

PSLO Presentation

Las Positas

Date: 08/20/2019

AH
American Sign Language
CSLO
ASL1A - American Sign Language I <ul style="list-style-type: none">• By mid-semester students will be able to properly respond in American Sign Language to simple questions about their selves and surroundings.• Students completing the course will be able to demonstrate comprehension of Deaf Culture in daily living contexts.• Students completing the course will be able to demonstrate proficiency on expressive ASL grammatical functions for daily living contexts.• The students completing the course will be able to demonstrate proficiency in comprehension of American Sign Language for daily living contexts.
ASL1B - American Sign Language II <ul style="list-style-type: none">• By the end of the semester the student will demonstrate the ability to recognize and produce a complex ASL sentence structure.• Students completing the course will be able to demonstrate comprehension of Deaf Culture in daily living contexts.• Students completing the course will be able to demonstrate increased proficiency in expressive ASL grammatical functions for daily living contexts.• Students completing this course will be able to demonstrate increased proficiency in the comprehension of ASL in daily living contexts.
ASL2A - American Sign Language III <ul style="list-style-type: none">• By the end of the semester the student will demonstrate the ability to initiate, conduct, and terminate a context-specific conversation.• Students competing the course will be able to demonstrate increased proficiency and/or comprehension of ASL in daily living contexts, specifically describing and showing locations, describing family, homes and offices.• Students completing the course will be able to demonstrate increased proficiency and/or comprehension of expressive ASL in daily living contexts, specifically making suggestions, requests, and register complaints.
ASL2B - American Sign Language IV <ul style="list-style-type: none">• By the end of the semester the student will demonstrate comprehension and production of ASL discourse.• Students competing the course will be able to describe and identify items.• Students completing the course will be able to describe weekend activities.• Students completing the course will be able to exchange personal information.
Art
CSLO
ARTS2A - INTRODUCTION TO DRAWING <ul style="list-style-type: none">• 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.• Upon completion of ARTS 2A, the student should be able to apply content to drawings and explain its meaning.• Upon completion of ARTS 2A, the student should be able to compose drawings with the elements and principles of visual art and design.• Upon completion of ARTS 2A, the student should be able to draw with linear and tonal techniques to depict form and develop composition.• Upon completion of ARTS 2A, the student should be able to implement materials common to the drawing process.
ARTS2B - DRAWING AND COMPOSITION <ul style="list-style-type: none">• Illustrate and apply the dynamics of composition.• Illustrate and apply the dynamics of drawing skill (line quality).
ARTS3A - FIGURE AND COMPOSITION I

- Comprehend artistic anatomy of the human figure.
- Create a series of investigative drawings with different expressive strategies for the figure.
- Demonstrate the ability to analyze the human form, and represent that form on a 2-D surface.

ARTS3B - FIGURE AND COMPOSITION II

- Comprehend and create an informed body of work using artistic anatomy of the human figure.
- Create a series of intermediate level investigative drawings with different expressive strategies for the figure.
- Demonstrate an intermediate ability to analyze the human form, and represent that form on a 2-D surface.

ARTS3C - FIGURE AND COMPOSITION III

- Comprehend and create a well-informed body of work using artistic anatomy of the human figure.
- Create a series of advanced level investigative drawings with different expressive strategies for the figure.
- Demonstrate an advanced ability to analyze the human form, and represent that form on a 2-D surface.

ARTS3D - FIGURE AND COMPOSITION IV

- Comprehend and create a well-informed body of work using artistic anatomy of the human figure.
- Create a series of advanced level investigative drawings with different expressive strategies for the figure.
- Demonstrate an advanced ability to analyze the human form, and represent that form with a high degree of skill on a 2-D surface.

ARTS7A - INTRO TO WATERCOLOR PAINTING

- 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

ARTS7B - WATERCOLOR PAINTING

- 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

ARTS7C - ADV WATERCOLOR PAINTING I

- 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

ARTS7D - ADV WATERCOLOR PAINTING II

- 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
- Produce watercolor paintings demonstrating advanced composition applications

ARTS12A - OIL/ACRYLIC PAINTING: BEGIN I

- Upon completion of ARTS 12A, the student should be able to administer appropriate terminology for critiquing and analyzing paintings.

- Upon completion of ARTS 12A, the student should be able to apply content to paintings and explain its meaning.
- Upon completion of ARTS 12A, the student should be able to compose paintings with the elements and principles of visual art and design.
- Upon completion of ARTS 12A, the student should be able to develop painting skills.
- Upon completion of ARTS 12A, the student should be able to paint with a variety of techniques.

ARTS12B - OIL/ACRYLIC PAINTING: BEGIN II

- Administer appropriate terminology for critiquing and analyzing paintings.
- Apply Content to paintings and explain its meaning.
- Compose paintings with the elements and principles of visual art and design.
- Develop upon established painting skills.
- Paint with a variety of techniques and refine those techniques.

ARTS12C - OIL/ACRYLIC PAINTING: ADV I

- Administer appropriate terminology for critiquing and analyzing paintings.
- Apply Content to paintings and explain its meaning.
- Compose paintings with the elements and principles of visual art and design.
- Develop further upon established painting skills.
- Focus on previously refined techniques to develop skill.

ARTS12D - OIL/ACRYLIC PAINTING:ADV II

- Administer appropriate terminology for critiquing and analyzing paintings.
- Apply researched Content to paintings and explain its meaning.
- Compose paintings with the elements and principles of visual art and design.
- Focus on previously refined techniques to develop skill.

ARTS13A - ACRYLIC PAINTING: BEGIN I

- Administer appropriate terminology for critiquing and analyzing paintings.
- Apply Content to paintings and explain its meaning.
- Compose paintings with the elements and principles of visual art and design.
- Develop painting skills.

ARTS13B - ACRYLIC PAINTING: BEGIN II

- Administer appropriate terminology for critiquing and analyzing paintings.
- Apply Content to paintings and explain its meaning.
- Compose paintings with the elements and principles of visual art and design.
- Develop upon established painting skills.
- Paint with a variety of techniques and refine those techniques.

ARTS13C - ACRYLIC PAINTING: ADVANCED I

- Administer appropriate terminology for critiquing and analyzing paintings.
- Apply content to paintings and explain its meaning.
- Compose paintings with the elements and principles of visual art and design.
- Develop further upon established painting skills.
- Focus on previously refined techniques to develop skill.

ARTS13D - ACRYLIC PAINTING: ADVANCED II

- Administer appropriate terminology for critiquing and analyzing paintings.
- Apply researched Content to paintings and explain its meaning.
- Compose paintings with the elements and principles of visual art and design.

- Develop further upon established painting skills.
- Focus on previously refined techniques to develop skill.

ARTS23 - 2-D Design

- Create a portfolio of all projects that demonstrates a working knowledge of 2D design.
- Create a self-portrait collage that demonstrates knowledge of the elements and principles of design.

ARTS24 - 3-D Design

- Demonstrate and apply an understanding of 3D composition.
- Demonstrate and apply excellent craftsmanship.

Art History

CSLO

ARHS1 - INTRODUCTION TO ART

- Analyze the relationship of the viewer's subjective responses to the viewer's cultural, historic, and social background
- Compare and contrast images using visual elements and design principles examined in class
- Distinguish the relationship of design principles and be able to relate these principles to content/meaning of a particular work
- Identify and discuss the concerns of specific mediums and media in constructing meaning
- 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
- Relate formal elements to principles of design in analyzing and evaluating content and meaning in a given art work
- Upon completion of ARHS 1, the student should be able to apply artistic terminology, including the elements and principles of design, to written and verbal analysis of artwork.
- 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.
- Upon completion of ARHS 1, the student should be able to identify historical and contemporary artistic mediums and technical processes.
- Use specific aesthetic vocabulary to describe and analyze works of art

ARHS4 - ART HISTORY - ANCIENT

- 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.
- Upon completion of ARHS 4, the student should be able to articulate connections between artistic movements and historical events in the Western world from pre-history through the Gothic period.
- Upon completion of ARHS 4, the student should be able to identify ancient Western art movements, artists, and technical processes.
- Identify the works of art by their technical processes.
- Interpret the various ways in which works of art have been used as vehicles of expression.
- Identify the overall evolution of the period.

ARHS5 - ART HISTORY-RENAISSANCE MDRN

- Upon completion of ARHS 5, the student should be able to analyze the religious, cultural, economic and political issues of the modern Western world and their relationship to artistic and architectural production.
- Upon completion of ARHS 5, the student should be able to analyze works of art and how they relate to their associated world geography.
- Upon completion of ARHS 5, the student should be able to articulate connections between artistic movements and historical events in the Western world from the Renaissance through the 20th century.
- Upon completion of ARHS 5, the student should be able to distinguish advancements in technique, methods, and technology as they impact visual art.
- Upon completion of ARHS 5, the student should be able to distinguish between the art historical periods from Renaissance through Contemporary.
- Upon completion of ARHS 5, the student should be able to identify Western art movements, artists, and technical processes from the Renaissance through the 20th century.
- Upon completion of ARHS 5, the student should be able to recognize and identify individual works of art and architecture of significance.

- Upon completion of ARHS 5, the student will be able to identify the overall evolution of the period.
- Upon completion of ARHS 5, the student will be able to identify the works of art by their technical processes.
- Upon completion of ARHS 5, the student will be able to interpret the various ways in which works of art have been used as vehicles of expression.

Communication Studies

CSLO

CMST1 - Fundament. of Public Speaking

- Deliver a clearly organized speech.
- Deliver a speech with effective content.
- Perform a speech using effective delivery.

CMST2 - Oral Interpretation of Lit.

- Compile a collection of literature from different genres that unite with a central theme.
- Perform a Selection of Literature Aloud.

CMST3 - Group Communication

- Upon completion of CMST 3, the student should be able to effectively communicate in a group performance to complete a task or goal.

CMST5 - Readers Theater

- Create a Readers Theater compilation script.
- Perform a Readers Theater compilation script.

CMST10 - Interpersonal Communication

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

CMST11 - Intercultural Communication

- Upon completion of CMST 11, Intercultural Communication, the student should be able to demonstrate an ability to effectively communicate in a culture other than their own.

CMST46 - Argumentation and Debate

- Critically analyze an argument.
- Develop and Deliver an Argument.

CMST48 - Activities in Forensics

- Upon completion of CMST 48, the student should be able to perform a platform speech in a competitive situation.
- Upon completion of CMST 48, the student should be able to perform an oral interpretation presentation in a competitive situation.

Dance

CSLO

DANC1 - Introduction to Dance

- Demonstrate increased technical ability and knowledge regarding alignment, range of motion, strength and flexibility.
- Develop and appreciate dance as both its physical and artistic forms.
- Perform basic dance exercises with proper form.

DANC2A - Jazz Dance Beginning

- Demonstrate increased technical ability and knowledge regarding alignment, range of motion, strength and flexibility.
- Perform basic dance exercises with proper form.

DANC2B - Jazz Dance Intermediate

- Participate in the intermediate elements of a jazz dance class
- Perform the intermediate elements of jazz dance

DANC3A - Ballet-Beginning

- Demonstrate correct center work.
- Participate in the elements of a ballet lesson.

DANC4A - Modern/Contemporary Dance A

- Upon completion of DANC 4A, students will be able to demonstrate introductory level modern dance technique.
- Upon completion of DANC 4A, students will be able to identify and explain the Elements of Dance (B.A.S.T.E.)

DANC4B - Modern/Contemporary Dance B

- Upon completion of DANC 4B, students will be able to apply the Elements of Dance (B.A.S.T.E.) to analyze and create movement.
- Upon completion of DANC 4B, students will be able to demonstrate beginning/intermediate level modern dance technique.

DANC5A - Dance Composition Beginning

- Block dance patterns and create unique interpretations of more traditional dance forms
- Demonstrate the basic choreographic principles used in the designing and presenting of dance compositions
- Demonstrate the various rhythmic and dance patterns as they apply to selected dance expressions

DANC5B - Dance Composition Intermediate

- Block dance patterns and create unique interpretations of more traditional dance forms
- Demonstrate the basic choreographic principles used in the designing and presenting of dance compositions
- Demonstrate the various rhythmic and dance patterns as they apply to selected dance expressions
- Differentiate the various rhythmic and dance patterns as they apply to selected dance expressions.
- Make several short dances that respond to a variety of choreographic prompts.
- Recognize the intermediate choreographic principles used in designing and presenting dance compositions.

DANC6A - Dance Prod.Choreography A

- Upon completion of DANC 6A, students will be able to apply knowledge of dance production elements for stage production.
- Upon completion of DANC 6A, students will be able to construct critical feedback and assess feedback from others in evaluating individual choreography.
- Upon completion of DANC 6A, students will be able to create, practice and perform engaging choreography.

DANC6B - Dance Prod.Choreography B

- Upon completion of DANC 6B, students will be able to apply knowledge of dance production elements, specific to creating a complete dance work, lighting design and costuming for a stage production.
- Upon completion of DANC 6B, students will be able to construct, assess and incorporate critical feedback from others in evaluating individual choreography allowing for choreographic advancement.
- Upon completion of DANC 6B, students will be able to create, practice and perform clear and engaging choreography.

English**CSLO****ENG1A - Critical Reading and Comp**

- Upon completion of English 1A, the student will be able to identify the main ideas and supporting arguments of a college-level text.
- Upon completion of English 1A, the student will be able to research a topic using credible sources and document sources in an academically responsible way.
- Upon completion of English 1A, the student will be able to use effective and correct sentence structures to convey ideas.
- Upon completion of English 1A, the student will be able to write an academic essay using textual evidence to support a thesis.

ENG4 - Critical Thinking/Writing Lit

- Upon completion of English 4, the student will be able to identify and evaluate implied arguments in college-level literary texts.
- Upon completion of English 4, the student will be able to use grammar, vocabulary, and style appropriate for academic essays.
- Upon completion of English 4, the student will be able to write a research paper using credible sources and correct documentation.

- Upon completion of English 4, the student will be able to write an academic essay synthesizing multiple texts and using logic to support a thesis.

ENG7 - Critical Thinking/Writing

- 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.
- Upon completion of English 7, the student will be able to use grammar, vocabulary, and style appropriate for academic essays.
- Upon completion of English 7, the student will be able to write a research paper using credible sources and correct documentation.
- Upon completion of English 7, the student will be able to write an academic essay synthesizing multiple texts and using logic to support a thesis.

ENG11 - Intro to Creative Writing

- Upon completion of English 11, the student should be able to write a short story applying techniques of dialogue, characterization, point-of-view, plot, description, style, tone, and voice.
- Upon completion of English 11, the student should be able to write poems in traditional and modern forms, applying techniques including image, metaphor, sound, and symbolism.

ENG12A - 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.

ENG12B - Craft of Writing Fict:Intermed

- 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.

ENG13A - Intro. Craft of Writing Poetry

- Upon completion of English 13A, students should be able to write poems in traditional and modern forms, demonstrating proficiency in techniques including image, metaphor, sound, and symbolism to develop ideas and create meaning.

ENG19A - Journal of Arts and Writing A

- Students will create a literary anthology, following a timeline for production, creating submission guidelines, soliciting submissions, assessing and selecting submissions, editing and formatting anthology content and organizing an awards ceremony for contributors and contest winners.

ENG19B - Journal of Arts and Writing B

- Students will create a literary anthology, following a timeline for production, creating submission guidelines, soliciting submissions, assessing and selecting submissions, editing and formatting anthology content and organizing an awards ceremony for contributors and contest winners.

ENG20 - Studies in Shakespeare

- Upon completion of English 20, students will be able to analyze an author's use of literary techniques to develop a theme.
- Upon completion of English 20, students will be able to identify, analyze, and interpret the distinctive metaphors, poetic forms and vocabulary used in Shakespeare's plays and sonnets.
- Upon completion of English 20, the student will be able to recognize, appreciate, and compare the similarities and differences between authors, characters, and self that stem from historical era and cultural tradition.

ENG32 - U.S. Women's Literature

- Upon completion of English 32, the student will be able to analyze an author's use of literary techniques to develop a theme.
- Upon completion of English 32, the student will be able to recognize, appreciate, and analyze the impact of gender on individual expression.
- Upon completion of English 32, the student will be able to recognize, appreciate, and compare the similarities and differences between authors, characters, and self that stem from historical era and cultural tradition.

ENG35 - MODERN AMERICAN LITERATURE

- Upon completion of English 35, students should be able to analyze, evaluate, and interpret how 20th century American literature creates and reflects an American identity.
- Upon completion of English 35, students should be able to analyze an author's use of literary techniques to develop a theme.
- Upon completion of English 35, students should be able to recognize, appreciate, and compare the similarities and differences between authors, characters, and self that stem from historical era and cultural tradition.

ENG41 - WORLD LIT: 17TH CENT-PRESENT

- Upon completion of English 41, the student will be able to analyze an author's use of literary techniques to develop a theme.
- Upon completion of English 41, the student will be able to analyze two authors from different cultures, recognizing universal themes as well as distinct ideas regarding human nature, cultural values, or literary form.

- Upon completion of English 41, the student will be able to recognize, appreciate, and compare the similarities and differences between authors, characters, and self that stem from historical era and cultural tradition.

ENG44 - Literature of 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.
- Upon completion of English 44, the student will be able to 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.
- Upon completion of English 44, the student will be able to describe literary aspects of American Western narrative, including narrative style, character, dialogue, figurative language, and the use of landscape, among others.
- Upon completion of English 44, the student will be able to recognize, appreciate, and compare the similarities and differences between authors, characters, and self that stem from historical era and cultural tradition.

ENG45 - Studies in Fiction

- Upon completion of English 45, the student will be able to analyze an author's use of literary techniques to develop a theme.
- Upon completion of English 45, the student will be able to demonstrate familiarity with the structure of the works studied and discuss the works using appropriate literary terms such as metaphor, plot, point of view, and character development.
- Upon completion of English 45, the student will be able to recognize, appreciate, and compare the similarities and differences between authors, characters, and self that stem from historical era and cultural tradition.

ENG100A - INTEGRATED READING & WRITING I

- Upon completion of English 100A, students will be able to describe a text's main and supporting ideas.
- Upon completion of English 100A, students will be able to write a unified, multi-paragraph expository essay.
- Upon completion of English 100A, students will be able to write in clear sentences.

ENG104 - Integrated Reading & Writing II

- Upon completion of English 104, students will be able to identify main and supporting ideas of a nonfiction article.
- Upon completion of English 104, students will be able to use a variety of sentence structures.
- Upon completion of English 104, students will be able to write about an author's words and ideas in an academically responsible way.
- Upon completion of English 104, students will be able to write an essay with a thesis and controlling idea.

ENG104W - Integrated Read & Writing WK

- Upon completion of English 104W, students will be able to demonstrate metacognition in a reflection on experience of 104W course

English as a Second Language

CSLO

ESL23 - College Grammar

- Upon completion of this course, students should be able to interpret and analyze verb tense and aspect, use appropriate verb tense and aspect in discourse, interpret, analyze, and use active and passive voice in discourse.

ESL24 - Adv. Reading and Composition I

- Upon completion of the course, students should be able to produce an essay of five to six paragraphs with a minimum of 500 words that demonstrates clear organization, logical development, and correct language use.

ESL25 - Adv. Reading and Comp. II

- Upon completion of the course, students should be able to write an essay of five to seven paragraphs that demonstrates clear organization, logical development, and correct language use.

ESL26 - Advanced Editing

- Upon completion of this course students should be able to distinguish the subject, verb, and object in each clause in compound, complex, compound-complex sentence and identify errors.
- Upon completion of this course students should be able to identify verbs as linking, intransitive, or transitive in all clauses in simple, compound, complex, and compound-complex sentences and identify errors.
- Upon completion of this course students should be able to select, use, and explain the correct verb tense (simple, progressive, perfect, and perfect progressive: present, past, and future) for the verbs on the list of most common 0-2000 word list as well as select verbs from the academic word list.
- Upon completion of this course students should know the verb forms (base, past, past participle, present participle) for the verbs on the list of most common 0-2000 words as well as select words from the academic word list and identify errors.

