a political thesis.

POLI 25 Introduction to Political Theory

- Upon completion of POLI 25, students will be able to:
- Demonstrate an understanding, ability to apply, and critically assess political theories relating to global political phenomena.
- Demonstrate understanding application of various historical and contemporary social and political theorists, theories, concepts, and source types.
- Research, synthesize, and argue a political thesis.
- Have an understanding of socioeconomic and/or political power disparities existing along the lines of identities such as race, class, gender, sexuality, legal status, and religion.

Psychology

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

PSYC 1 General Psychology

Upon completion of PSYC 1, the student will be able to:

- Explain the major concepts, theoretical perspectives, research methods, core empirical findings, and historic trends in psychology.

CSLOS

- Discuss the impact of diversity on psychological research, theory, and application.
- Apply theories, concepts, and findings in psychology for self-understanding, self-improvement, and lifelong learning.
- Demonstrate critical thinking skills and information competence as applied to psychological topics, including discussion of ethical principles in research.

PSYC 3 Introduction to Social Psychology

Upon completion of PSYC 3, the student will be able to:

- Explain the major concepts, theoretical perspectives, research methods, and empirical findings in social psychology.
- Explain ways in which the influence of others, situational factors, and the surrounding culture affect human social behavior.
- Analyze the ways in which social psychological principles and research apply to real world problems and issues.
- Apply theories, concepts and findings in social psychology for self-understanding, self-improvement, and lifelong learning.
- Demonstrate critical thinking skills and information competence as applied to topics in social psychology.

PSYC 4 Brain, Mind, and Behavior

Upon completion of PSYC 4, the student will be able to:

- Discuss how bio-psychological knowledge and principles can be used to address and better understand a wide range of behavioral and physiological problems.
- Exemplify with concrete examples various brain-behavior relationships including ingestive behavior, sexual behavior, sleep, learning, memory, stress, drug dependence, and psychiatric disorders such as affective disorders and schizophrenia.
- Explain scientific approaches and methodologies used for the study of brain-behavior relationships.
- Explain the general anatomy and physiology of the nervous system and its relationship to behavior.

PSYC 6 Abnormal Psychology

Upon completion of PSYC 6, the student will be able to:

- Compare and contrast the various theoretical perspectives on etiology and implications for treatment of various psychological disorders.
- Define and use basic biological and psychological terminology to describe psychopathology and atypical behavior and mental processes.
- Explain specific research methods and the ethical principles for the study and treatment of psychopathology.
- Summarize the major disorder classifications and give concrete examples using appropriate diagnostic terminology (i.e., DSM).

PSYC 12 Life-Span Psychology

Upon completion of PSYC 12, the student will be able to:

- Analyze the ways in which psychological principles and research apply to real world problems and issues across the lifespan.
- Demonstrate critical thinking skills and information competence as applied to topics in human development.
- Demonstrate familiarity with the major concepts, theoretical perspectives, research methods, and empirical findings in human development.
- Discuss biological, psychological, and sociocultural influences on lifespan development and the sources of developmental change.

PSYC 21 Psychology of Race and Identity

Upon completion of PSYC 21, the student will be able to:

- Appraise one's own ethnic/cultural origins and one's biases towards certain groups.
- Compare and contrast research biases in the study of individuals from diverse populations.
- Compare and contrast the effects of prejudice, stereotyping, and discriminatory attitudes and behaviors upon majority and minority groups.
- Describe skills that enhance cross-cultural communication, interactions, and relationships.
- Describe stressors related to acculturation into a new society.

CSLOS

- Explain how culture affects the conceptualization of mental health, symptomology and help seeking behaviors.

Psychology Counseling

Division: Student Services

CSLOs

PCN 10 Career and Educational Planning

Upon completion of PCN 10, the student will be able to:

- Define their top personal values that they want exemplified in their career choices and in life.
- Demonstrate understanding of their personality strengths and synthesize this information towards their career decision making.
- Set a short-term career or educational goal with specific steps to reach it.

PCN 13 Multicultural Issues in Contemporary America

Upon completion of PCN 13, the student will be able to:

- Demonstrate an understanding of the historical and contemporary experiences of Americans who are in the minority (e.g., ethnic minorities, LGBT, disabled, etc.) and who have experienced marginalization.
- Explain and analyze the difference between stereotyping, prejudice, discrimination, and institutional racism.
- Demonstrate an understanding of the identity development theories and apply the course concepts to case studies.

PCN 18 University Transfer Planning

Upon completion of PCN 18, the student will be able to:

- Demonstrate the ability to articulate an individualized educational pathway toward achieving his/her transfer goal(s).
- Demonstrate the ability to develop a Transfer Action Plan for an individual transfer goal.
- Demonstrate the ability to identify a top barrier for transfer, and locate a campus resource to help overcome that barrier.

PCN 30 Student Success and the College Experience

Upon successful completion of PCN 30, students will be able to:

- Evaluate their personal level of self-awareness, responsibility, and motivation to integrate alternate strategies that support their college success.
- Implement and develop long-range educational goals by identifying appropriate courses.
- Locate and access resources and services on campus that promote and improve their learning.

Religious Studies

Division: A&H (Arts & Humanities)

CSLOs

RELS 1 Religions of the World

Upon completion of RELS 1, the student should be able to:

- Compare and contrast the teaching of major religious figures.
- Identify the core beliefs of each major world religion.