ESL120A - Interm Grammar/Read, Write I

- Upon completion of this course students should know the verb forms (base form, past form, past participle, and present participle) and verbs that are frequently followed by a gerund or an infinitive for the verbs on the 0-1000 word list and select verbs from the 1000-2000 word list.

ESL120B - Interm Grammar/Read, Write II

- Upon completion of this course, students should be able to select and use the correct verb tense (simple, progressive, perfect, and perfect progressive: present, past, future) for verbs on the list of the most common 0-2000 words, especially the irregular verbs.
- Upon completion of this course, students should know the verbs forms (base, past, past participle, and present participle) and verbs that are frequently followed by a gerund or an infinitive from the verbs on the list of most common 0-2000.
- Upon completion of this course, the student should be able to distinguish subjects, verbs, direct objects, prepositional phrases, gerund phrases, infinitive phrases, and infinitives of purpose in simple, compound and complex sentences with adverb, adjective and noun clauses.
- Upon completion of this course, the student should be able to use standard grammar terminology to analyze and discuss English in written discourse: parts of speech, parts of a sentence (subject, verb, direct object, indirect object, gerund, infinitive, prepositional phrase, and noun phrase), modal, and simple, compound, and complex sentences.

ESL121A - Interm. Reading and Writing I

- Upon completion of the course, students should be able to produce an essay of three or more paragraphs that demonstrates level appropriate and coherent writing through organization, development and language use.

ESL121B - Interm. Reading and Writing II

- Upon completion of the course, students should be able to produce an essay of four or more paragraphs that demonstrates level appropriate and coherent writing through organization, development and language use.

ESL123 - Intermediate Oral Communica

- Upon completion of this course, students will be able to research and make a five-minute presentation on a new topic.

ESL126 - Pronunciation of English

- Upon successful completion of this course, students will be able to give oral directions and instructions.

ESL130A - Beg Grammar/Write, Read I

- Upon completion of this course, students should know the verb forms (base form, past form, past participle, and present participle) for the verbs on the list of most common 0-500 words.

ESL130B - Beg Grammar/Read/Write II

- Upon completion of this course, the student should be able to use standard grammar terms to identify the parts of speech, parts of a sentence (subject, verb, direct object, indirect object, gerund, infinitive, prepositional phrase, noun phrase) modal, and simple, compound, and complex sentences.
- Upon completion of the course, students should be able to select and use the correct verb tense (simple present, simple past, present progressive and future) for the verbs on the list of the most common 0-1000 words, especially the irregular verbs.
- Upon completion of this course, students should know the verb forms (base form, past form, past participle, and present participle) and verbs that are frequently followed by a gerund or an infinitive for the verbs on the list of most common 0-1000 words.
- Upon completion of this course, the student should be able to distinguish subject, verb, objects, and phrases (noun, prepositional, gerund, and infinitive) in simple and compound sentences.

ESL131A - Beg. Reading and Writing I

- Upon completion of the course, students should be able to produce paragraphs of 8 -12 sentences that demonstrate level appropriate and coherent writing through organization, development and language use.

ESL131B - Beg. Reading and Writing II

- Upon completion of the course, students should be able to produce a paragraph of 12-15 sentences that demonstrate level appropriate and coherent writing through organization, development and language use.

ESL133 - Beginning Oral Communication

- Upon completion of this course, students will be able to comprehend a short lecture on an academic topic.

ESL136 - Pronunciation and Fluency

- Upon completion of this course, the student should be able to decide which syllable to stress within the focus words of a reading passage.

French

CSLO

FREN1A - Beginning French

- By the end of the semester students will write a 6-8 sentence present indicative paragraph.

FREN1B - Elementary French

- By the end of the semester students will write an 8-10 sentence paragraph in the passé composé.

Graphic Design Digital Media

CSLO

GDDM2 - Wordpress/Content Mgmt.

- Students who successfully complete GDDM 2 should be able to determine the best content management system to use for a given web development project.
- Students who successfully complete GDDM 2 should be able to develop dynamic websites using content management systems.
- Students who successfully complete GDDM 2 should be able to install and set up WordPress and other content management systems such as Joomla and Drupal.
- Students who successfully complete GDDM 2 should be able to use PHP and JavaScript/jQuery to create child and a basic custom theme in WordPress.

GDDM3 - The History of Modern Design

- Students who successfully complete GDDM 3 should be able to identify and discuss the basic historical influences of modern design in architecture, industrial design, graphic design, and interior design.
- Students who successfully complete GDDM 3 should be able to identify and discuss the role of design in contemporary society.
- Students who successfully complete GDDM 3 should be able to identify, compare, and discuss the major historical design movements of the 20th century.

GDDM4 - User Interface and Exp. Design

- Students who successfully complete GDDM 4 will be able to develop interfaces for various device types by following standard User Experience Design principles and techniques.
- Students who successfully complete GDDM 4 will be able to discuss and apply basic design principles as they apply to multimedia.
- Students who successfully complete GDDM 4 will be able to discuss and apply the basic principles of information architecture.
- Students who successfully complete GDDM 4 will be able to generate documents related to User Experience Design such as wireframes and personas.

GDDM40 - Design Shop: Business Design

- Students who successfully complete GDDM 40 should be able to complete a project from concept to conclusion alone or in a team, to deadline, and to client's stated criteria, with disciplined control and craftsmanship.
- Students who successfully complete GDDM 40 should be able to explain the components of the design business, both front and back end.
- Students who successfully complete GDDM 40 should be able to lead client presentations at the professional-level, including an ability to discuss objectives, research, conceptual process and strategies, and lead critique and feedback sessions using industry-standard terminology.
- Students who successfully complete GDDM 40 should be able to use Adobe Creative Suite software with ease and facility at the advanced level.

GDDM45A - Digital Painting I

- Students who successfully complete GDDM 45A should be able to compare and contrast different available software and hardware tools for digital painting.
- Students who successfully complete GDDM 45A should be able to compose paintings with the elements and principles of visual art and design.
- Students who successfully complete GDDM 45A should be able to paint with a variety of techniques and software.
- Students who successfully complete GDDM 45A should be proficient with digital painting software and techniques.

GDDM45B - Digital Painting II

- Students who successfully complete GDDM 45B will be able to create images demonstrating dynamic composition.
- Students who successfully complete GDDM 45B, should be able to apply principles of color theory and practical color mixing (accurately depict the effects of color temperature on local colors, effects of atmospheric perspective, effects of light and shadow).
- Students who successfully complete GDDM 45B, should be able to create images that effectively communicate elements of storytelling in the image.
- Students who successfully complete GDDM 45B, should be able to draw and paint from reference images and from imagination using digital tools.

GDDM50 - Visual Com/Process of Design

- Students who successfully complete GDDM 50 should be able to define a verbal concept as spatial and proportional relationships; refine concept as an abstract or pictorial image; work through multiple revisions; present and defend image in instructor critique.

- Students who successfully complete GDDM 50 should be able to: 1. Explore ways visual elements enhance expression in design. 2. Achieve unity through variety. 3. Identify the kinds of variety and the principles at work to create variety. 4. Examine harmonious combinations of type with imagery and other design elements. 5. Manage a variety of figure-ground relationships in the same composition.
- Students who successfully complete GDDM 50 should be able to Concept, idea, visualization: Understand design as a visual language that is built on fundamental principles and elements
- Students who successfully complete GDDM 50 should be able to 1. Improve technical skills to work with shapes, proportion, scaling, proximity, quantity, motif and high contrast (B&W) images. 2. Improve usage skills with the Adobe Illustrator computer graphics program. 3. Improve understanding of the Adobe Illustrator user interface architecture

GDDM51 - Color Theory for Design

- Upon completion of GDDM 51, students should be able to describe the different interactions of color and how it affects color perception and to be able to revise/adjust color combinations to achieve color harmony.
- Upon completion of GDDM 51, students should be able to explain the difference between additive and subtractive color models and identify the appropriate instances to use each color model.
- Upon completion of GDDM 51, students should be able to make compositional decisions using color as the main design element by selecting colors appropriate to a project's design and communication goals.
- Upon completion of GDDM 51, students should be able to recognize traditional color schemes and color relationships when looking at color combinations

GDDM52 - Introduction to Typography

- A student who successfully completes GDDM 52 will be able to describe how type is used in graphic design, describe the relationship between type and the visual message it conveys and manipulate type for effect (e.g., to create a mood, to make an impact).
- A student who successfully completes GDDM 52 will be able to design effective page layouts using appropriate typesetting techniques such as typeface choice, size, spacing, line length, and page grid.
- A student who successfully completes GDDM 52 will be able to identify and use terminology related to the anatomy of letters, and describe how these elements are used to create and measure typefaces as well as identify type by classification and their place in history.
- A student who successfully completes GDDM 52 will be able to select typefaces appropriate to a project's design and communications goals and to use letterforms as design elements.

GDDM53 - Photoshop I

- A student who successfully completes GDDM 53 will be able to create photographic montages using Adobe Photoshop.
- A student who successfully completes GDDM 53 will be able to use Photoshop tools to manipulate images for retouching, color correction, and basic adjustments.
- A student who successfully completes GDDM 53 will be able to use various tools for creating Selections, Mask, and Alpha Channels to isolate and manipulate images.

GDDM54 - Illustrator I

- Upon completion of GDDM 54, students should be able to create new Illustrator Documents efficiently and open existing Illustrator Documents for editing and modification: set-up/launch, retrieve, save for print and screen.
- Upon completion of GDDM 54, students should be able to demonstrate understanding of the Pen Tool, individual anchor points, and Bezier handles, and be able to manipulate artwork on a point-by-point level.
- Upon completion of GDDM 54, students should be able to use Illustrator at the most basic level to create illustrations and simple graphic designs.
- Upon completion of GDDM 54, students will be able to work in the Illustrator interface with facility.

GDDM55 - Web Design I

- Upon completion of GDDM 55 Web Design I, students should be able to create and manipulate HTML and HTML5 and CSS within a HTML5 website.
- Upon completion of GDDM 55 Web Design I, students should be able to Exhibit an understanding of the utilization of time appropriate methodologies in producing website ready files. Build an html website with the optimized html code.
- Upon completion of GDDM 55 Web Design I, students should be able to use Dreamweaver at the most basic level to create a 5-page web site that shows good use of design principles and takes into account the needs of the end user.
- Upon completion of GDDM 55 Web Design I, the student should be able to create optimized digital artwork to be used within a HTML website.
- Upon completion of GDDM 55 Web Design I, the student should be able to utilize image manipulation software to create an automated workflow in optimizing multiple images.

GDDM56 - Introduction to Graphic Design

- Upon completion of GDDM 56, students should be able to critically analyze graphic design problems and artwork solutions.
- Upon completion of GDDM 56, students should be able to design and assemble a technically proficient body of two-dimensional design work that demonstrates the successful visualization of ideas and applies the fundamental knowledge and related set of skills to produce two-dimensional design work.
- Upon completion of GDDM 56, students should be able to develop and practice and the knowledge and skills to work in two-dimensional spaces utilizing the basic elements and principles of design: unity, balance, scale, hierarchy, emphasis, similarity and contrast, pattern and

texture, color, etc.

- Upon completion of GDDM 56, students should be able to generate effective design processes by utilizing the fundamental design elements, such as: Squares, dots, lines, text and mass for creating effective compositions; current trends in visual communication.

GDDM57 - Branding and Identity Design

- Upon successful completion of GDDM 57, students should be able to actively work as a part of a design team as a project manager, art director, lead designer, and production artist.
- Upon successful completion of GDDM 57, students should be able to apply design and marketing knowledge and theories in teams and alone to create the visual foundations for innovative design work within the scope of a given project that clarifies, synthesizes and dramatizes the familiar world.
- Upon successful completion of GDDM 57, students will be able to identify and understand the collaborative nature of the design process and the multiple areas of focus and/or specialization required to create professional design work, including project management, art direction, lead design, art production, as well as the outside talents such as writing, photography, illustration and calligraphy.
- Upon successful completion of GDDM 57, students will be able to prepare for, lead and/or participate in, and summarize client meetings to determine the scope of work for design projects.

GDDM58 - Photoshop II

- Students who successfully complete GDDM 58 will be able to apply design principles in relationship to digital image painting manipulation, illustration and other composition tasks.
- Students who successfully complete GDDM 58 will be able to compose and manipulate a variety of images from various sources into photo-realistic composites.
- Students who successfully complete GDDM 58 will be able to create accurate electronic files for delivery to screen (web, app development, multimedia) and print (prepress, photo prints).
- Students who successfully complete GDDM 58 will be able to generate special effects in Photoshop using filters, adjustment layers, layer masks, and layer effects.

GDDM59 - Illustrator II

- Students who successfully complete GDDM 59 will be able to create artwork that is easy to revise and demonstrate the ability to modify by changing the color scheme, filters, and other appearance attributes.
- Students who successfully complete GDDM 59 will be able to incorporate raster images into their work and be able to develop their artwork using both raster and vector art.
- Students who successfully complete GDDM 59 will be able to set up a perspective grid using the perspective tools and apply the basic principals of linear perspective.

GDDM60 - Creative Portfolio Development

- Students who successfully complete GDDM 60 will be able to make oral and visual presentations of their professional portfolios and self-promotional materials to industry standard.
- Students who successfully complete GDDM 60 will be able to prepare a personal portfolio and related self-promotional materials to industry standards for several possible practical applications.
- Students who successfully complete GDDM 60 will be able to prepare a personal résumé tailored to industry standards.
- Students who successfully complete GDDM 60 will be able to strategize effective self-promotion of ideas and skills for employment in the visual communications world.

GDDM62 - Web Design II

- Upon completion of GDDM 62 Web Design II, students should be able to apply JavaScript to a HTML5 website.
- Upon completion of GDDM 62 Web Design II, students should be able to create an optimized responsive HTML5 website with CSS.
- Upon completion of GDDM 62 Web Design II, students should be able to create HTML5 multiple video sources for a HTML5 website.

GDDM64 - InDesign I

- Students who successfully complete GDDM 64 should be able to create an effective layout by combining text and images and manage all related art assets for press ready output.
- Students who successfully complete GDDM 64 should be able to effectively use type with appropriate consideration to typeface, style, size, location, and formatting in regards to legibility and readability of text.
- Students who successfully complete GDDM 64 will be able to apply the fundamental principals and considerations of page layout design by properly setting up a document to correct trim, bleed, margins, page count, and folds.
- Students who successfully complete GDDM 64 will be able to effectively combine text and images into a single layout and manage all related art assets for final output.
- Students who successfully complete GDDM 64 will be able to identify various image formats, its features and its limitations and to use appropriate image types in page layouts at the correct size, resolution, and color space.
- Students who successfully complete GDDM 64 will be able to utilize typographic tools and typesetting features in InDesign, demonstrating the ability to select the appropriate font, style, size, location, and formatting in regards to legibility of text.

GDDM65 - Elect Prepress/Print Prod

- Students who complete GDDM 65 will be able to use Illustrator at industry-standard level to design and pre-flight work for print production taking into account technical requirements as well as layout and design principles.
- Students who complete GDDM 65 will be able to use InDesign at industry-standard level to design and pre-flight work for print production taking into account technical requirements as well as layout and design principles.
- Students who complete GDDM 65 will be able to use Photoshop at industry-standard level to design and pre-flight work for print production taking into account technical requirements as well as layout and design principles.

GDDM68 - Creative Portfolio Prep

- Students who successfully complete GDDM 68 will compile a body of work to be used to build a professional level portfolio.
- Students who successfully complete GDDM 68 will create self-initiated projects that reflect the student's interests and reflect their design sensibility.
- Students who successfully complete GDDM 68 will revise and update existing projects with fresh perspective and develop projects to reflect current skill levels.

Humanities

CSLO

HUMN3 - FLM-Drama-Mus-Vis Art-Lyr Poet

- Use the evaluative methods discussed in class to meaningfully organize, interpret, and evaluate specific works of art.

HUMN4 - Global Cinemas

- Upon completion of HUMN 4, students will be able to analyze major characteristics of global film traditions.

HUMN6 - NATURE AND CULTURE

- Students will create a project that demonstrates their personal aesthetic of the natural world.
- Use the evaluative methods discussed in class to meaningfully organize, interpret, and evaluate specific works of art.

HUMN7 - Contemporary Humanities

- Students will be able to synthesize the main concepts of contemporary humanities.
- Use the evaluative methods discussed in class to meaningfully organize, interpret, and evaluate specific works of art.

HUMN10 - The American Style

- Use the evaluative methods discussed in class to meaningfully organize, interpret, and evaluate specific works of art.

HUMN28 - The Classic Myths

- Students will be able to analyze classical texts.

HUMN44 - Narrative Film and Film Music

- Students will be able to analyze film techniques.

Interior Design

CSLO

INTD5 - Principles of Interior Design

- Demonstrate confidence in application of colors, patterns, and textures
- Demonstrate presentation skills with a color board pertaining to a client profile
- Gather information on materials and present a board of wood species and stain colors

INTD10 - Introduction to Textiles

- To be able to advise clients about color and texture of textile materials so they will be compatible with other fabrics/materials throughout the design
- To be aware of the variety of textiles available to clients
- To be knowledgeable about wear and use of textiles in order to advise clients appropriately
- To present completed textile designs that demonstrate an ability to search out unique and satisfying solutions for individualized client goals.
- To recognize differences in textile aesthetics and create combinations that present visual logic, interest and compatibility.

INTD15 - Drafting for Interior Design

- Ability to design a layout - drawing a floorplan based on conceptual bubble diagrams
- Demonstrate ability to measure, calculate and draw a room using standard drafting procedures
- Render drawings calculating scale sizes of an elevation

INTD20 - History of Interiors/Furn.

- Explain the contribution and value of past periods to current design practice
- Identify interiors and furnishings by period and style
- Recognize styles and major architectural influences

INTD25 - Materials and Resources

- Analyze current uses of materials and learn about resources in home application
- Demonstrate presentation skills with a color board showing materials and citing resources for the "perfect" home
- Understand the nature of the materials used in home furnishings and overall home fashion

INTD30 - Fundamentals of Lighting

- Be able to select appropriate lighting sources for specific uses
- Demonstrate knowledge of the different categories of lighting: ambient, task, decorative, direct, indirect.
- Evaluate existing residential and commercial lighting installations

INTD35 - Residential Space Planning

- Ability to work with clients to respond to their individual needs and requests
- Present accurately drawn floor plans and elevations with space planning criteria
- Understand the principles relating to design, spaces, and materials

INTD40 - Computer Aided Design

- Upon completion of Interior Design 40, students should be able to create, design, and produce a floorplan.
- Upon completion of Interior Design 40, students should be able to execute a conception plan into the computer program from drawings to full plans, including 3D visual prints and animation.
- Upon completion of Interior Design 40, students should be able to use dimensions and measuring to achieve scales on computerized floor plans.

INTD45 - Kitchen and Bathroom Design

- Demonstrate ability to write complete and correct materials and product specifications.
- To be able to design a Kitchen or Bath with a recognition of the codes and accepted guidelines affecting safety and functionality for the user.
- To be aware of the various mechanical/technical infrastructure required of kitchen and bath design
- To be fluent with the variety of finishing materials available in kitchen and bath designs
- To be fully aware of the specific and unique challenges of kitchen and bath design
- To demonstrate an understanding of the cabinetry nomenclature system for the kitchen and bath industry.

INTD47 - Professional Practices

- Create a strategic plan for operating a business
- Demonstrate knowledge of methods of compensation, marketing, public relations, and advertising
- Demonstrate state and local requirements for interior design

Italian

CSLO

ITLN1A - Beginning Italian

- By the end of the semesters students will write a 6-8 sentence present tense paragraph.

ITLN1B - Elementary Italian

- By the end of the semester students will write an 8-10 sentence paragraph in passato prossimo.

Mass Communications

CSLO

MSCM1 - Intro Reporting & Newswriting

- In Mass Communications 1, Journalism: News Writing, the student will research and write a news story demonstrating skills in writing a lead, integrating quotations, showing balance, using proper mechanics and style, and conforming to industry standards of law, ethics, and taste.

MSCM3 - Magazine & Feature Writing

- In Mass Communications 3, Magazine & Feature Writing, the student will research and write a feature article demonstrating skills in selecting a worthy topic and angle, accumulating research, writing a compelling beginning, middle, and end, and integrating quotations and data, while using proper mechanics and style to industry standards of law, ethics, and creativity.

MSCM5 - Intro to Mass Communications

- In Mass Communications 5, Introduction to Mass Communications, the student will be able to describe the history, social impact, economics, and regulation of mass communications.
- In Mass Communications 5, Introduction to Mass Communications, the student will create a comparative analysis of how different media outlets cover a single new story.

MSCM7 - INTRO TO PUBLIC RELATIONS

- In Mass Communications 7, Introduction to Public Relations, the student will create and pitch a professional public relations proposal that exhibits writing skills, creativity, understanding of (social) media and audiences, problem-solving abilities, and grasp of modern PR techniques.

MSCM14 - Writing and Photo Publication

- In Mass Communications 14, Writing and Photo Publication, the student will contribute to the production of the college newspaper, The Express, with an increasing degree of proficiency, demonstrating professionalism, functional skills, teamwork, commitment to the organization, and completion of assigned stories and visuals in proper style.

MSCM16A - EXPRESS COLLEGE NEWSPAPER A

- In Mass Communications 16A, Express College Newspaper A, the student will create The Express, demonstrating increasing understanding of use of headlines and text, architecture and design, content and organization, and elements that serve to establish a house style.
- In Mass Communications 16A, Express College Newspaper A, the student will recognize, acquire, produce, and distribute content for the weekly college newspaper, The Express, demonstrating increasing understanding of standards of journalism and design.

MSCM16B - EXPRESS COLLEGE NEWSPAPER B

- In Mass Communications 16B, Express College Newspaper B, the student will recognize, acquire, produce, and distribute content for the weekly college newspaper, The Express, demonstrating intermediate-level understanding of standards of journalism and design and increased understanding of online distribution.
- Upon completion of Mass Communications 16B, the student should be able to critique The Express, demonstrating intermediate-level understanding of the standards of journalism, including effective use of journalistic writing style, visuals, design, layout, and editing.

MSCM16C - Express College Newspaper C

- In Mass Communications 16C, Express College Newspaper C, the student will recognize, acquire, produce, and distribute content for the weekly college newspaper, The Express, demonstrating intermediate-to-advanced level understanding of standards of journalism and design and increased understanding of online distribution.
- Upon completion of Mass Communications 16C, the student should be able to critique The Express, demonstrating intermediate-to-advanced understanding of the standards of journalism, including effective use of journalistic writing style, visuals, design, layout, and editing.

MSCM16D - Express College Newspaper D

- In Mass Communications 16D, Express College Newspaper D, the student will recognize, acquire, produce, and distribute content for the weekly college newspaper, The Express, demonstrating advanced level understanding of standards of journalism and design and increased understanding of online distribution.
- Upon completion of Mass Communications 16D, the student should be able to critique The Express, demonstrating advanced understanding of the standards of journalism, including effective use of journalistic writing style, visuals, design, layout, and editing.

MSCM17 - EXPRESS EDITORIAL BOARD

- In Mass Communications 17, Express Editorial Board, the student will serve as a leader for the weekly college newspaper, The Express, recognizing, acquiring, producing, and distributing content; student will lead others in increased understanding of standards of journalism and design and increased understanding of online distribution.

MSCM19A - Journal of Arts and Writing A

- In Mass Communications 19A, Literary Magazine, the student will work with others to create a literary anthology, following a timeline for production, creating submission guidelines, soliciting submissions, assessing and selecting submissions, editing and formatting anthology content, and organizing an awards ceremony for contributors and contest winners.

MSCM19B - Journal of Arts and Writing B

- In Mass Communications 19B, Literary Magazine B, student will work with others to, create a literary anthology, following a timeline for production, creating submission guidelines, soliciting submissions, assessing and selecting submissions, editing and formatting anthology content, and organizing an awards ceremony for contributors and contest winners. At the B level of this course, increased proficiency is expected.

MSCM31 - Introduction to Media

- In Mass Communications 31, Introduction to Media, 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.
- In Mass Communications 31, Introduction to Media, the student will be able to critically analyze the negative and positive impacts of technology on society.

MSCM32A - Intro to Radio Production

- Upon completion of MSCM 32A, students will be able to identify and analyze the role of media in society through research projects.
- In Mass Communications 32A, Introduction to Radio Production, the student will participate in the creation of student media, following a timeline for production, editing and formatting content, and publishing and distributing.
- In Mass Communications 32A, Introduction to Radio Production, the student will properly develop and create ad-space using new media to broaden webpage visibility and productivity for online broadcasting markets.
- Upon completion of MSCM 32A, students will be able to apply recording and editing techniques in order to produce a variety of audio files for radio.
- Upon completion of MSCM 32A, students will be able to apply time management skills in order to comply with a radio production schedule.
- Upon completion of MSCM 32A, students will be able to produce radio shows using multi-platform sources in order to deliver media to an audience.
- Upon completion of MSCM32A receive training in all-digital environment, using multi-platform sources to deliver media productions in high definition.
- Upon completion of MSCM32A students will contribute to the production of college media, by covering college sports and campus events.
- Upon completion of MSCM32A students will learn the different aspects of the role of the media in society, through research projects.
- Upon completion of MSCM32A students will produce a variety of audio files for radio, including a sound drop, promos, and intros or billboards.
- Upon completion of MSCM32A students will produce interviews on radio.
- Upon completion of MSCM32A students will work in teams in the production of live events.

MSCM32B - INTERMEDIATE RADIO PRODUCTION

- Upon completion of MSCM 32B, students will be able to apply advanced recording and editing techniques in order to produce a variety of audio files for radio.
- Upon completion of MSCM 32B, students will be able to apply leadership strategies in order to coordinate a team in the production of live events.
- Upon completion of MSCM 32B, students will be able to apply time management skills in order to comply with a radio production schedule.
- Upon completion of MSCM 32B, students will be able to apply marketing strategies in order to establish relationships with sponsors and listeners.

MSCM32C - Advanced Radio Production

- Upon completion of Mass Communications 32C, students will be able to develop web designs and social media campaigns to produce and promote live events and new releases.
- Upon completion of Mass Communications 32C, students will be able to lead production teams and mentor new students in producing live newsmagazine interview shows, producing pre-recorded news shows, managing station operations, and programming ads, PSAs, and new episodes.
- Upon completion of Mass Communications 32C, students will be able to plan and execute all elements of at least one campus-wide live event produced by Radio Las Positas, including giving direction to others on the team and mentoring new students.
- Upon completion of Mass Communications 32C, students will be able to produce digital radio with emphasis in public relations, social networks, and the use of video in radio production.

MSCM34A - College Magazine A

- In Mass Communications 34A, Magazine Editing and Production, the student will contribute to the student magazine, Naked, with an increasing degree of proficiency, demonstrating professionalism, functional skills, teamwork, commitment to the organization, and completion of assigned stories and visuals in proper magazine style.

MSCM35 - MULTIMEDIA REPORTING

- In Mass Communications 35, Multimedia Reporting, the student will be able to produce video that presents local news in a professional manner.

MSCM72 - Intro. to Photojournalism

- In Mass Communications 72, Beginning Photojournalism, the student will demonstrate typology as a method of photographic documentation.

Music**CSLO****MUS1 - Introduction to Music**

- Analyze particular musical works with regard to style and technical elements.

MUS3 - World Music

- Upon completion of MUS 3, students will demonstrate basic knowledge of music from around the world through written assignments and exams.

MUS4 - Jazz in American Culture

- Analyze particular musical works with regard to style, technical elements.
- Through informed listening and reading, students should be able to apply critical thinking and writing to distinguish the different styles of jazz and its most important pioneers and innovators.
- Through reading and class discussions, students will be able to compare the parallel political and social climate that has affected jazz's evolution.

MUS5 - American Cultures in Music

- Upon completion of MUS 5, students will be able to analyze and interpret particular musical works with regard to style and technical elements.
- Upon completion of MUS 5, students will be able to distinguish and debate the contributions of the various cultures that make up America's popular music and its people.
- Upon completion of MUS 5, students will be able to synthesize factual information and historical evidence through informed listening, analysis, form, and repertoire.

MUS6 - Basic Music Skills

- At the end of his course, the student should be able to construct major/minor scales and demonstrate a basic comprehension of key relationships.
- Upon completion of MUS 6, students will be able to develop a comprehension of typical music notation through harmonic and formal analysis of the literature.

MUS8A - Harmony and Musicianship I

- Upon successful completion of the course, students will be able to hear music with understanding, recognizing patterns, and musical function. To demonstrate this ability, students should be able to aurally identify all intervals - ascending, descending, and harmonic.

MUS8B - Harmony & Musicianship II

- By the end of the semester, the student will be able to construct three different original compositions using three different forms (A asim, AB, ABC) in four measure phrases.
- Upon completion of MUS 8B, students will be able to write progressions using four-part diatonic harmony.

MUS10A - Chromatic Harmony/Musicianship

- Upon completion of MUS 10A, students will be able to analyze harmonic, melodic, and formal elements of chromatic music using a variety of techniques and approaches.
- Upon completion of MUS 10A, students will utilize their knowledge of music theory to compose a variety of short pieces.

MUS10B - Post Romantic/20th Cen Harmony

- Through ear training exercises such as harmonic dictation, melodic dictation, rhythmic dictation, and sight-singing, students will increase their musicianship acuity.
- Upon completion of MUS 10B, students will be able to demonstrate an advanced understanding of how music is constructed and performed in 20th and 21st Century Styles.
- Upon completion of MUS 10B, students will be able to demonstrate their musicianship abilities to perform harmonic dictation, melodic dictation, rhythmic dictation, and sight-singing.

MUS12 - WIND ENSEMBLE

- At the end of the semester the students will demonstrate the ability to play on pitch in a section and ensemble as directed by a conductor.
- Demonstrate an adherence to recognized standards of professionalism in a rehearsal setting
- Students will employ group participation, personal growth, and public performance to formulate an individual identity in a musical ensemble.

MUS13 - History of Rock and Roll

- Upon completion of MUS 13, the student will be able to articulate the influence of modern technology on musical instruments and recording techniques.
- Upon completion of MUS 13, the student will be able to synthesize factual information and historical evidence through informed listening, analysis, evaluation and discernment of musical elements, forms and repertoire.
- Upon completion of MUS 13, the students should be able to differentiate between various styles of rock and popular music.

MUS14 - Jazz Ensemble

- By the end of the semester, the students will demonstrate the ability to play on pitch in a section and ensemble as directed by a conductor.
- Demonstrate an adherence to recognize standards of professionalism in a rehearsal setting.
- Perform stylistically appropriately to the period/style of the composition.

MUS15 - Jazz Ensemble

- At the end of the semester, the students will demonstrate the ability to play on pitch in a section and ensemble as directed by a conductor
- Demonstrate an adherence to recognize standards of professionalism in a rehearsal setting.
- Perform stylistically appropriately to the period/style of the composition.

MUS16 - Philharmonic Orchestra

- At the end of the semester the students will demonstrate the ability to play on pitch in a section and ensemble as directed by a conductor.
- Perform stylistically appropriately to the period/style of the composition.
- Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.

MUS17A - Jazz Combo 1

- Students will develop mastery of improvisation based on study of jazz masters
- Upon completion of MUS 17A, students will be able to perform jazz repertoire at an introductory level.

MUS17B - Jazz Combo 2

- Upon completion of MUS 17B, students will be able to analyze, interpret, and perform intermediate and advanced jazz repertoire in a combo setting.
- Upon completion of MUS 17B, students will demonstrate intermediate/advanced knowledge of jazz repertoire through performance and practice.
- Upon completion of MUS 17B, the student should apply knowledge of jazz practices to their unique improvisations.
- Upon completion of MUS 17B, the student should develop a mastery of improvisation through study, transcription, and trial and error.

MUS18A - Jazz/Pop Piano 1

- Upon completion of MUS 18A, students will be able to apply jazz/pop voicings and stylistic approaches to jazz/pop repertoire.
- Upon completion of MUS 18A, students will be able to interpret and perform basic lead-sheets.

MUS18B - Jazz/Pop Piano 2

- Upon completion of MUS 18B, students will be able to apply intermediate jazz/pop voicings and stylistic approaches to jazz/pop repertoire.
- Upon completion of MUS 18B, students will be able to demonstrate the ability to interpret and perform intermediate lead-sheets.

MUS19 - Studies in Music Composition

- Upon completion of MUS 19, students will be able to compose music for a variety of ensembles using standard practice techniques.
- Upon completion of MUS 19, students will be able to create professional scores and parts using standard music notation software.

MUS20A - Elementary Guitar

- Upon completion of MUS20A, students will be able to perform basic melodies, chords, and rhythms on the guitar.

MUS20B - Study of Guitar

- Upon completion of MUS20B, students will be able to perform intermediate melodies, chords, and rhythms on the guitar.

MUS20C - Advanced Guitar

- Upon completion of MUS20C, students will be able to perform advanced melodies, rhythms, and chords on the guitar.

MUS21A - Beginning Piano

- Upon completion of MUS 21A, students will be able to demonstrate basic piano technique using proper hand position, posture, and fingering.
- Upon completion of MUS 21A, students will be able to practice course material effectively on their own.
- Upon completion of MUS 21A, students will be able to practice, perform, and memorize scales, chords, and simple harmonic progressions.

MUS21B - Beginning Piano: Intermediate

- Upon completion of MUS 21B, students will be able to apply intermediate music theory when performing scales, chords, and progressions.
- Upon completion of MUS 21B, students will be able to employ intermediate piano technique and incorporate it into daily practice.
- Upon completion of MUS 21B, students will be able to practice, master, and memorize intermediate repertoire in a variety of styles while displaying accurate rhythm, fingering, and expression.

MUS23A - Elementary Voice I

- Demonstrate an acute awareness of diction in many languages and its effect on the jaw, teeth, tongue, and lips.
- Demonstrate knowledge of the basic anatomy and physiology involved in tone production and of the respiratory system and its contribution to singing.
- The student will present a polished performance of two songs. These songs must be memorized and demonstrate an improvement in vocal technique (clarity of tone, resonance and breath support) as proscribed by the instructor.

MUS23B - Elementary Voice II

- Demonstrate knowledge of the basic anatomy and physiology involved in tone production and of the respiratory system and its contribution to singing.
- The student will present a polished performance of two songs. These songs must be memorized and demonstrate an improvement in vocal technique (clarity of tone, resonance and breath support) as proscribed by the instructor.

MUS25 - Teaching Beginning Piano

- Upon completion of MUS 25, students will be able to evaluate a variety of methods for teaching beginners.
- Upon completion of MUS 25, students will be able to prepare, execute, and evaluate a comprehensive piano lesson for the beginning piano student.

MUS26 - Methods/Materials/Piano Tchrs

- Upon completion of MUS 26, students should be able to evaluate advantages and disadvantages of method books in order to choose effective curriculum for a variety of students.
- Upon completion of MUS 26, students should be able to prepare, execute, and evaluate a comprehensive piano lesson for the intermediate piano student.
- Upon completion of MUS 26, students will be able to demonstrate the ability to select appropriate piano method books for a variety of piano students.
- Upon completion of MUS 26, the student should be able to evaluate a variety of method books and business practices for piano students.

MUS27 - Teaching Intermediate Piano

- Students who successfully complete Music 27 should be able to present intermediate pieces to their students by explaining the form, compositional technique, style and mood of the piece, as well as the intent of the composer.
- Upon completion of MUS 27, the student should be able to evaluate a variety of methods for teaching intermediate pianists.

MUS28 - Keyboard Skills

- Upon completion of MUS 28, students will be able to apply theory and technique to a variety of piano repertoire.
- Upon completion of MUS 28, the student should be able to perform all triads, and major and minor scales in all keys with appropriate technique.

MUS31 - Study of Piano

- Students will develop an understanding of intermediate to advanced music theory and be able to apply it to their piano playing through scales, chords, and simple progressions.
- Students will illustrate a mastery of course knowledge through in-class performance.
- Students will learn and employ advanced piano technique and incorporate it into daily practice.
- Students will select, practice, master, and memorize intermediate to advanced repertoire in a variety of styles with an understanding of correct rhythm, fingering, and expression.

MUS33 - Study of Voice

- Demonstrate knowledge of the basic anatomy and physiology involved in tone production and of the respiratory system and its contribution to singing.

MUS35 - Intro to Music Technology

- Upon completion of MUS 35, students will be able to explain and demonstrate basic principles of sound and acoustics.
- Upon completion of MUS 35, students will understand and be able to demonstrate basic techniques in using a Digital Audio Workstation with MIDI capability.
- Upon completion of MUS 35, the student should be able to understand and demonstrate general music technology concepts, equipment, software, and industry practices.

MUS36 - Intermediate Music Technology

- Upon completion of MUS 36, students will be able to explain and demonstrate advanced principles of sound and acoustics.

MUS37 - Music Industry Career Dev.

- Upon completion of MUS 37, students will be able to distinguish and analyze a variety of music industry career pathways.
- Upon completion of MUS 37, students will be have the ability to market and promote musical events, ensembles, and companies.
- Upon completion of MUS 37, students will conduct and present research on trends and strategies within the music industry.

MUS38 - Applied Lessons

- The student took the required number of lessons, did the required practice and fulfilled the performance requirements. The performance was well prepared (good or excellent technique, correct notes and rhythms, style and tempo appropriate to the piece), and literature was at an appropriate level for the student. If this is a repeat of the course, improvement would be noted from previous semesters.

MUS44 - Concert Choir

- Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.

MUS45 - Chamber Choir

- At the end of the semester the students will demonstrate the ability to sing on pitch in a section and ensemble as directed by a conductor.
- Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.

MUS46A - Beginning Jazz Choir

- At the end of the semester the students will demonstrate the ability to sing on pitch in a section and ensemble as directed by a conductor.
- Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.

MUS46B - Advanced Jazz Choir

- At the end of the semester the students will demonstrate the ability to sing on pitch in a section and ensemble as directed by a conductor.
- Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.

MUS47 - College Productions-Music

- By the opening of the musical production, the students will demonstrate the ability to play or sing on pitch in a section and ensemble as directed by a conductor.
- By the opening of the musical theater production, the students will show by their performance in the production, their group participation and individual work to make the show a success.
- Students will demonstrate an adherence to recognized standards of professionalism in a rehearsal setting.

Philosophy

CSLO

PHIL1 - 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.
- Upon completion of PHIL 1, the student should be able to use philosophical methods to explain, apply and evaluate philosophical positions of their own and of significant historical figures.

PHIL2 - Ethics

- Upon completion of PHIL 2, the student should be able to apply diverse abstract ethical theories to evaluate contemporary moral challenges.
- Upon completion of PHIL 2, 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.

PHIL3 - Aesthetics

- Upon completion of PHIL 3, the student should be able to apply philosophical methods of artistic analysis to specific works of art.
- Upon completion of PHIL 3, 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

PHIL4 - Intro to Philosophy: Knowledge

- Upon completion of PHIL 4, 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.
- Upon completion of PHIL 4, the student should be able to use philosophical methods to explain, apply, and evaluate specific epistemic theories.

PHIL5 - Feminist Philosophy

- Upon completion of PHIL 5, the student should be able to participate and express opinions in a group and whole-class setting in a way that is respectful and well thought-through.
- Upon completion of PHIL 5, the student should be able to use philosophical methods to explain, apply, and evaluate specific feminist theories.