CSLOS

Sociology

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

SOC 1 Principles of Sociology

Upon completion of SOC 1, the students should be able to:

- Outline major sociological theories.
- Apply major sociological theories to world events.
- Outline the symbiotic relationship between culture and social structure.
- Explain how identities such as race, gender, sexuality, and class are socially constructed.
- Produce a document that connects sociological research methods to sociological theory.

SOC 3 Introduction to Race and Ethnicity

Upon completion of SOC 3, the students should be able to:

- Outline relevant sociological theories to accurately explain how race and ethnicity are socially constructed.
- Analyze current or historical racial and ethnic group relations using sociological theory.
- Conduct a research assignment using a multi-model sociological approach.
- Produce an academic document that connects sociological research methods to sociological theory.

Spanish

Division: A&H (Arts & Humanities)

CSLOs

SPAN 1A Beginning Spanish

Upon completion of SPAN 1A, students will be able to:

- Comprehend spoken Spanish at the beginning level.
- Orally communicate at the beginning level.
- Write at the beginning level.

Theater Arts

Division: A&H (Arts & Humanities)

CSLOs

THEA 11 Stage to Screen

Upon completion of THEA 11, the student should be able to:

- Analyze motion pictures utilizing proper film vocabulary.
- Compare and contrast stage scripts and film adaptations.
- Discuss the purposes of dramatic art (film and theatrical).
- Identify important movements and developments in theater and film history.

THEA 48A Tech Theater Prod- Beginning

CSLOS

Upon completion of THEA 48A, the student should be able to:
- Recognize and use backstage and shop terminology, tools, materials and techniques.
- Serve as a member of the running crew of a play or musical.
- Work collaboratively with designers, technicians, and other theatre personnel.

THEA 48B Tech Theater Prod- Intermediate

Upon completion of THEA 48B, the student should be able to:
- Operate and program, at a fundamental level, standard lighting, sound, or projection technology typically employed in a theatrical setting.
- Serve in an entry-level leadership position or as a key member of a crew of a theatrical performance.
- Work and problem solve in one or more areas of technical theatre.
- Work collaboratively with designers, technicians, and other theatre personnel.

THEA 48C Tech Theater Prod- Advanced

Upon completion of THEA 48C, the student should be able to:
- Identify and produce all of the material typically required in one of the design areas, lighting, projection, sound, costume, or scenic.
- Work as a designer or assistant designer at a beginning or intermediate level.
- Work collaboratively with designers, technicians, and other theatre personnel.

THEA 48D Tech Theater Prod- Capstone

Upon completion of THEA 48D, the student should be able to:
- Work collaboratively with designers, technicians, and other theatre personnel.
- Work in a managerial or supervisory role in a technical production area of a theatre company or a production.

THEA 52 Introduction to Design

Upon completion of THEA 52, the student should be able to:
- Analyze a script and create a scenic, lighting, sound, or costume design for an assigned production.
- Evaluate the effectiveness of a scenic, lighting, sound, or costume design in a given production at a fundamental level.
- Produce fundamental technical and creative paperwork for a scenic, lighting, costume, or sound design for an assigned production.
- Recognize and use theatrical design terminology, tools, materials and techniques.

THEA 57A Performance Prod- Introduction

Upon completion of THEA 57A, students should be able to:
- Create and dramatize the behavioral life of a character during rehearsal and musical theater performance.
- Evaluate and analyze a libretto and vocal score for rehearsal and musical performance.
- Use characterization, singing technique and/or dance.

THEA 57B Performance in Prod. Beginning

Upon completion of THEA 57B, the student should be able to:
- Complete a thorough and written character analysis, completed with imagined and specified historical background of the character.
- Use at least two rehearsal techniques for creating character and making acting choices.

THEA 57C Performance Prod- Intermediate

Upon completion of THEA 57C, the student should be able to:
- Analyze the musical libretto to serve as support for fellow cast members.
- Demonstrate characterization choices through physical movement such as body language and choreography.
- Develop a personalized, systematic approach for memorization.
- Research, practice, and prepare a series of personal physical and vocal warm-ups.

CSLOS

THEA 57D Performance Prod- Advanced

Upon completion of THEA 57D, the student should be able to:

- Create a leading role character and perform this role in a live theater event.
- Create and develop a vocal expression of a character.
- Express a professional work ethic through collaboration, respect, and a positive attitude.
- Integrate performance notes from the director, choreographer, and musical director at an accelerated pace.
- Memorize libretto at an accelerated deadline.

Welding Technology

Division: PATH (Public Safety, Adv. Manufacturing, Transportation, Health & Kinesiology)

CSLOs

WLDT 1 Welding Camp

Upon completion of WLDT 1, a student should be able to:

- Demonstrate safe basic hand tool usage.
- Demonstrate safety awareness in the welding workplace.
- Fabricate a simplistic metal project.

WLDT 70 Introduction to Welding

Upon completion of WLDT 70, a student should be able to:

- Demonstrate safe use of SMAW equipment.
- Demonstrate safety awareness in the welding workplace.
- Identify welding electrodes used for common industrial welding processes/applications.

Work Experience

Division: BSSL (Business, Social Science, and Learning Resources)

CSLOs

WRKX 94 Occupational Work Experience/Internship

Upon completion of WRKX 94, the student should be able to:

- Achieve workplace learning objectives established by the student, supervisor, and instructor.
- Describe professional work skills in the workplace.
- Write a professional résumé including work experience completed during the course.

WRKX 95 General Work Experience

Upon completion of WRKX 95, the student should be able to:

- Achieve workplace learning objectives established by the student, supervisor, and instructor.
- Describe professional work skills in the workplace.
- Write a self-analysis essay about development of work skills and achievement of learning objectives.