PHIL6 - INTRODUCTION TO LOGIC

- Upon completion of PHIL 6, the student should be able to apply the basic principles of causal and probabilistic reasoning.
- Upon completion of PHIL 6, the student should be able to identify, describe and evaluate the informal logical fallacies.
- Upon completion of PHIL 6, the student should be able to use natural deduction to evaluate the validity of arguments in propositional logic.

Photography**CSLO****PHTO50 - Introduction to Photography**

- Demonstrate the three basic elements of photography awareness (framing, lighting, background) while shooting a single subject (i.e. person, bike, tree) from a variety of angles, formats (vertical, horizontal) and approaches (long, medium, close shot).

PHTO51A - INDIVIDUAL PROJECTS

- Produce a portfolio of photographic prints demonstrating proficiency with film-based darkroom or digital, computer-based equipment.

PHTO56 - INTRO TO DIGITAL PHOTOGRAPHY

- Demonstrate the effective use of techniques used to control and enhance a given captured digital image, i.e. levels, contrast, hue/saturation.

PHTO57 - INTERMEDIATE DIGITAL PHOTO

- Create a printed hard-copy portfolio of class assignments.
- Create an online portfolio of photographic images from class assignments.

PHTO58 - Introduction to Videography

- Successfully use an industry-standard digital video editing program to produce completed video projects combining video, sound, and titles.

PHTO60 - Intermed. Black & White Photo

- Demonstrate visual skills of black and white photography including composition and black and white aesthetics, and provide evidence of these skills in a portfolio of student work.

PHTO64A - Artificial Light Photography

- Produce portraits using various poses, light patterns and light ratios.

PHTO67 - HISTORY OF PHOTOGRAPHY

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

PHTO69 - INTERMEDIATE VIDEOGRAPHY

- Successfully utilize field-recording equipment, such as off-camera microphones and audio mixers to improve sound quality of footage.

PHTO72 - Intro. to Photojournalism

- Demonstrate typology as a method of photographic documentation

Religious Studies**CSLO****RELS1 - Religions of the World**

- Upon completion of this course students will be able to compare and contrast the teaching of major religious figures.

- Upon completion of this course students will be able to identify the core beliefs of each major world religion.

RELS2 - Bible: History and Literature

- The student will be able to apply historical, critical and literary methods to the study of the Hebrew Bible and New Testament.

RELS3 - INTRO TO WOMENS SPIRITUALITY

- Upon completion of the course students will be able to analyze and discuss religious symbolism in the spiritual writings of women across cultures
- Upon completion of the course students will be able to articulate the various ways in which women have expressed and enacted their spiritual experiences, insights, and understandings
- Upon completion of the course students will be able to compare and contrast the spiritual values of women across multi-cultural and multireligious perspectives
- Upon completion of the course students will be able to demonstrate a sensitivity to the ways in which gender issues shape women's spirituality

RELS11 - The Nature of Islam

- effectively map the historical elements of Islam to practices and beliefs of contemporary Muslim communities

Spanish

CSLO

SPAN1A - Beginning Spanish

- By the end of the semester students will write a 6-8 sentence present indicative paragraph.
- By the mid- semester students will write a 5-7 sentence present indicative paragraph.
- Upon completion of SPAN 1A, the student will be able to communicate in writing in real-life situations using first semester concepts.
- Upon completion of SPAN 1A, the student will be able to communicate orally in real-life situations using first semester concepts in an oral interview.

SPAN1B - Elementary Spanish

- By mid-semester students will be able to write a 10-12 sentence paragraph in preterito.

SPAN2A - Intermediate Spanish

- By the end of the semester students will successfully research and compose a four-paragraph essay.

SPAN2B - Advanced Spanish

- By the end of the semester students will successfully research and present an 8-10 minute oral report.
- Students will successfully research and compose a six-paragraph essay in Spanish.

SPAN21 - Spanish Speakers I

- Upon successful completion of SPAN 21, students will be able to write a composition of at least 500 words demonstrating an expanded vocabulary, using advanced grammatical structures, and appropriate register.

SPAN22 - Spanish Speakers II

- Upon successful completion of SPAN 22, students will be able to write a composition of at least 650 words demonstrating the correct use orthography, cohesion between sentences and paragraphs, advanced grammatical structures, and appropriate register.

Theater Arts

CSLO

THEA1A - Theory/Practice of Acting I

- Participate with creativity and confidence in group theater exercises and improvisations
- Perform a scripted scene with a partner before a live audience
- Perform a short monologue at an audition
- Speak and write constructive criticism of acting by other students
- Write a character and play analysis based on reading of the play from which an acting scene has been taken
- Write a critique of a live theatrical performance.

THEA1B - Theory/Practice of Acting II

- Upon completion of THEA 1B the student should be able to demonstrate the techniques learned in the classroom through the completion of written scoring and scene breakdowns
- Upon completion of THEA 1B the student should be able to demonstrate the various rehearsal techniques necessary to perform classical theater (pre-1850)
- Upon completion of THEA 1B the student should be able to perform an extended scene with a partner before a live audience
- Upon completion of THEA 1B the student should be able to perform with specificity the characterization required of a character from a genre other than realism
- Upon completion of THEA 1B the student should be able to speak and write constructive criticism of acting by other students.

THEA3A - Beginning Improvisation

- Upon completion of THEA 3A student should be able to apply the rules of improvisation to in-class performances.
- Upon completion of THEA 3A students should be able to define vocabulary terms used in Improvisation.
- Upon completion of THEA 3A students should be able to demonstrate creative and supportive ensemble participation.

THEA3B - Intermediate Improvisation

- Upon completion of THEA 3B students should be able to critique a live improvisation and identify the use of accepted rules of engagement.
- Upon completion of THEA 3B students should be able to demonstrate the ability to act appropriately and spontaneously to a variety of audio, visual, or written materials without prior rehearsal.
- Upon completion of THEA 3B students should be able to synthesize the ideas of others within an improvisation.

THEA4 - American Cultures in Theater

- Upon completing THEA 4 students should be able to identify and analyze a work of American Theater, arguing its relevance in the American canon.
- Upon completing THEA 4, the student should be able to discuss ethnic-theater related issues.
- Upon completing THEA 4, the student should be able to trace the history of a specific ethnic group and articulate their representation in the canon of American Theater.

THEA5 - Theater for Young Audiences

- Upon completion of THEA 5, students should be able to apply various skills to create a children's show, in areas such as performance, costumes, props, audio effects, set building, stage managing, or public relations.
- Upon completion of THEA 5, students should be able to articulate the history of children's theater and its role in society, both in terms performance and written work.
- Upon completion of THEA 5, students should be able to evaluate and analyze a script for rehearsal and performance.
- Upon completion of THEA 5, students should be able to perform a scene utilizing specific techniques of acting and stagecraft that are unique to theater for young audiences.

THEA10 - Introduction to Dramatic Arts

- Analyze and evaluate the nature of theatre and its role in society.
- Appreciate viewing theatre as an art form. Articulate a personal response to a live theater performance using proper theater terminology and concepts.
- Critically analyze dramatic literature
- Serve as a member of a creative design process, simulating the complexities of creating live performance

THEA11 - Stage To Film

- Upon completion of THEA 11 the student should be able to analyze motion pictures utilizing proper film vocabulary
- Upon completion of THEA 11, the student should be able to compare and contrast stage scripts and film adaptations.
- Upon completion of THEA 11, the student should be able to discuss the purposes of dramatic art (film and theatrical).
- Upon completion of THEA 11, the student will be able to identify important movements and developments in theater and film history.

THEA12 - Film As Art & Communication

- Upon completion of THEA 12 the student should be able to appraise films and filmmakers in terms of style, genres, narrative, and mise-en-scene
- Upon completion of THEA 12 the student should be able to compare and contrast a film's relationship with other art forms and media.
- Upon completion of THEA 12 the student should be able to compose a well-organized critical essay evaluating specific films and filmmakers.
- Upon completion of THEA 12, students will be able to evaluate a film based on historical, biographical, political, or cultural context.

THEA14 - Bay Area Theatre

- Students will be able to appreciate viewing theatre as an art form. Articulate a personal response to a live theater performance using proper theater terminology and concepts.
- Students will be able to articulate orally and through writing their personal response to a live theater performance using proper theater terminology and concepts
- Students will demonstrate an ability to interpret and devise production and performance options for genre, style, visuals, and sound, for a given text.
- Students will identify and view live theatre events in the greater Bay Area.

THEA25 - Fundamentals of Stage Speech

- Apply basic skills and methods of dialect preparation for performing a role on stage
- Apply elements of the International Phonetic Alphabet as a personal standard in dialect analysis.
- Evaluate and analyze a script for cultural and dialect research as if for performance (such as researching geography, educational background, etc. within the script)
- Speak effectively in several American and international accents

THEA31A - Drama Workshop- Beginning

- Create and dramatize the behavioral life of a character in rehearsal and performance using basic acting skills
- Demonstrate a responsible work ethic within a professional framework of collaboration with directors and fellow actors in rehearsal and performance
- Evaluate and analyze a script for rehearsal and performance
- Students will demonstrate their understanding of basic acting techniques as well as the collaborative play production process.
- Use basic production elements such as props, costumes, and sets to create the world of a play

THEA31B - Drama Workshop- Intermediate

- Evaluate and analyze a script for rehearsal and performance
- Assist in the design of basic production elements such as props, costumes, and sets to create the world of a play
- Create and dramatize the behavioral life of a character in rehearsal and performance using intermediate acting skills
- Demonstrate a responsible work ethic within a professional framework of collaboration with directors and fellow actors in rehearsal and performance

THEA31C - Drama Workshop- Advanced

- Assist in the design of basic production elements such as props, costumes, and sets to create the world of a play
- Create and dramatize the behavioral life of a character in rehearsal and performance using advanced acting skills
- Demonstrate a responsible work ethic within a professional framework of collaboration with directors and fellow actors in rehearsal and performance
- Evaluate and analyze a script for rehearsal and performance

THEA31D - Drama Workshop- Directing

- Evaluate and analyze a script for rehearsal and performance using basic principles of directing.
- Interpret the behavioral life of characters in rehearsal and performance using basic directing skills.
- Create the staging of a play using basic principles of blocking.
- Demonstrate a responsible work ethic within a professional framework of collaboration with student actors and fellow directors in rehearsal and performance.
- Design production elements such as props, costumes, and sets to create the world of a play.
- Student will demonstrate their understanding of direction and the collaborative play production process through the presentation of a directed scene, one-minute play and/or one-act play.

THEA39A - Musical Theater Workshop-Begin

- Synthesize basic acting, movement and singing skills to create a truthful song performance.
- Create a professional portfolio for auditioning with sheet music
- Demonstrate a responsible work ethic within a professional framework of collaboration in rehearsal and performance
- Examine major genres and contributors of the American Musical Theater
- Prepare, rehearse and perform a duet scene/song from a musical

- Research and analyze the character, scene, song and show of a performed musical theater solo.

THEA39B - Musical Theater Workshop-Inter

- Upon completion of THEA 39B students will be able to create a professional portfolio for auditioning with sheet music, resume and headshot/photo.
- Upon completion of THEA 39B students will be able to demonstrate a responsible work ethic within a professional framework of collaboration in rehearsal and performance.
- Upon completion of THEA 39B students will be able to examine major genres and contributors of the American Musical Theater.
- Upon completion of THEA 39B students will be able to synthesize intermediate acting, movement and singing skills to create a truthful song performance.

THEA39C - Musical Theater Workshop-Advan

- Upon completion of THEA 39C students will be able to create a professional portfolio for auditioning with sheet music, resume and headshot/photo.
- Upon completion of THEA 39C students will be able to demonstrate a responsible work ethic within a professional framework of collaboration in rehearsal and performance.
- Upon completion of THEA 39C students will be able to examine major genres and contributors of the American Musical Theater.
- Upon completion of THEA 39C students will be able to synthesize advanced acting, movement and singing skills to create a truthful song performance.

THEA41 - Passport to Theater

- Rehearse and perform a characterization that is believable, accurate, consistent and energized in a play or musical.

THEA41B - ADVANCED PASSPORT TO THEATER

- Rehearse and perform a characterization that is believable, accurate, consistent and energized in a play or musical.

THEA47A - Perform in Prod: Intro Live

- Rehearse and perform a characterization that is believable, accurate, consistent and energized in a play or musical.
- Apply physical and vocal techniques in rehearsal and performance.
- Commit to the believably and emotional truth of a character in a play or musical.
- Demonstrate an ability to work constructively with fellow actors and with staff in a theatrical production.
- Identify and explain the responsibilities of an actor in a play or musical.
- Research, describe and evaluate the historical and literary elements of a play or musical.
- Score an acting scene, describing beats of action, objectives, obstacles and tactics, and emotional shifts.

THEA47B - Performance in Prod: Beginning

- Upon completion of THEA 47B the student should be able to analyze the text and given character to create a live performance
- Upon completion of THEA 47B students should be able to determine the appropriate theatrical style and conventions for character development (farce, realism, Brecht, post-modern presentationalism, etc.)
- Upon completion of THEA 47B students should be able to develop an understanding of the role of the character within the context of the play, identifying relationships and specific actions and character choices unique to the examination and portrayal of those relationships.
- Upon completion of THEA 47B students should be able to use two rehearsal techniques for creating character and making acting choices (Adler, Stanislavski, Hagen, Meisner, improvisation, Epic, etc.)

THEA47C - Performance in Prod: Intermed.

- Upon completion of THEA 47C students should be able to analyze the play to serve as support for fellow cast members.
- Upon completion of THEA 47C students should be able to build collaboration and trust with ensemble members by serving as a positive and professional example during note giving and creative staff interactions.
- Upon completion of THEA 47C students should be able to develop a personalized, systematic, approach for memorization.
- Upon completion of THEA 47C students should be able to make complex, creative, and bold acting choices during the rehearsal process as a means of creative exploration.
- Upon completion of THEA 47C students should be able to research, practice, and prepare a series of personal physical and vocal warm-ups, to be completed at each rehearsal and performance.

THEA47D - Performance in Prod: Advanced

- Upon completion of THEA 47D students should be able to create a small outreach event to bring theater to local organizations, schools, and community centers.
- Upon completion of THEA 47D students should be able to demonstrate professionalism in community outreach events and public publicity endeavors to advertise the program and production to local community.

- Upon completion of THEA 47D students should be able to demonstrate skills necessary to create a leading role character, and perform this role in a live theatre event.
- Upon completion of THEA 47D students should be able to develop and create a physical and vocal expression of a character.
- Upon completion of THEA 47D students should be able to integrate production elements from director, choreographer, and musical director feedback.
- Upon completion of THEA 47D students should be able to lead other cast members in exercises and warm-ups valuable to the rehearsal process.
- Upon completion of THEA 47D students should be able to work at an accelerated pace to create character and perfect memorization.

THEA48A - Tech Theater in Prod-Beginning

- Upon completion of THEA 48A, a student should be able to demonstrate an ability to work collaboratively with designers, technicians, and other theatre personnel.
- Upon completion of THEA 48A, a student should be able to recognize and use backstage and shop terminology, tools, materials and techniques.
- Upon completion of THEA 48A, a student should be able to serve as a member of the running crew of a play or musical.

THEA48B - Tech Theater in Prod:Intermed.

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

THEA48C - Tech Theater Production-Adv.

- Upon completion of THEA 48C, students 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.
- Upon completion of THEA 48C, students should be able to work as a designer or assistant designer at a beginning or intermediate level.
- Upon completion of THEA 48C, students should be able to work collaboratively with designers, technicians, and other theatre personnel.

THEA48D - Tech.Theater- Prod. Management

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

THEA50 - Stagecraft

- Upon completion of THEA 50, students should be able to analyze technical theatre production problems; evaluate alternatives and recommend solutions.
- Upon completion of THEA 50, students should be able to recognize and use at a fundamental level terminology, tools, materials, and processes and techniques, typically found in a theatrical environment.
- Upon completion of THEA 50, students should be able to recognize theatrical crew organization, and perform basic tasks typically associated with lighting, sound, scenic, or costume crews.
- Upon completion of THEA 50, students should be able to work collaboratively with designers, technicians, and other theatre personnel.

THEA50L - Introduction to Stage Lighting

- Upon completion of THEA 50L, students should be able to analyze a script and design a light plot for an assigned production.
- Upon completion of THEA 50L, students should be able to evaluate the effective use of lighting in a production.
- Upon completion of THEA 50L, students should be able to hang and focus a light plot for an assigned production or repertory plot.
- Upon completion of THEA 50L, students should be able to produce all technical and creative paperwork for a lighting plot for an assigned production or repertory plot.
- Upon completion of THEA 50L, students should be able to recognize and use lighting control and lighting terminology, tools, materials and techniques.

THEA51 - Introduction to Costume Design

- Analyze a play script to create a design concept
- Evaluate the effective use of costume in production
- Use historical research methods in creating a costume design
- Utilize costume construction methods to execute a costume

THEA52 - Introduction to Design

- Upon completion of THEA 52, students should be able to analyze a script and create a scenic, lighting, sound, or costume design for an assigned production.
- Upon completion of THEA 52, students should be able to evaluate the effectiveness of a scenic, lighting, sound, or costume design in a given production at a fundamental level.
- Upon completion of THEA 52, students should be able to produce fundamental technical and creative paperwork for a scenic, lighting, costume, or sound design for an assigned production.
- Upon completion of THEA 52, students should be able to recognize and use theatrical design terminology, tools, materials and techniques.

THEA57A - Performance in Production-Intr

- 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.
- Upon completion of THEA 57A, students should be able to evaluate and analyze a libretto and vocal score for rehearsal and musical performance.
- Upon completion of THEA 57A, students should be able to use characterization, singing technique and/or dance.

THEA57B - Performance in Prod. Beginning

- Upon completion of THEA 57B, students should be able to complete a thorough and written character analysis, completed with imagined and specified historical background of the character.
- Upon completion of THEA 57B, students should be able to use at least two rehearsal techniques for creating character and making acting choices.
- Upon completion of THEA 57B, students should be able to write a character analysis in preparation for live performance

THEA57C - Performance in Prod.- Intermed

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

THEA57D - Performance in Prod.-Advanced

- Upon completion of THEA 57D, students should be able to create and develop a vocal expression of a character.
- Upon completion of THEA 57D, students should be able to demonstrate in performance the skills necessary to create a leading role character and perform this role in a live theater event.
- Upon completion of THEA 57D, students should be able to express a professional work ethic through collaboration, respect, and a positive attitude.
- Upon completion of THEA 57D, students should be able to integrate performance notes from the director, choreographer, and musical director at an accelerated pace.
- Upon completion of THEA 57D, students should be able to memorize libretto at an accelerated deadline.

BHAWK**Business****CSLO****BUSN1A - Financial Accounting**

- 1. Identify and name different components of a balance sheet. 2. Identify and name different components of an income statement. 3. Calculate and analyze current ratio, debt ratio and gross profit ratio.
- Upon successful completion of BUSN 1A, students will be able to identify and categorize the financial statement elements associated with the balance sheet and income statement.

BUSN1B - Managerial Accounting

- Upon successful completion of BUSN 1B, students will be able to analyze and calculate the impact of changes in business income using cost volume profit analysis and construct contribution margin statements.
- Upon successful completion of BUSN 1B, students will be able to identify and categorize different cost classifications for fixed, variable, and mixed costs.
- Upon successful completion of BUSN 1B, students will be able to prepare operating and financial budgets and analyze variances.

BUSN18 - Business Law

- Compare and contrast alternative legal theories as they apply to a particular fact situation.
- Critique legal decisions made by the courts.
- Formulate legal conclusions based on sound legal reasoning.
- Successful completion of this course will enable students to evaluate issues that may have legal significance in the business environment.

BUSN20 - International Business

- Analyze investment opportunities in foreign markets.
- Compare and contrast the financial implications of international trade.
- Describe procedures and documentation necessary to import a product from a foreign country.
- Evaluate the dynamics behind multinational enterprises.

BUSN30 - Business Ethics and Society

- Examine potential conflicts of interest within an organization which raise ethical considerations.
- Recognize the process for resolving an ethical dilemma.
- Successful completion of this course will enable students to analyze the role of American businesses in influencing ethical behavior and social responsibility in global markets.

BUSN33 - Personal Financial Management

- Upon successful completion of BUSN 33, students will be able to compare the common types of consumer credits including credit cards and installment loans.
- Upon successful completion of BUSN 33, students will be able to develop a comprehensive personal financial plan.
- Upon successful completion of BUSN 33, students will be able to explain fundamental economic considerations that affect decision-making in personal finance.
- Upon successful completion of BUSN 33, students will be able to identify and categorize the financial statement elements associated with the balance sheet and income statement.

BUSN40 - Introduction to Business

- Assess 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 functions areas of management, marketing, finance, human resources and production.
- Successful completion of this course will enable students to analyze the role of business in a market economy.

BUSN43 - Professional Communications

- Analyze conflict resolution skills.
- Compare and contrast information, persuasive, and entertaining styles of presentations.
- Identify the appropriate communication format for specific purposes.
- List and assess the theories of teams and collaboration in the work environment.

BUSN48 - Human Relations in Org.

- Analyze the primary leadership styles.
- Compare and contrast the concepts of work, worth and leisure in the United States.
- Describe the characteristics of change.
- Evaluate organizational strategies of motivation.

BUSN51 - General Accounting

- Upon successful completion of this course, i) Accurately record business transactions using journal entries, ii) Prepare a basic Income Statement and Balance Sheet for a merchandising company.

BUSN51 - General Accounting I

- Upon successful completion of this course, i) Accurately record business transactions using journal entries, ii) Prepare a basic Income Statement and Balance Sheet for a merchandising company

BUSN52 - Business Communications

- Analyze obstacles to cross-cultural communication.
- Compare and contrast the organizational theories of communication.
- Describe the basics factors of non-verbal communication.
- Evaluate barriers that prevent the transfer of meaning.
- Evaluate communication problems and formulate appropriate solutions.
- Successful completion of this course will enable students to organize and assess grammatically correct business letters, memoranda, e-mail, instant messages, resumes, and letters of application.
- Recognize grammatically correct correspondence, both incoming and outgoing.

BUSN53 - Business Correspondence

- Evaluate communication problems and formulate appropriate solutions.
- Recognize grammatically correct correspondence, both incoming and outgoing.
- Successful completion of this course will enable students to organize and assess grammatically correct business letters, memoranda, e-mail, instant messages, resumes, and letters of application.

BUSN55 - Business Mathematics

- Upon successful completion of this course, students will be able to: 1. Use percentages to calculate period over period increase or decrease in a given set of data. 2. Identify and interpret trends over a period using percentage increase or decrease.

BUSN56 - Introduction to Management

- Analyze the control function of management.
- Compare and contrast the primary managerial functions.
- Describe the primary state laws that govern managerial decisions.
- Identify the roles managers play in organizations.

BUSN58 - Small Business Management

- Analyze the financial requirements for starting a business.
- Compare and contrast the legal formation options for small businesses.
- Discuss a marketing strategy for a small business launch.
- List the advantages and disadvantages of small business ownership.

BUSN61 - Quickbooks Accounting

- Upon successful completion of this course, students will be able to: 1) Complete end-of-period accounting procedures 2) Record depreciation and enter the adjusting entries required for accrual-basis accounting 3) Record owner's equity transactions 4) Correctly reconcile the bank statement

BUSN65 - Federal Income Tax Accounting

- Upon successful completion of this course, students will be able to: 1) Explain and use the expanded income tax formula to determine a tax liability or refund. 2) Identify and explain the general dependency tests as well as the tests for a dependent child and dependent relative. 3) Describe the differences between an average and marginal tax rate.

BUSN77 - FIN.&INS. PROCDRS. FOR MED OFC

- Students will articulate key differences between health care financial systems and those of other types of business organizations.
- Students will be able to analyze a health care financial problem and make appropriate calculations to solve the problem permanently.
- Students will be able to differentiate between a third party payer systems from a 'direct-pay' system and make calculations to determine the most beneficial revenue source.
- Students will be able to perform a breakeven analysis and calculate the correct number of diagnostic tests to achieve breakeven point in both quantity and in dollars.

BUSN88 - HUMAN RESOURCES MANAGEMENT

- Analyze the typical non-exempt compensation strategies.
- Compare and contrast workplace security options.
- Describe the process of human resources planning.
- Discuss the role of unions in employee relations.

<p>Economics</p> <p>CSLO</p> <p>ECON1 - Principles of Microeconomics</p> <ul style="list-style-type: none"> • 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. • Upon completion of Econ 1 students will be able to define opportunity cost and marginal analysis and explain how they relate to choices of individuals in the economy. • Upon completion of Econ 1 students will be able to define different market structures and explain how firms optimize their fiscal objectives in these markets. <p>ECON2 - Principles of Macroeconomics</p> <ul style="list-style-type: none"> • 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. <p>ECON10 - General Economics</p> <ul style="list-style-type: none"> • 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. • Upon completion of Econ 10 students will be able to define opportunity cost and marginal analysis and explain how they relate to choices of individuals in the economy. • Upon completion of Econ 10 students will be able to define key economic indicators, including GDP, CPI, and Unemployment Rate, and use these quantitative measures to analyze the economy.
<p>Health</p> <p>CSLO</p> <p>HLTH1 - Intro to Personal Health</p> <ul style="list-style-type: none"> • Upon completion of Health 1, students will be able to identify their modifiable and non-modifiable risk factors for personal health. • Upon completion of Health 1, students will be able to locate health information related to their individual behavior change process and evaluate the credibility of those sources. • Upon completion of Health 1, students will be able to integrate and apply scientific research into their individual behavior change process. • Upon completion of Health 1, students will feel empowered to implement positive health behaviors. <p>HLTH3 - Women's Health</p> <ul style="list-style-type: none"> • Upon completion of Health 3, students will be able to evaluate health-related messages about women in popular media sources. • Upon completion of Health 3, students will be able to identify and discuss sexual rights issues as related to sexual health and responsible sexual behavior. • Upon completion of Health 3, students will be able to identify the modifiable and non-modifiable risk factors for health. • Upon completion of Health 3, students will be able to integrate scientific research into her or his behavior change process. • Upon completion of Health 3, students will be able to locate credible health information. <p>HLTH7 - Introduction to Public Health</p> <ul style="list-style-type: none"> • Upon completion of Health 7, students will be able to discuss the multiple determinants of health. • Upon completion of Health 7, students will be able to recognize the impact of policies, laws, and legislation on both individual and population health. • Upon completion of Health 7, students will be able to recognize the importance of key events, studies, and milestones in the history and development of the field of public health. • Upon completion of Health 7, students will be able to utilize credible sources of health data and information, and communicate that information to a wide range of audiences through an array of media.
<p>Kinesiology</p> <p>CSLO</p> <p>KIN5 - Sports Management</p>

- Demonstrate through the Oral History class project, and discussion with multiple guest speakers, that students appreciate the various jobs in the sport management field, and the ways in which they must prepare themselves to work in the field.

KIN6 - Personal Trainer

- The students will be able to differentiate between the positive and the negative coronary risk factors associated with cardiovascular disease.
- Successful completion of this course should enable the student to calculate the "Target Heart Rate Formula."
- The student will be able to complete one mile walking in under 20 minutes
- The student's will be able to construct valid and reliable measurements of a theoretical clients' fitness level and select appropriate tests for individual clients utilizing normative data.

KIN14 - Responding to Emergencies

- Upon completion of KIN 14, the student should be able to demonstrate cardiopulmonary resuscitation and the use of an AED.

KIN15 - First Aid and Safety

- Demonstrate the ability to perform CPR with AED and rescue breathing.

KIN16 - The Successful Student-Athlete

- Student will be able to demonstrate knowledge of CCCAA regulations for eligibility and show an understanding of NCAA regulations for transfer and immediate eligibility.

KIN17 - Intro Athletic Trng/Sports Med

- To be able to list the components in an ankle inversion prevention tape application.
- To be able to list the roles and responsibilities of an Athletic Trainer or A.T.C.

KIN18A - Athletic Training Practicum 1

- Upon completion of KIN 18A, the student should be able to demonstrate techniques in passive stretching.
- Upon completion of KIN 18A, the student should be able to exhibit proficiency in the correct use of therapeutic modalities.
- Upon completion of KIN 18A, the student should be able to illustrate appropriate taping techniques for joint stability and prevention of injuries.

KIN19 - Care and Prevention Injuries

- Upon completion of KIN 19, the student should be able to apply therapeutic modalities.
- Upon completion of KIN 19, the student should be able to evaluate and diagnose injury conditions.
- Upon completion of KIN 19, the student should be able to evaluate techniques for treating common athletic injuries.

KIN24 - Sport Psychology

- Upon completion of KIN 24, the student should be able to analyze methods in sport settings to regulate arousal, stress and anxiety.
- Upon completion of KIN 24, the student should be able to compare and contrast theories of achievement motivation.
- Upon completion of KIN 24, the student should be able to describe the relationship between coach expectations and athlete performance.
- Upon completion of KIN 24, the student should be able to explain how a coach creates an effective team climate.
- Upon completion of KIN 24, the student should be able to identify guidelines for coaches for building team cohesion.

KIN30 - Introduction to Kinesiology

- Identify a number of career options following a degree in kinesiology.

KIN31A - PRE-SEA CON INTERCOL BSKBL MEN

- Student will have an understanding of the demands and/or requirements associated with preparation for competitive athletic performance at the intercollegiate level.
- Students will be able to demonstrate proper shooting technique and be able to execute a series of jumpshots from different spots beyond the 3 point line. This will be done with proper technique and accuracy
- Students will be able to properly execute a 3 on 2 fast break from both an offensive and a defensive standpoint
- Students will be able to verbally and physically demonstrate how to properly physically train for the preparation of an intercollegiate basketball season.
- Students will demonstrate proper footwork emphasizing their left foot as pivot foot for right handed players and with this demonstrate offensive moves that attack the basket using this footwork
- The Student will be able to explain the general strategy and tactics of the sport as it relates to certain opponents.
- The student will have an understanding of the playing rules and acceptable conduct, behavior, and demonstrate good sportsmanship that

is associated with the intercollegiate sport.

- The student will understand the physical training (i.e., strength, speed, conditioning) needed to compete at the intercollegiate level.
- The student will understand and be able to work in a team environment.
- The students will be able to utilize competitive motivation in the development of work ethic.
- The students will have an understanding of the responsibilities and assignments of each position on the basketball court from an offensive and defensive standpoint.

KIN31B - Fall Intercolleg Basketball Men

- Students will demonstrate an understanding of the physical training (i.e., strength, speed, conditioning) needed to compete at the intercollegiate level in men's basketball.
- Students will demonstrate an understanding of the responsibilities and assignments of each position on the basketball team from an offensive and defensive standpoint.
- The student will demonstrate an understanding of the playing rules and acceptable conduct, behavior, and demonstrate good sportsmanship that is associated with being an intercollegiate athlete.
- The students will be able to utilize competitive motivation.
- The students will demonstrate and understand how to work with teammates in a positive environment.

KIN31C - Spring Intercol Basketball-Men

- Students will be able to diagram offensive sets that are utilized during the basketball season.
- Students will demonstrate an understanding of the demands and/or requirements that are required for competitive athletic performance at the intercollegiate level.
- The Student will be able to explain the strategies and tactics of the sport as it relates to certain opponents.
- The students will be able to physically demonstrate an understanding of offensive half court basketball sets as they pertain to an intercollegiate basketball team.

KIN31D - Off Seas Intercol Mens Bsktbl

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

KIN38A - Preseason Inter. Mens Soccer

- Students will demonstrate an understanding of total soccer philosophy.

KIN38B - Intercollegiate Men's Soccer

- Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer formations.

KIN38C - Post Season Inter. Men Soccer

- Students will formulate a plan to achieve their desired intercollegiate athletic objectives.

KIN41A - Pre-Condition.Int.BSKTBL-Women

- The student will be able to demonstrate an understanding of the language of basketball.
- The student will be in the proper shape to compete at the collegiate level.
- The student will be prepared to tryout and possibly make the Las Positas College basketball team.
- Upon successful completion of KIN 41A, the student will be able to perform advance defensive phases of Basketball (zone and player to player defense in the half court and full court).
- Upon successful completion of KIN 41A, the student will be able to perform advance offensive phases of Basketball (dribble, pass and shoot through team half court sets, transitional sets, press breakers and out of bounds plays).

KIN41B - Intercollegiate Bsktbl-Women

- Upon successful completion of KIN 41B, the student will be able to demonstrate acquired defensive skills through competition: 1 out of 2 successful attempts (zone and player to player) in the half court and full court.
- Upon successful completion of KIN 41B, the student will be able to demonstrate acquired offensive skills through competition: 4 out of 5 successful attempts (dribble and pass) and 2 out of 5 attempts (shooting) through half court sets, transitional sets, press breakers and out of bounds plays.

KIN41C - Intercollegiate Bsktbl Women

- Upon successful completion of KIN41C Intercollegiate Women's Basketball the student will be able to identify correct rules, scoring and strategies for successful completion of an Intercollegiate Basketball game.
- Upon successful completion of KIN 41C Intercollegiate Basketball, the student will demonstrate an understanding of advanced skills in basketball; dribbling through traffic on the court, passing under defensive pressure, shooting three point shots, rebounding, offensive screening and offensive moves to the basket.

KIN41D - Off Sea Intercol Womens Bsktbl

- 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.
- Upon successful completion of Intercollegiate Women's Basketball the student will be able to 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).
- Upon successful completion of KIN 41D Off Season Intercollegiate Basketball, the student will be able to articulate and demonstrate advanced strategies used in basketball. The student will show an understanding of the rules, strategies, and sportsmanship involved in competitive basketball.

KIN48A - Presea Intercol Womens Soccer

- Identify advanced soccer defensive principles of play by identifying errors that result in the conceding of goals. Students' will categorize goals conceded by defensive principles of play (for example, balance, discipline/patience, and predictability).
- Student will be knowledgeable in basic offensive and defensive strategies used in the game of soccer. A written exam will be given for assessment.
- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.
- The student will develop the proficiency in the fundamental skills of soccer, which includes juggling, dribbling, passing, heading, shooting. Skills assessments will be given to assess individual development of skills.

KIN48B - Intercollegiate: Womens Soccer

- An understanding of the demands and/or requirements associated with preparation for competitive athletic performance at the intercollegiate level. The scope of which encompasses the following components: 1. Understanding of the playing rules of the game, 2. Specific assignments and/or responsibilities, as associated with the various positions and/or activities of the sport. 3. General strategy and tactics of the sport. 4. Specific strategy and tactics of the sport, as associated with various opponents. 5. Understanding and acceptance of the teamwork concept. 6. Competitive motivation in the development of work ethic. 7. Physical training basically for strength and conditioning.
- Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer formations.

KIN48C - Off Season Inte Women Soccer

- Compare zonal defending with opponent marking strategy in soccer. Construct a practice to prepare a team to defend zonally, and identify the advantages of this strategy.
- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.
- Your opponent's strategy is to pass the ball wide and send crosses into your penalty box. Design a strategy to defend against this and create a practice training plan to prepare your team for this approach.

KIN50 - Inter. Swimming Diving

- Demonstrate and apply etiquette and sportsmanship through intercollegiate competition.
- Demonstrate the ability to compete and excel at the highest level of community college competition.
- Demonstrate the ability to maintain good academic standing with a 2.0 GPA and 12 units.
- Students will formulate a plan to achieve their desired intercollegiate athletic objectives.

KIN51 - PRE-SEASON TRAINING-SWIM & DIV

- Demonstrate a specific stroke drill with a stated objective
- Employ a pre-season weight program using principles of overload and progression
- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.

KIN60 - Intercolleg. Water Polo- Men's

- Demonstrate and apply etiquette and sportsmanship through intercollegiate competition.

KIN61 - Water Polo Off Season Training

- Upon completion of KIN 61 students will be able to demonstrate an 'M' drop zone defense.

KIN65 - Intercoll. Water Polo- Women's

- Demonstrate and apply etiquette and sportsmanship through intercollegiate competition.

KINAFG - Aerobic Fitness Gym

- Upon completion of KIN AFG, the student should be able to define an individual's aerobic capacity and how it is measured.
- Upon completion of KIN AFG, the student should be able to evaluate exercise intensity by using their personal heart rate response.

KINAIE - Adapted Individualize Exercise

- Students will design, with instructor consultation, a warm-up, aerobic and anaerobic exercises to suit their capabilities. They will monitor their routine twice per week and make appropriate modifications when necessary.
- Students will summarize how their resting, training and recovery heart rate influences their lifelong health and fitness.
- Students' identify SMART goals to achieve their long term fitness objectives.
- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.

KINAPA - Adapted Physical Activities

- Fitness Level: Demonstrate improved cardiorespiratory endurance
- Fitness Level: Demonstrate muscle strength and endurance
- Knowledge: Explain etiquette and rules for use of equipment (towel, drinking water, use of facility)
- Knowledge: Identify importance of physical and social activities for lifetime health
- Student Perceptions: Student makes behavioral adjustments necessary for a safe environment in the class.
- Student will be able to verbally explain why an exercise is important for their health and what muscles are being used in the execution of the exercise.
- Student will demonstrate safe and responsible use of the equipment.
- Student will increase upper body strength by 20% from pre-post testing.
- Students will be able to explain why they are doing a certain activity and the social and fitness benefits.
- Students will be able to verbally explain which exercises are used for cardio-vascular endurance, and increase their endurance by 10% from pre-post testing.
- Students will clean equipment after use and put equipment away for that others can find it.
- Students will demonstrate an understanding of the Overload principle by increasing duration or workload.
- Students will show improvement in their cardiovascular fitness by monitoring their heart rate.

KINAWT - Adapted Weight Training

- Activity Skill: Demonstrate correct strength training technique
- Fitness Level: Demonstrate improved cardiorespiratory endurance
- Fitness Level: Demonstrate improved flexibility
- Fitness Level: Demonstrate muscle strength and endurance
- Knowledge: Apply overload principle to progress strength training program
- Knowledge: Explain etiquette and rules for use of equipment (towel, drinking water, use of facility)
- Knowledge: Explain the benefits of cardiovascular exercise and resistance training.
- Knowledge: Identify importance of physical and social activities for lifetime health
- Student Perception: Express behavioral intention to maintain long-term physical activity
- Student Perceptions: Student makes behavioral adjustments necessary for a safe environment in the class.
- Students explain the overload principle and components of fitness by applying these principles to a 1 month exercise routine.
- Students will identify and describe the benefits of cardiovascular and resistance training.
- Students will identify major muscle groups and be able to label a human illustration.
- Students will undergo periodic fitness testing to demonstrate the effects of this exercise program.
- Students' identify SMART goals to achieve their long term fitness objectives.

KINBC1 - Boot Camp 1-Flex/Core Dev

- Describe the energy system transitions (between aerobic, lactic acid, & anaerobic) from Boot Camp warm-up to a 5 minute maximal exertion exercise.
- Students explain the overload principle and components of fitness by applying these principles to a 1 month exercise routine.
- Students will identify and describe the benefits of cardiovascular and resistance training
- Students will identify major muscle groups and be able to label a human illustration.
- Students will identify SMART goals to achieve their short and long term fitness objectives
- Students will undergo periodic fitness testing to demonstrate the effects of this exercise program.
- Students' identify SMART goals to achieve their long term fitness objectives.
- The student will be able to identify equipment used in the obstacle courses that develops each of the skill related components of fitness by written exam.

KINBC2 - Boot Camp for Aerobic Cond

- Upon completion of KIN BC2, students will be able to differentiate methods of aerobic training, for example, cross training, fartlek training, interval training, and altitude training.
- Upon completion of KIN BC2, students will be able to distinguish methods used to calculate heart rate zones for aerobic conditioning.

KINBC3 - Boot Camp for Power & Strength

- The student will be able to list and define the skill related components of fitness, which includes: agility, quickness/speed, co-ordination, balance, and explosiveness/power.
- Students explain the overload principle and components of fitness by applying these principles to a 1 month exercise routine.
- Students will identify major muscle groups and be able to label a human illustration.
- Students' identify SMART goals to achieve their long term fitness objectives.
- The student will be able to identify equipment used in the obstacle courses that develops each of the skill related components of fitness by written exam.

KINBD1 - BADMINTON 1

- Successful completion of this course should enable the student to calculate the "Target Heart Rate Formula."
- The student shall name the lines on the court and give the dimensions of the court for badminton.
- The student will be able to complete one mile walking in under 20 minutes
- The student will be knowledgeable of the basic rules of badminton, including scoring methods and court dimensions. Can be assessed verbally or on written assignment.
- The student will demonstrate proficiency in the forehand and backhand service techniques. A skills assessment will be used to determine level of proficiency.

KINBD2 - BADMINTON 2

- Successful completion of this course should enable the student to calculate the "Target Heart Rate Formula."
- The student shall name the lines on the court and give the dimensions of the court for badminton.
- The student will be able to complete one mile walking in under 20 minutes
- The student will execute the backhand techniques of the following badminton skills: backhand clear, backhand drop-shot, backhand smash & backhand drive. A skills assessment will be used to determine level of proficiency.
- The student will identify strengths and areas to improve in singles and doubles play utilizing a Badminton Scatter Graph. A skills analysis will be used for assessment.

KINBD3 - BADMINTON 3

- The student will describe the "principle of attack" used in Doubles play.
- The student will be able to describe the four primary Badminton strategies on a written exam. The strategies to be described will be movement pressure, central base position, hitting the corners and hitting the middle.

KINBK1 - Basketball 1

- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.

KINBK2 - Basketball 2

- Students will be able to demonstrate advanced individual basketball skills and be able to perform in a competitive setting.

KINBL1 - Bowling 1

- Upon completion of KIN BL1, the student should be able to differentiate the technical demands of the four basic shots in bowling.

KINBX1 - Box Aerobics

- Students demonstrate leadership in Box Aerobics.
- Students will demonstrate Tae Kwon Do skills including stances, kicking, punching, blocks, forms, controlled sparring, and fitness level.

KINCYCL1 - Cycling Conditioning 1

- Upon successful completion of KIN CYCL1, students will be able to demonstrate safe and effective riding posture while seated on the stationary cycle.
- Upon successful completion of KIN CYCL1, students will be able to design an effective warm up and cool down.
- Upon successful completion of KIN CYCL1, students will be able to estimate their heart rate.

KINCYCL2 - Cycling 2

- Upon successful completion of KIN CYCL2, students will be able to demonstrate safe and effective riding posture while standing on the stationary cycle.
- Upon successful completion of KIN CYCL2, students will be able to estimate their maximum heart rate and their identify target heart rate.
- Upon successful completion of KIN CYCL2, students will be able to use a stationary cycle safely and effectively as a way to exercise and develop their overall aerobic fitness level.

KINDBS - Dance Aerobics/Body Sculpting

- Calculate target heart rate.
- Demonstrate improved fitness level

KINDV1 - SPRINGBOARD DIVING

- Demonstrate appropriate approach, hurdle, and takeoff for a forward dive.
- Organize a six dive list.
- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.

KINETD1 - Eskrima - Tenio DeCuerdas 1

- Upon completion of KIN ETD1, students will be able to deliver and defend against the basic angles of attack.
- Upon completion of KIN ETD1, students will be able to perform and explain the proper way to salute other students and the instructor.
- Upon completion of KIN ETD1, students will be able to use sweeping, striking, and pivoting for earth-to-earth defenses.

KINETD2 - Eskrima - Tenio DeCuerdas 2

- Upon completion of KIN ETD2, students will be able to defend against the six main angles of attack using against-the-force striking concepts.
- Upon completion of KIN ETD2, students will be able to defend against the six main angles of attack using numerado.
- Upon completion of KIN ETD2, students will be able to defend against the six main angles of attack using with-the-force striking concepts.

KINETD3 - Eskrima - Tenio DeCuerdas 3

- Upon completion of KIN ETD3, students will be able to defend against the six main angles of attack using locking.
- Upon completion of KIN ETD3, students will be able to defend against the six main angles of attack using sectoring.
- Upon completion of KIN ETD3, students will be able to defend against the six main angles of attack using trapping.

KINETD4 - Eskrima - Tenio DeCuerdas 4

- Upon completion of KIN ETD4, students will be able to apply earth-to-earth open hand applications.
- Upon completion of KIN ETD4, students will be able to apply numerado striking applications.
- Upon completion of KIN ETD4, students will be able to apply the third arm concept.

KINFC - Fitness Center

- Participate in a fitness program to maintain and/or improve personal fitness level

KINFD - Fitness Development

- Plan and participate in a fitness development program to maintain and/or improve personal fitness

KINFL1 - Flag Football 1

- Demonstrate knowledge of the general rules involved with the game of flag football

KINFL2 - Flag Football 2

- Demonstrate knowledge of the general rules involved with the game of flag football
- Demonstrate knowledge of the rules involved with the game of 4-on-4 and 5-on-5 flag football

KINFL3 - FLAG FOOTBALL 3

- Demonstrate knowledge of the rules involved with the game of 7-on-7 and 8-on-8 flag football
- Demonstrate use of offensive strategies used in 7-on-7 and 8-on-8 flag football
- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.

KINFNE1 - Fencing - Epee 1

- Successful completion of this course will enable students to perform controlled footwork, including advance, retreat, and lunge.

KINFNE2 - Fencing - Epee 2

- Upon completion of KIN FNE2, the student should be able to perform controlled footwork, including advance, retreat, and lunge.

KINFNF1 - Fencing- Foil 1

- Successful completion of this course will enable students to perform controlled footwork, including advance, retreat, and lunge.

KINFW1 - Fitness Walking 1

- The student's personal fitness improvement will be determined by increased distance and speed over the course of the semester. A final walk/jog assessment will be completed.
- Successful completion of this course should enable the student to calculate the "Target Heart Rate Formula."
- The student will be able to complete a mile distance while doing a combination of walking and jogging within 15 minutes
- The student will be able to complete one mile walking in under 20 minutes
- The student will be able to determine appropriate training heart rate for maximum cardiovascular efficiency. The student will use the Karvonen Formula.

KINFW2 - Fitness Walking 2

- Show improvement in cardiovascular fitness
- Successful completion of this course should enable the student to calculate the "Target Heart Rate Formula."
- The student will be able to complete a mile distance while doing a combination of walking and jogging within 15 minutes
- The student will be able to complete a mile distance while jogging in under 15 minutes
- The student will be able to complete one mile walking in under 20 minutes
- Upon completion of this course students will be able to identify the benefits of walking and how they relate to their personal development in health, fitness, recreational and physical activity.

KINFW3 - FITNESS WALKING 3

- Successful completion of this course should enable the student to calculate the "Target Heart Rate Formula."
- The student will be able to complete a mile distance while doing a combination of walking and jogging within 15 minutes
- The student will be able to complete a training walk using accelerations every 100 yards.
- The student will be able to complete one mile walking in under 20 minutes
- The student will be able to identify the nutritional needs for recreational or competitive events.

KINGBW - Guts and Butts Workout

- Identify major muscle groups and select appropriate exercises
- Identify specific abdominal exercises used to strengthen the "core" and the variables of difficulty
- Identify specific muscles used to strengthen & stabilize the main "core"
- Improve his/her fitness level.

KINGF1 - Golf 1

- Upon completion of KINGF1, the student will be able to analyze the influence of alignment and grip on ball flight

KINGF2 - Golf 2

- Upon completion of KINGF2, the student will be able to illustrate how a golfer creates lag in the golf swing

KINGF3 - Golf 3

- Upon completion of KINGF3 the student will be able to assess the significance of the hip pivot movement and its role in creating distance in golf ball flight

KINJDR1 - Danzan Ryu Jujitsu 1

- Upon completion of KIN JDR1, students will be able to perform an escape from a wrist grab.
- Upon completion of KIN JDR1, students will be able to perform and receive a basic sweep or trip throw.
- Upon completion of KIN JDR1, students will be able to perform basic ukemi.

KINJDR2 - Danzan Ryu Jujitsu 2

- Upon completion of KIN JDR2, students will be able to perform a basic wrist or finger lock
- Upon completion of KIN JDR2, students will be able to perform a sweep throw.
- Upon completion of KIN JDR2, students will be able to perform beginning/intermediate level ukemi.

KINJDR3 - Danzan Ryu Jujitsu 3

- Upon completion of KIN JDR3, students will be able to perform a basic arm lock.
- Upon completion of KIN JDR3, students will be able to perform a hip throw
- Upon completion of KIN JDR3, students will be able to perform intermediate level ukemi.

KINJW - Jog/Walk

- Upon successful completion of KIN JW, students will be able to design an effective warm up and cool down.
- Upon successful completion of KIN JW, students will be able to estimate their maximum heart rate and identify their target heart rate.
- Upon successful completion of KIN JW, students will be able to walk and jog safely and effectively as a way to exercise and develop their overall aerobic fitness level.

KINPF - Personal Fitness

- Successful completion of this course should enable the student to calculate the "Target Heart Rate Formula."
- The student will be able to complete a mile distance while doing a combination of walking and jogging within 15 minutes.
- The student will be able to complete one mile walking in under 20 minutes.

KINPL1 - Pilates 1

- Demonstrate correct alignment for Pilates Mat Work.
- Demonstrate knowledge of neutral spine, c-shape and scoop.
- Implement the guiding principles of Pilates.

KINPL2 - Pilates 2

- Apply knowledge of core stabilization during Pilates exercises.
- Demonstrate knowledge of neutral spine, c-shape and scoop.
- Design a level 2 routine with appropriate props and stretches.
- Implement the guiding principles of Pilates.
- Perform interval challenges to increase strength and cardiovascular health.
- Perform Pilates level 2 mat exercises using props and variations to increase difficulty.

KINSD1 - Salsa Dance 1

- The student will be able to perform the basic step, side step, openings, and couple hold. A skills analysis will be done to assess level of proficiency.
- The students will be conversant with the origins of Salsa and its historical and cultural context. This will be assessed by written final exam.

KINSI1 - Soccer-Indoor

- Identify fundamental errors that result in the conceding of goals. Students' will categorize goals conceded by fundamental defensive principles of play (for example, delay, depth and concentration/compactness).
- Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer formations.

KINSO1 - Soccer Outdoor

- Compare the strengths and weaknesses of various soccer formations: 3-5-2, 4-5-1, 4-3-3, 4-4-2, 4-2-3-1, 4-1-4-1 and 4-3-2-1
- Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer field layout.
- Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer formations.
- Your opponent's strategy is to defend high up the field of play, aiming to regain possession close to your goal. Devise a practice that prepares your team for this, and aims to exploit this strategy.

KINSO2 - Outdoor Soccer

- Evaluate, with use of video playback, individuals' soccer technique when demonstrating the: Push pass, driven pass, bent pass, shooting with laces, moves to beat the defender, 1v1 defending, and attacking and defensive heading.
- Students will demonstrate soccer knowledge including five phases of trapping, heading, kicking, passing, dribbling, and soccer field dimensions.
- Your opponent's tactic is to defend deep in numbers and counter-attack. Devise a practice and strategy that will prepare your team to outwit the opposition.

KINSW1 - Swimming 1

- Demonstrate competency of beginning level swimmers, including floating skills, and comfort in the water
- 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.

KINSW2 - Swimming 2

- Demonstrate competency of beginning level swimming skills; including basic swim strokes (competitive and non-competitive)
- Illustrate the basic breathing technique for each of the four competitive strokes
- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.

KINSW3 - Swimming 3

- 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.
- Show improvement in cardiovascular fitness
- Show increased muscular endurance and/or technical proficiency of the following strokes:
 - o Front and back crawl
 - o Breaststroke
 - o Sidestroke
 - o Elementary backstroke

KINSWF1 - Swimming for Fitness 1

- The student will swim 450 yards in 12 minutes.

KINSWF2 - Swimming for Fitness 2

- Demonstrate a training methodology that will increase power and speed in swimming
- Upon successful completion of Swim for Fitness 2 the successful student will be able to demonstrate competitive swimming strokes: freestyle, backstroke, breaststroke and fly while learning to value and obtain a moderate level of physical fitness.
- Upon successful completion of Swim for Fitness 2 the successful student will be able to distinguish the basic water safety concepts.

KINSWF3 - SWIMMING FOR FITNESS 3

- Demonstrate an improvement in a timed 500 yard swim

KINSWF4 - SWIMMING FOR FITNESS 4

- The student will be able to define the seven components of distance training methodologies presented during the course.
- The student will demonstrate the benefit of interval training and pacing through demonstrated improvement in a timed 20 minute swim.
- The student will develop a proficiency in using the front-mount snorkel during distance training and swimming. A final skills assessment will be given.

KINTK1 - TAEKWONDO 1

- Skill performance and assessment on specific exercises and techniques: Gi Bon Poomse, Taeguk Il Jang, Taeguk Ee Jang in accordance with World Taekwondo Federation regulations.
- Students will demonstrate Tae Kwon Do skills including stances, kicking, punching, blocks, forms, controlled sparring, and fitness level.
- The student will practice Martial Arts Etiquette and demonstrate the traditional philosophies employed in Taekwondo. This will be assessed through observation and written exam.

KINTK2 - Tae Kwon Do 2

- Students will demonstrate respect, self defense and the way of the life.
- Students will demonstrate Tae Kwon Do skills including stances, kicking, punching, blocks, forms, controlled sparring, and fitness level.

KINTK3 - Tae Kwon Do 3

- Upon completion of KIN TK3, the student should be able to demonstrate sufficient knowledge regarding the traditional philosophy of TaeKwondo, emphasizing respect towards masters and senior ranks, discipline and self-control in certain situations, and deep-rooted connections between Korean culture and the martial art.
- Upon completion of KIN TK3, the student should be able to demonstrate various "Poomsae" in a series of systematic movements set in pattern which are necessary for defense and attack.
- Upon completion of KIN TK3, the student should be able to show mastery of fundamental kicking and hand techniques that are based on Olympic-style Taekwondo.

KINUF1 - Ultimate Frisbee 1

- Demonstrate correct technique for catching skills
- Demonstrate correct technique for marking skills
- Demonstrate correct technique for throwing skills
- Demonstrate improved cardiovascular endurance for the sport of ultimate

KINUF2 - Ultimate Frisbee 2

- Demonstrate continued improvement of cardiovascular endurance for the sport of Ultimate.
- Demonstrate intermediate catching skills.
- Demonstrate intermediate marking skills.
- Demonstrate intermediate throwing skills.

KINUF3 - Ultimate Frisbee 3

- Demonstrate continued improvement of cardiovascular endurance for the sport of Ultimate.
- Demonstrate intermediate catching skills.
- Demonstrate intermediate marking skills.
- Demonstrate intermediate throwing skills.
- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.

KINVB1 - Volleyball Beginning

- Demonstrate cooperation and team work within round-robin play.
- Demonstrate knowledge of the basic terminology and skills needed to participate in volleyball.

KINVB2 - Volleyball Intermediate

- Upon successful completion the student will be able to explain basic rules for indoor volleyball.
- Upon successful completion, the student will be able to demonstrate basic skills to include forearm passing, setting, attacking, digging, blocking, and serving.
- Upon successful completion, the student will be able to perform agility footwork general to athletics and sport specific to volleyball.

KINVB3 - Volleyball Advanced

- The student will be able to perform the 4 serves, float, top spin, overhead and jump serve, taught in the course. A final skills assessment will be given.
- The student will be knowledgeable of the collegiate and international rules of volleyball. A rules exam will be given during the course.

KINWP1 - Water Polo 1

- Compete in water polo at an introductory level
- Demonstrate basic water polo skills: dribbling, passing, shooting
- Demonstrate the appropriate physical skills and strategies of water polo
- Display a knowledge and employment of the rules of water polo
- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.

KINWP2 - Water Polo 2

- Interpret NCAA rules and regulations and apply them in a competitive situation
- Organize a basic counterattack defense and offense
- The student will be assessed on their academic achievement of the cumulative knowledge gathered by study, research, observation, &/or participation/experience during the length of the entire course and assigned an overall grade.

KINWP3 - Water Polo 3

- Upon completion of KIN WP3, students will be able to demonstrate the water polo individual medley.

KINWT1 - Weight Training 1

- Identify major muscle groups and specific weight training exercises (machines) for each group, which will be assessed by written evaluation at end of semester
- Continue to improve body composition.
- Identify the free weight training exercises demonstrated in class.
- Student Perception: Express behavioral intention to maintain long-term physical activity

KINWT2 - Weight Training 2

- Identify the free weight training exercises demonstrated in class.
- Student Perception: Express behavioral intention to maintain long-term physical activity
- Upon completion of this course students will identify faults and apply technique corrections to improve their overall skill and knowledge performance.
- Upon completion of this course, students will increase their knowledge and performance fitness competency through demonstration and instructor feedback, in a practical setting and or in group or individual participation.

KINWTW1 - Women's Weight Training One

- Upon completion of WTW1, the student should be able to demonstrate a proper warm-up and explain the physiological reasons behind it.
- Upon completion of WTW1, the student should be able to demonstrate proper form when executing free weight and machine weight exercises.
- Upon completion of WTW1, the student should be able to identify major muscle groups and the specific weight training exercises that utilize those muscle groups.
- Upon completion of WTW1, the student should be able to understand weight training's benefits and effect on long-term health.

KINWTW2 - Womens Circuit Training

- The student will be able to distinguish between cardio equipment and musculoskeletal equipment to develop overall body endurance. This will be assessed by written final exam.
- The student will be able to list 4 different circuits and the difference between each that is performed in class.

KINYO1 - Yoga 1

- Demonstrate proper anatomy alignment and posture
- Successful completion of this course will enable students to reflect how yoga has affected their wellness and understanding of themselves.

KINYO2 - Yoga 2

- Apply the eight limbs of yoga as part of a healthy lifestyle
- Decrease muscular tension and stress by practicing poses that improve body alignment and deepen breathing.
- Demonstrate an understanding of the components of fitness and how yoga can improve and maintain these components
- Demonstrate proper anatomy alignment and posture
- Improve muscular strength and flexibility
- Increase body awareness and deeper breathing
- Successful completion of this course will enable students to reflect how further study of yoga continues to affect their wellness as they seek a balanced lifestyle.

KINZUM1 - Zumba Fitness Workout 1

- Upon completion of KIN ZUM1, the student should be able to analyze Latin and international dance movements and integrate them into an aerobic routine.

Marketing

CSLO**MKTG50 - Introduction to Marketing**

- Evaluate consumer behavior in the consumer decision making process.
- Identify the four steps in the market research process.
- List and describe the four Ps of marketing.
- Successful completion of this course will enable students to explain the marketing concept and how it applies in both for-profit and nonprofit organizations.

MKTG56 - Retail Strategies

- Upon completion of Marketing 56, students will be able to create effective online marketing strategies and campaigns, and employ free web analytics tools to track and measure success.
- Upon completion of Marketing 56, the students will be able to apply customer service principles to retain and grow customer loyalty through recognized consistent systematic improvement processes and use of social media.
- Upon completion of Marketing 56, the students will be able to compare the tools and techniques used to create and enhance profitable customer service experiences in the traditional and digital sales environment.

MKTG60 - Retail Store Management

- Analyze the fundamentals of customer service.
- Compare and contrast the primary pricing strategies.
- Describe the principles of merchandise assortments.
- List the tasks involved in site selection.

MKTG61 - Professional Selling

- Analyze the techniques of persuasion.
- Describe the functions performed by sales people in our economic system.
- Discuss the ethics of selling.
- Identify the consumers reasoning process when making a buying decision.

MKTG64 - Introduction to Advertising

- Analyze appropriate media for various target markets.
- Compare and contrast the different types of advertising.
- Discuss the strengths of a media plan.
- Identify the procedures for developing an advertising campaign.

Nutrition**CSLO****NUTR1 - Nutrition**

- Upon completion of NUTR 1, the student should be able to analyze and critically assess the reliability and credibility of nutrition information and dietary advice, services and products.
- Upon completion of NUTR 1, the student should be able to analyze assigned nutrient intake compared to standard recommendations and make suggestions for improvement/maintenance of intake.
- Upon completion of NUTR 1, the student should be able to identify the key dietary risk factors influencing the development of chronic diseases in the United States.
- Upon completion of NUTR 1, the student should be able to 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.

NUTR5 - Nutrition/Performance & Sport

- Upon completion of NUTR 5, students will communicate nutrition information using credible resources.
- Upon completion of NUTR 5, students will be able to analyze and evaluate dietary intake relative to government guidelines and recommendations for athletes.
- Upon completion of NUTR 5, students will describe the basic principles of nutrition as they relate to sports performance.

Work Experience

CSLO**WRKX94 - Occupational Work Exp/Intern.**

- Demonstrate technical and workplace competency.

WRKX95 - General Work Experience

- Demonstrate the ability to carry out learning objectives established by student, supervisor and instructor.

SLPC**Administration of Justice****CSLO****AJ50 - Intro to Admin of Justice**

- Upon successful completion of AJ50, the student will be able to identify, discuss and explain the major components and sub-components of the American justice system and how they relate to each other.

AJ54 - Investigative Reporting

- In the final exam report of AJ54, the student will: Demonstrate the ability to take field and interview notes to complete a report; Explain the basic steps of interviewing a victim, witness and suspect and successfully write a preliminary investigative report based upon a given scenario.

- Upon successful completion of AJ54, the student will be able to identify the correct crime codes and elements of the more common offenses/incidents investigated by the police; they will also be able to explain the legal requirements of police reports; gather, organize and write a crime report and they will also understand and explain the importance of the police report in courtroom testimony;

AJ55 - Intro to Correctional Science

- Upon the successful completion of AJ55, the student will explain how correctional agencies fulfill the mission of protecting society; describe the unique problems faced with incarcerating female and juvenile offenders, as well as special need offenders and death row inmates. The student will also be able to explain the differences between the federal and state prison systems and the differences between a prison and a jail and the role of each in the American criminal justice system.

AJ60 - Criminal Law

- Upon successfully completing AJ60, the student will be able to: Identify the origins and foundational concepts of civil and criminal law; understand how laws are developed and modified and be able to identify the primary sources on which the law is based. The student will also be able to analyze, compare and contrast criminal statutes and describe the differences between specific and general and transferred intent crimes.

- Upon successfully completing AJ 60, the student will be able to identify the elements of some common offenses as codified in the California Penal Code.

AJ61 - Evidence

- Upon successful completion of AJ61, the student will be able to identify the rules of evidence pursuant to the California Evidence Code and how they relate to the gathering, cataloging and storing of evidence by the police. The student will also be able to identify and discuss how the rules are applied in the judicial process
- Upon successfully completing AJ61, the student will be able to explain the differences between the Federal Rules of Evidence and the California Evidence Code, as well as understand the basics of the rules of search and seizure, the Exclusionary Rule and the "Fruits of the Poisonous Tree" doctrine.

AJ63 - Criminal Investigation

- After successfully completing AJ63, the student will be able to perform a basic crime scene search and identify applicable investigative resources.
- The student will, upon successfully completing AJ63, demonstrate the ability to conduct a preliminary criminal investigation and conduct a preliminary interview/interrogation.

AJ64 - Patrol Procedures

- Upon successful completion of AJ64, the student will be able to apply the proper patrol method to a model community based upon geography, traffic patterns, crime rate and demographics in a legal and ethical manner.
- Upon the successful completion of AJ64, the student will be able to identify the different methods of police patrol, their strengths, limitations and the purpose of each method of patrol.

AJ66 - Juvenile Procedures

- At the end of this course, the student will be able to identify and discuss the differences between juvenile law and adult law.
- At the end of this course, the student will understand and explain delinquent behavior in juveniles and its multiple causes.
- The student will also be able to determine the difference between a status offense relating to juvenile behavior and criminal behavior, through the correct California code sections that deal with juvenile law and behavior.

- The student will be able to explain the causes and effects of juvenile delinquency and crime.
- Upon successful completion of AJ66, the student will be able to explain the historical evolution of the juvenile justice system; the juvenile justice process and how it relates to the rehabilitation of youthful offenders and to differentiate between juvenile status offenders and juvenile criminal offenders.

AJ68 - POLICE ETHICS AND LEADERSHIP

- Upon successful completion of AJ68 the student will have a working understanding of and explain the purpose and benefits of good leadership and the importance of sound ethical decision making in a law enforcement agency and by the individual officer.

AJ69 - Sex Crime Investigation

- Upon successfully completing AJ69, the student will be able to: discuss and evaluate the historical, societal, and cultural issues of sexual assault and rape; identify and define the legal elements of different sexual assaults; explain human behavior as it relates to sex crimes; appraise the theoretical causes of sexual assault and discuss techniques of prevention in sexual crimes.

AJ70 - Community Relations

- The student will be able to, upon successful completion AJ70, identify the structure of the police organization and its impact on officer behavior, community relations and community members. The student will also be able to compare, contrast and explain different community-based policing programs and the strengths and limitations of each in their relationship to a diverse community.
- Upon successful completion of AJ70, student will be able to describe the structure of various cultures in a community, including special populations and subcultures and how to effectively communicate with each group.

AJ74 - Gangs and Drugs

- The student will, upon successfully completing AJ74, explain the legal definition of a gang and the relationship of gangs to the import, sale and distribution of drugs in America.

AJ79 - Homicide Investigation

- Upon successful completion of AJ79, the student will be able to understand the legal definitions of homicide and murder; recognize the difference between legal and illegal homicide; recognize the signs associated with homicide, suicide, accidental deaths and deaths from natural causes and compare and contrast homicide investigative procedures with other types of investigations.

AJ88 - The Police and Hollywood

- Upon successful completion of AJ88, the student will understand the history of popular media (films and TV) and its societal influence on the public's perception of policing; they will also be able to describe the influence of popular media on police agencies and police officers and the cultural implications both have on society.

AJ9954 - Weaponless Defense

- The student, upon successful completion of this course, will be able to evaluate new and existing weaponless techniques for actual use and understand and utilize current and future statutory and case law concerning the use of said techniques.

AJ9965 - Internal Affairs Investigation

- Upon completion of this course the student will understand California state law and the Peace Officer Bill of Rights in regards to the investigation of sworn officers and non-sworn employees of state law enforcement agencies.

AJ9969 - Firearms Instructor

- At the end of the course, the student will have demonstrated the requirements to become a California POST certified firearms instructor.

AJ9979 - Basic Police Cyclist

- At the end of this course, the student will be able to explain and demonstrate the safe handling of a bicycle modified for police patrol.

AJ9980 - Rifle Marksmanship & Sniper

- Upon completion of the course, the student will be able to show proficiency in the application of rules of engagement in critical incidents and demonstrate demonstrate tactical skills in sniping and field craft.

AJ9987 - Basic S.W.A.T.

- Upon successful completion of this course, the student will be able to perform as a SWAT team member with a law enforcement agency.

AJ9997 - Law Enforcement Academy

- Upon completion of the AJ degree program, the student will be academically prepared for a California Peace Officer Standards and Training Commission basic training academy.

- Upon completion of this course, the student will be able to assume the duties of a basically trained California peace officer and be eligible for duty as a probationary peace officer.

AJ9998 - POST Basic Supervisory

- Upon completion of the course, the student will be able to demonstrate the application of leadership theories in given law enforcement situations.

Anthropology

CSLO**ANTR1 - Biological/Physical Anthro**

- Students will be able to deconstruct the biological concept of "race."
- Students will be able to describe and identify fossil hominid species.
- Students will be able to explain how natural selection works.

ANTR1L - Biological/Physical Anthro Lab

- Students who take courses in anthropology should be able to successfully deconstruct the biological concept of "race".
- Students will be able to apply the scientific method to research in anthropology.
- Students will be able to identify fossil hominid species including osteological adaptations.

ANTR2 - Introduction to Archaeology

- Students will be able to use theory to interpret archaeological data.

ANTR3 - Social/Cultural Anthropology

- Students will be able to analyze cultural practices from a variety of anthropological and theoretical perspectives.

ANTR4 - Language and Culture

- Successful completion of ANTR 4 will enable students to describe and demonstrate how the relationship between language and culture has social consequences.
- Successful completion of ANTR 4 will enable students to explain the anthropological approach to language and communication.
- Successful completion of ANTR 4 will enable students to identify the structural properties of language.

ANTR5 - Cultures of the U.S. in Global

- Students who take courses in anthropology should be able to successfully deconstruct the biological concept of "race".
- Students will be able to analyze the pattern of U.S. government responses to successive immigrant groups through its changing immigration policies.

ANTR12 - Magic/Religion/Witchcraft/Heal

- Students will interpret symbolic cultural practices with use of various anthropological/theoretical perspectives.

ANTR13 - Intro to Forensic Anthropology

- Students will be able to analyze human bones for identification of sex, ancestry, age, trauma and stature.

Automotive Technology**CSLO****AUTOA1 - Engine Repair**

- Upon completion of AUTO A1, student should be able to apply safety precautions in shop lab exercises.
- Upon completion of AUTO A1, the student should be able to apply engine repair safety precautions.
- Upon completion of AUTO A1, the student should be able to obtain and interpret powertrain data related to the engine.

AUTOA2 - Auto Transmission/Transaxle

- Upon completion of AUTO A2, the student should be able to apply transmission/Transaxle repair safety precautions.
- Upon completion of AUTO A2, the student should be able to, obtain and interpret powertrain data related to the transmission.

AUTOA3 - Manual Drive Train and Axles

- Upon completion of AUTO A3, the student should be able to apply Manual Drive Train and axle repair safety precautions.
- Upon completion of AUTO A3, the student should be able to, obtain and interpret powertrain data related to manual gearboxes and axles.

AUTOA4 - Suspension and Steering

- Upon completion of AUTO A4, the student should be able to apply steering and suspension repair safety precautions.
- Upon completion of AUTO A4, the student should be able to obtain and interpret powertrain data related to the steering and suspension system.

AUTOA5 - Brakes

- Upon completion of AUTO A5, the student should be able to apply brakes repair safety precautions.
- Upon completion of AUTO A5, the student should be able to obtain and interpret powertrain data related to the brake system.

AUTOA6 - Electrical/ Electronic Systems

- Upon completion of AUTO A6, the student should be able to apply electrical precautions.
- Upon completion of AUTO A6, the student should be able to obtain and interpret data related to the electrical system

AUTOA7 - Auto Heating-Air Conditioning

- Upon completion of AUTO A7, the student should be able to read and interpret HVAC gauges.

AUTOA8 - Engine Performance

- Upon completion of AUTO A8, the student should be able to read and interpret scanner data.

AUTOINTR - Auto Service & Introduction

- Upon completion of AUTO INTR, the student should be able to, recognize and apply shop safety precautions.

AUTOL1 - Advanced Engine Performance

- Upon completion of AUTO L1, the student should be able to diagnose engine driveability problems using a scanner and multimeter.

AUTOL1L2 - Smog Level One and Level Two

- Upon completion of AUTO L1L2, the student should be able to perform an OIS test.
- Upon completion of AUTO L1L2, the student should be able to, obtain and interpret powertrain data.

AUTOL3 - Light Duty Hybrid/Electric Ve.

- Upon completion of AUTO L3, the student should be able to perform hybrid safety precautions with 100% accuracy.

AUTOLABA - Automotive Lab

- Upon completion of AUTO LABA, the student should be able to apply safety in all lab conditions.
- Upon completion of AUTO LABA, the student should be able to work autonomously in a shop environment.

AUTOLABB - Automotive Lab Advanced

- Upon completion of AUTO LABB, the student should be able to complete hands on lab sessions with no instructor supervision necessary.

AUTOSDR - Specified Diagnostic & Repair

- Upon completion of AUTO SDR, student should be able to apply safety precautions in shop lab exercises.
- Upon completion of AUTO SDR, the student should be able to, obtain and interpret scan tool data.

Early Care and Education

CSLO

ECE40 - Social & Emotional Foundations

- By the end of ECE 40 students shall be able to identify personal strengths and the professional role in supporting the positive development of children's social and emotional well-being

ECE50 - Early Childhood Principles

- By the end of ECE 50 students shall be able to compare and contrast historical and current early childhood education perspectives, theories, and program types and philosophies.
- By the end of ECE 50 students shall be able to describe the role of the early childhood educator, including ethical conduct and professional pathways.
- By the end of ECE 50 students shall be able to examine a variety of observation, reflection, guidance and interaction strategies to increase children's social competence and promote a caring classroom community.
- By the end of ECE 50 students shall be able to identify the underlying theoretical perspective in forming a professional philosophy.
- By the end of ECE 50 students shall be able to identify quality in early education programs related to environment, curriculum, interactions and teaching strategies.

ECE54 - Child Health, Safety & Nutr.

- By the end of ECE 54 students shall be able to assess strategies to maximize the mental and physical health of children and adults in accordance with culturally, linguistic and developmentally sound practice.

- By the end of ECE 54 students shall be able to identify health, safety and environmental risks in children's programs.

ECE56 - Child Growth and Development

- By the end of ECE 56 students shall be able to: Apply knowledge of development and major theoretical frameworks to child observations.
- By the end of ECE 56, students shall be able to describe development of children from conception through adolescence in the physical, social, emotional and cognitive domains.
- By the end of ECE 56, students shall be able to identify cultural, economic, political and historical contexts that impact children's development.

ECE60 - Intro. Child Exceptional Needs

- By the end of ECE 60 students shall be able to explain the terminology, systems, laws and services that addresses children with exceptionalities and recommend supports for the child and their family.
- By the end of ECE 60 students shall be able to students will use observation to integrate curriculum goals and objectives across developmental domains, content areas, and routines for children with special needs.

ECE62 - Child, Family and Community

- By the end of ECE 62 students shall be able to analyze one's own values, goals, sense of self as related to family history and life experiences, assessing how this impacts relationships with children and families.
- By the end of ECE 62 students shall be able to apply understanding of the foundational role of primary relationships and cultural differences in childrearing practices to create a culturally and linguistically appropriate learning environment.
- By the end of ECE 62 students shall be able to recognize the influence of cultural perspectives on human thought and behavior

ECE63 - Early Childhood Curriculum

- By the end of ECE 63 students shall design and implement developmentally appropriate inclusive curriculum based on observation and assessment of young children to support play and learning in all developmental domains.
- By the end of ECE 63 students shall be able to apply theories of children's learning and development to key curricular content areas, through documentation and evaluation of curriculum.
- By the end of ECE 63 students shall use reflective practices to evaluate the effectiveness of early childhood curriculum, classrooms, and teaching strategies.

ECE65 - Administration I: Programs

- By the end of ECE 65, students shall be able to apply administration skills in various types of early care and education programs.
- By the end of ECE 65, students shall be able to demonstrate knowledge of strategic and fiscal planning.
- By the end of ECE 65, students shall be able to evaluate components of quality programs, facilities and operations.

ECE67 - Infant and Toddler Dev.

- By the end of ECE 67 students shall be able to articulate responsive, reciprocal and respectful caregiving.
- By the end of ECE 67 students shall be able to intentionally design inclusive, culturally and linguistically appropriate curriculum to promote positive development for all young children, based on child development, observation and reflection.
- By the end of ECE 67 students shall be able to synthesize child development research and theories; apply principles with consideration for children's varying characteristics, needs and the multiple interacting influences on children's development.

ECE68 - Admin II: Personl & Leadership

- By the end of ECE 68 students shall be able to compare and contrast the legal requirements with the ethical aspects of directing staff in an early child development program.
- By the end of ECE 68, students shall be able to demonstrate effective practices for managing and leading staff, and administering early care and education programs.
- By the end of ECE 68, students shall be able to establish professional relationships, and facilitate collaboration and communication between colleagues, families, and stakeholders.
- By the end of ECE 68, students shall be able to implement ongoing professional development plans based on evaluation of staff and administrator needs.

ECE69 - Child Study: Observation

- By the end of ECE 69 students shall be able to complete systematic observations and assessments using a variety of data collection methods to inform environment design, interactions, and curriculum.
- By the end of ECE 69 students shall be able to describe and evaluate the characteristics, strengths, and limitations of common assessment tools with all children's developmental, cultural, and linguistic characteristics.
- By the end of ECE 69 students shall be able to discuss the role of partnerships with families and other professionals in utilizing interpretations of observational and assessment data.

ECE78 - Language Development

- By the end of ECE 78, students shall be able to describe the role of culture and environment on children's language and literacy development.

- By the end of ECE 78, students shall be able to identify specific strategies to support the language and literacy development of dual language learners.
- By the end of ECE 78, students shall be able to identify the stages of both oral and written language development in children birth to age 8.

ECE79 - Teaching in a Diverse Society

- By the end of ECE 79 students shall be able to evaluate classroom environments, materials, and approaches through an anti-bias lens for developmental, cultural, and linguistic appropriateness.
- By the end of ECE 79 students shall be able to evaluate the impact of personal experiences, biases and social identity on teaching effectiveness.
- By the end of ECE 79 students shall be able to evaluate the relationship between one's own experiences and the development of personal bias.
- By the end of ECE 79 students shall be able to identify and act upon issues of social injustice and bias that occur in classrooms.
- By the end of ECE 79 students shall be able to summarize the history and influence of systemic racism and privilege, as well as internalized privilege and oppression, on the current experiences of children and adults.

ECE83 - Adult Mentoring & Supervision

- By the end of ECE 83 students shall be able to create a professional portfolio
- By the end of ECE 83 students shall be able to demonstrate competency in communication and reflective practices when working with diverse adult populations
- By the end of ECE 83 students shall be able to students will develop a personal ECE philosophy after reviewing ECE philosophies and program approaches.
- By the end of ECE 83 students shall be able to synthesize child development research and theories; apply principles with consideration for children's varying characteristics, needs and the multiple interacting influences on children's development

ECE87 - Quality Environments Infants

- By the end of ECE 87 students will be able to demonstrate strategies to promote healthy relationships in the care and education of infants and toddlers
- By the end of ECE 87 students shall be able to evaluate infant and toddler curriculum and environments based on observation, documentation and reflection.
- By the end of ECE 87 students shall be able to summarize the essential policies and practices of quality infant and toddler programs.

ECE90 - Practicum-Supervised Exp.

- By the end of ECE 90 students shall be able to critically assess one's own teaching experiences to reflect and guide practice.

ECE91 - Adaptive Curr Exceptional Need

- By the end of ECE 91 students shall be able to students will use observation to integrate curriculum goals and objectives across developmental domains, content areas, and routines for children with special needs.

ECE95 - Work Experience

- By the end of ECE 95 students shall be able to complete and implement objectives that improves the child learning environment.
- By the end of ECE 95 students shall be able to students will demonstrate developmentally appropriate practices in their work with young children.

ECE96 - Work Experience Seminar

- By the end of ECE 96 students shall be able to utilize the code of ethics in making appropriate decisions for the children and families.

Emergency Medical Services

CSLO

EMS10 - Paramedic Theory 1

- Upon successful completion of EMS 10, the student will be able to describe the function of the Emergency Medical System and it's historical development.
- Upon successful completion of EMS 10, the student will be able to assess and discuss respiratory emergencies to successfully pass the Fisdap Airway Module Exam.
- Upon successful completion of EMS 10, the student will be able to discuss the physiology and pathophysiology of emergent medical illnesses and traumatic injuries.

EMS12 - Paramedic Laboratory 1

- Upon completion of EMS 12, the student will be able to demonstrate the successful insertion of an endotracheal tube into a simulated trachea.

- Upon completion of EMS 12, the student will be able to demonstrate the successful insertion of an intravenous catheter into a simulated vein.
- Upon completion of EMS 12, the student will be able to perform medication calculations.
- Upon successful completion of EMS 12, the student should be able to demonstrate the psychomotor skills related to medication administration, patient assessment, and airway management.
- Upon successful completion of EMS 12, the student will be able to use a variety of skills from their completed portfolio to assess a patient and carry out appropriate treatment.

EMS20 - Emergency Medical Technician

- Upon successful completion of EMS20, the student should be able to pass the Computer Based Adaptive Exam administered by the National Registry of EMT's.
- Upon successful completion of EMS 20, the student should be able to pass the National Registry of EMT Basic EMT Psychomotor examination.

EMS30 - Emergency Medical Responder

- Upon successful completion of EMS 30, the student should be able to recognize emergency medical illnesses and traumatic injuries and implement treatment at the scope of practice of Emergency Medical Responder.

EMS62 - BASIC MEDICAL TERMINOLOGY

- Upon successful completion of EMS 62, the student should be able to break down complex medical terms into simple root words and infer larger meanings through knowledge of smaller component word parts.

EMS91 - EMT - REFRESHER

- Upon successful completion of EMS 91, the student should be able to articulate the recent advances in emergency medical care within the last two years.

Fire Service Technology

CSLO

FST1 - Fire Protection Organization

- Upon completion of FST 1, the student should be able to analyze careers in fire and emergency services.
- Upon completion of FST 1, the student should be able to analyze the basic components of fire as a chemical chain reaction and the major phases of fire, and examine the main factors that influence fire spread and fire behavior.
- Upon completion of FST 1, the student should be able to compare and contrast effective management concepts for various emergency situations.
- Upon completion of FST 1, the student should be able to compare and contrast the components and development of the fire and emergency services.
- Upon completion of FST 1, the student should be able to define the role of national, state and local support organizations in fire and emergency services.
- Upon completion of FST 1, the student should be able to describe the common types of fire and emergency service facilities, equipment, and apparatus.
- Upon completion of FST 1, the student should be able to describe the importance of wellness and fitness as it relates to emergency services.
- Upon completion of FST 1, the student should be able to differentiate between fire service training and education and explain the value of higher education to the professionalization of the fire service.
- Upon completion of FST 1, the student should be able to discuss and describe the scope, purpose, and organizational structure of fire and emergency services.
- Upon completion of FST 1, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
- Upon completion of FST 1, the student should be able to identify fire protection and emergency-service careers in both the public and private sector.
- Upon completion of FST 1, the student should be able to identify the primary responsibilities of fire prevention personnel including, code enforcement, public information, and public and private protection systems.
- Upon completion of FST 1, the student should be able to illustrate and explain the history and culture of the fire service.
- Upon completion of FST 1, the student should be able to illustrate the history of the fire service and its current changing dynamics.
- Upon completion of FST 1, the student should be able to list and describe the major organizations that provide emergency response service and illustrate how they interrelate.
- Upon completion of FST 1, the student should be able to recognize the components of career preparation and goal setting.

FST2 - Firefighter Safety Survival

- Upon completion of FST 2, the student should be able to defend the need for annual medical evaluations and the establishment of physical fitness criteria for emergency services personnel throughout their careers.
- Upon completion of FST 2, the student should be able to define and describe the need for cultural and behavioral change within the emergency services relating to safety, incorporating leadership, supervision, accountability, and personal responsibility.
- Upon completion of FST 2, the student should be able to define how the concepts of risk management affect strategic and tactical decision-making.
- Upon completion of FST 2, the student should be able to describe and evaluate circumstances that might constitute an unsafe act.
- Upon completion of FST 2, the student should be able to describe how obtaining grants can support safety and survival initiatives.
- Upon completion of FST 2, the student should be able to describe the importance of public education as a critical component of life safety programs.
- Upon completion of FST 2, the student should be able to discuss how incorporating the lessons learned from investigations can support cultural change throughout the emergency services.
- Upon completion of FST 2, the student should be able to discuss the importance of fire sprinklers and code enforcement.
- Upon completion of FST 2, the student should be able to explain how the increase in violent incidents impacts safety for emergency services personnel when responding to emergency scenes.
- Upon completion of FST 2, the student should be able to explain the concept of empowering all emergency services personnel to stop unsafe acts.
- Upon completion of FST 2, the student should be able to explain the importance of investigating all near-misses, injuries, and fatalities.
- Upon completion of FST 2, the student should be able to explain the importance of safety in the design of apparatus and equipment.
- Upon completion of FST 2, the student should be able to explain the need for enhancements of personal and organizational accountability for health and safety.
- Upon completion of FST 2, the student should be able to explain the vital role of local departments in national research and data collection systems.
- Upon completion of FST 2, the student should be able to formulate an awareness of how adopting standardized policies for responding to emergency scenes can minimize near-misses, injuries, and deaths.
- Upon completion of FST 2, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
- Upon completion of FST 2, the student should be able to illustrate how technological advancements can produce higher levels of emergency services safety and survival.
- Upon completion of FST 2, the student should be able to recognize the need for counseling and psychological support for emergency services personnel and their families, as well as identify access to local resources and services.
- Upon completion of FST 2, the student should be able to validate the need for national training standards as they coorelate to professional development inclusive of qualifications, certifications, and re-certifications.

FST3 - Fire Behavior and Combustion

- Upon completion of FST 3, the student should be able to articulate other suppression agents and strategies.
- Upon completion of FST 3, the student should be able to categorize the components of fire.
- Upon completion of FST 3, the student should be able to compare other methods and techniques of fire extinguishments.
- Upon completion of FST 3, the student should be able to define and use basic terms and concepts associated with the chemistry and dynamics of fire.
- Upon completion of FST 3, the student should be able to demonstrate knowledge of the characteristics of fire suppression agents and strategies.
- Upon completion of FST 3, the student should be able to demonstrate knowledge of the characteristics of water as a fire suppression agent.
- Upon completion of FST 3, the student should be able to describe and apply the process of burning.
- Upon completion of FST 3, the student should be able to discuss various materials and their relationship to fires as fuel.
- Upon completion of FST 3, the student should be able to explain the physical and chemical properties of fire.
- Upon completion of FST 3, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
- Upon completion of FST 3, the student should be able to identify physical properties of the three states of matter.
- Upon completion of FST 3, the student should be able to identify the basic theories of fire behavior and combustion as they relate to Class A, B, C, D and K types of fires.

FST4 - Fire Prevention Technology

- Upon completion of FST 4, the student should be able to define laws, rules, regulations, and codes and identify those relevant to fire prevention of the authority having jurisdiction.

- Upon completion of FST 4, the student should be able to define the functions of a fire prevention bureau.
- Upon completion of FST 4, the student should be able to define the national fire problem and role of fire prevention.
- Upon completion of FST 4, the student should be able to describe inspection practices and procedures.
- Upon completion of FST 4, the student should be able to describe the history and philosophy of fire prevention.
- Upon completion of FST 4, the student should be able to identify and describe fire prevention organizations and associations.
- Upon completion of FST 4, the student should be able to identify and describe the standards for professional qualifications for Fire Marshal, Plans Examiner, Fire Inspector, Fire and Life Safety Educator, and Fire Investigator.
- Upon completion of FST 4, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
- Upon completion of FST 4, the student should be able to list opportunities in professional development for fire prevention personnel.

FST5 - Fire Protection Equip and Sys

- Upon completion of FST 5, the student should be able to describe the basic elements of a public water supply system including sources, distribution networks, piping, and hydrants.
- Upon completion of FST 5, the student should be able to describe the hazards of smoke and fire, and list the factors that can influence smoke movement in a building.
- Upon completion of FST 5, the student should be able to discuss the appropriate application of fire protection systems.
- Upon completion of FST 5, the student should be able to explain the basic components of a fire alarm system.
- Upon completion of FST 5, the student should be able to explain the benefits of fire protection systems in various types of structures.
- Upon completion of FST 5, the student should be able to explain the operation and appropriate application for the different types of portable fire protection systems.
- Upon completion of FST 5, the student should be able to explain why water is a commonly used extinguishing agent.
- Upon completion of FST 5, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
- Upon completion of FST 5, the student should be able to identify the different types and components of sprinkler, standpipe, and foam systems.

- Upon completion of FST 5, the student should be able to identify the different types of detectors and explain how they detect fire.
- Upon completion of FST 5, the student should be able to identify the different types of non-water based fire suppression systems.
- Upon completion of FST 5, the student should be able to identify the different types, uses, and benefits of fire protection systems found in various types of structures.
- Upon completion of FST 5, the student should be able to review residential and commercial sprinkler legislation.

FST6 - Bldg. Construction Fire Pro.

- Upon completion of FST 6, the student should be able to analyze the hazards and tactical considerations associated with the various types of building construction.
- Upon completion of FST 6, the student should be able to classify major types of building construction in accordance with a local/model building code.

- Upon completion of FST 6, the student should be able to classify occupancy designation of a building code.
- Upon completion of FST 6, the student should be able to describe building construction as it relates to firefighter safety, building codes, fire prevention, code inspection, and firefighting strategy and tactics.
- Upon completion of FST 6, the student should be able to differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
- Upon completion of FST 6, the student should be able to explain the different loads and stresses that are placed on a building and their interrelationships.

- Upon completion of FST 6, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
- Upon completion of FST 6, the student should be able to identify the function of each principle structural component in typical building design.

- Upon completion of FST 6, the student should be able to identify the indicators of potential structural failure as they relate to firefighter safety.

- Upon completion of FST 6, the student should be able to identify the role of GIS as it relates to building construction.

FST11 - ARTP Firefighter I Academy

- Upon completion of FST 11, the student should be able to analyze emergency and hazardous conditions that are inherent to the firefighting profession.

- Upon completion of FST 11, the student should be able to demonstrate the use of tools and equipment inherent to structural firefighting, wildland firefighting, and hazardous materials industry.
- Upon completion of FST 11, the student should be able to demonstrate written and verbal communication skills required for entry-level firefighter positions.
- Upon completion of FST 11, the student should be able to perform skills that meet National Fire Protection Association Standard 1001 for Fire Fighter and California State Fire Marshal Standards for Fire Fighter 1.

FST51 - Fire Service Operations

- Upon completion of FST 51, the student should be able to demonstrate an understanding of Public Safety dispatch/alarm systems and identify ways emergency calls come into the center, and reach the fire fighter.
- Upon completion of FST 51, the student should be able to describe the components of a fire ground size up and explain where they would be used.
- Upon completion of FST 51, the student should be able to identify the components of a management system, and give examples of where they are used in the fire service.

Global Studies

CSLO

GS1 - Introduction to Global Studies

- Upon completion of GS 1, the students should be able to analyze a current event using a variety of international news sources.
- Upon completion of GS 1, the students should be able to apply world systems theory to explain global phenomena.
- Upon completion of GS 1, the students should be able to identify concrete examples of the various ways that culture is globalized.
- Upon completion of GS 1, the students should be able to produce an academic document which connects sociological research methods to globalization theory.

GS2 - Global Issues

- Upon completion of GS 2, students will be able to describe how global issues are often narrowly understood in terms of a nation's domestic interests but must also be understood transnationally.
- Upon completion of GS 2, students will be able to research and analyze the causes of a global issue, providing an assessment of the best ideas on how to solve it.

History

CSLO

HIST1 - Western Civilization to 1600

- Upon successful completion of History 1, students should be able to identify the major cultural developments in Western Civilization before 1600
- Upon successful completion of History 1, students should be able to identify the major economic developments in Western Civilization before 1600
- Upon successful completion of History 1, students should be able to identify the major political developments in Western Civilization before 1600
- Upon successful completion of History 1, students should be able to identify the major social developments in Western Civilization before 1600
- Upon successful completion of History 1, students should be able to use historical sources and critical reasoning to explain/resolve historical problems.

HIST2 - Western Civilization Since 1600

- Upon successful completion of History 2, students should be able to identify the major cultural developments in Western Civilization after 1600
- Upon successful completion of History 2, students should be able to identify the major economic developments in Western Civilization after 1600
- Upon successful completion of History 2, students should be able to identify the major political developments in Western Civilization after 1600
- Upon successful completion of History 2, students should be able to identify the major social developments in Western Civilization after 1600.
- Upon successful completion of History 2, students should be able to locate, interpret, and analyze various types of historical sources.

HIST7 - US History Through Reconstruct

- Upon the successful completion of History 7, students should be able to analyze major political trends, attitudes, conflicts, and events - including both mainstream and reform efforts - and explain their historical significance.

- Upon the successful completion of History 7, students should be able to explain America's growth in a global context.
- Upon the successful completion of History 7, students should be able to explain the major social, cultural, economic, and technological developments, their causes and effects, and their historical significance.
- Upon the successful completion of History 7, students should be able to explain U.S. History through analytical categories of race, class, gender, and ethnicity.
- Upon the successful completion of History 7, students should be able to interpret primary and secondary sources and to compose an argument which uses them, as appropriate, for support.

HIST8 - US History Post-Reconstruct

- Upon the successful completion of History 8, students should be able to analyze major political trends, attitudes, conflicts, and events - including both mainstream and reform efforts - and to explain their historical significance.
- Upon the successful completion of History 8, students should be able to explain America's growth in a global context.
- Upon the successful completion of History 8, students should be able to explain the major social, cultural, economic, and technological developments, their causes and effects, and their historical significance.
- Upon the successful completion of History 8, students should be able to explain U.S. History through analytical categories of race, class, gender, and ethnicity.
- Upon the successful completion of History 8, students should be able to interpret primary and secondary sources and to compose an argument which uses them, as appropriate, for support.

HIST14 - American Cultures of Cali.

- Locate, interpret, and analyze various types of historical sources.

HIST25 - American Indian History

- Successful completion of this course will enable students to infer kinship rules for Plains Indian societies.

HIST28 - History of American West

- Successful completion of this course will enable students to assess the impact of Western expansion on the history of the nation.

HIST32 - U.S. Womens History

- Locate, interpret, and analyze various types of historical sources
- Upon completion of History 32, students should be able to explain the significant social, cultural, and economic developments and their impact upon US women's lives.

Library Skills

CSLO

LIBR1 - Working with Sources

- Upon completion of LIBR 1, the student should be able to examine sources for characteristics that will impact its value as a research source; such as, currency, authorship, authority, relevance, bias, and purpose.
- Upon completion of LIBR 1, the student should be able to formulate citations in the appropriate format and style.
- Upon completion of LIBR 1, the student should be able to identify main ideas to be extracted from the information gathered.

LIBR4 - College Research Techniques

- Upon completion of LIBR 4 the student should be able to construct a search statement using topic relevant vocabulary in order to search with maximum effectiveness.
- Upon completion of LIBR 4 the student should be able to examine sources for characteristics that will impact its value as a research source; such as, currency, authorship, authority, relevance, bias, and purpose;
- Upon completion of LIBR 4 the student should be able to formulate citations in the appropriate format and style.

LIBR5 - College Research and Databases

- Upon completion of LIBR 5 the student should be able to construct a search statement using topic relevant vocabulary in order to search with maximum effectiveness.
- Upon completion of LIBR 5 the student should be able to examine sources for characteristics that will impact its value as a research source; such as, currency, authorship, authority, relevance, bias, and purpose.
- Upon completion of LIBR 5 the student should be able to formulate citations in the appropriate format and style.

LIBR6 - Research in Special Subjects

- Upon completion of LIBR 6 the student should be able to construct a search statement using topic relevant vocabulary in order to search with maximum effectiveness.

- Upon completion of LIBR 6 the student should be able to examine sources for characteristics that will impact its value as a research source; such as, currency, authorship, authority, relevance, bias, and purpose.
- Upon completion of LIBR 6 the student should be able to formulate citations in the appropriate format and style.

LIBR7 - The Open Web & Search Engines

- Upon completion of LIBR 7 the student should be able to construct a search statement using topic relevant vocabulary in order to search with maximum effectiveness.
- Upon completion of LIBR 7 the student should be able to examine sources for characteristics that will impact its value as a research source; such as, currency, authorship, authority, relevance, bias, and purpose.
- Upon completion of LIBR 7 the student should be able to formulate citations in the appropriate format and style.

LIBR8 - Research & Info. Literacy

- Upon completion of LIBR 8 the student should be able to construct a search statement using topic relevant vocabulary in order to search with maximum effectiveness.
- Upon completion of LIBR 8 the student should be able to examine sources for characteristics that will impact its value as a research source; such as, currency, authorship, authority, relevance, bias, and purpose.
- Upon completion of LIBR 8 the student should be able to formulate citations in the appropriate format and style.

Political Science

CSLO

POLI7 - Intro to American Government

- Upon completion of POLI 7, students should be able to explain the civil liberties and civil rights of individuals as articulated in the U.S. Constitution and federal court decisions.
- Upon completion of POLI 7, students should be able to explain the founding and development of the U.S. Constitution.
- Upon completion of POLI 7, students should be able to identify and evaluate institutions and political processes within the United State and California.

POLI12 - Intro Cal State and Local Govt

- Upon completion of POLI 12, the student will be able to demonstrate understanding of California state and local government, and intergovernmental relationships.
- Upon completion of POLI 12, the student will be able to identify, evaluate, and critically assess the various structures and processes of California government, such as its diverse populous, geography, ideologies and how these interact and affect public policy formation.
- Upon completion of POLI 12, the student will be able to show understanding of the complexity of California's governing structure(s), including how we legislate, vote, live, and decide on our collective future.

POLI25 - Intro to Political Theory

- Upon completion of POLI 25, students should be able to critically identify, evaluate and assess the efficacy of various historic and contemporary social and political philosophers and philosophies.
- Upon completion of POLI 25, students should be able to demonstrate an understanding, and an ability to apply political philosophies relating to the past, present, and future of American political thought.

POLI30 - International Relations

- Upon completion of POLI 30, students should be able to assess and analyze contemporary issues in international relations.
- Upon completion of POLI 30, students should be able to identify and evaluate relevant theoretical concepts to events.
- Upon completion of POLI 30, students should be able to identify and explain international relations theories.

Psychology

CSLO

PSYC1 - General Psychology

- By the end of the semester students in PSYC 1 should be able to apply theories, concepts and findings in psychology for self-understanding, self-improvement, and lifelong learning.
- By the end of the semester students in PSYC 1 should be able to demonstrate familiarity with the major concepts, theoretical perspectives, research methods, core empirical findings, and historic trends in psychology
- By the end of the semester students in PSYC 1 should be able to discuss the impact of diversity on psychological research, theory and application, including (but not limited to): age, race, ethnicity, culture, gender, gender identity, socio-economic status, disability, and sexual orientation

PSYC3 - Intro. to Social Psychology

- Apply theories, concepts and findings in social psychology for self-understanding, self-improvement, and lifelong learning.
- Analyze the ways in which social psychological principles and research apply to real world problems and issues.
- Demonstrate critical thinking skills and information competence as applied to topics in social psychology.
- Demonstrate familiarity with the major concepts, theoretical perspectives, research methods, and empirical findings in social psychology.

PSYC4 - Brain, Mind, and Behavior

- By the end of the semester students in PSYC 4 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.
- By the end of the semester students in PSYC 4 will be able to 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
- By the end of the semester students in PSYC 4 will be able to explain scientific approaches and methodologies used for the study of brain-behavior relationships.
- By the end of the semester students in PSYC 4 will be able to explain the general anatomy and physiology of the nervous system and its relationship to behavior.

PSYC6 - Abnormal Psychology

- By the end of the semester students in PSYC 6 will be able to compare and contrast the various theoretical perspectives on etiology and implications for treatment of various psychological disorders.
- By the end of the semester students in PSYC 6 will be able to define and use basic biological and psychological terminology to describe psychopathology and atypical behavior and mental processes.
- By the end of the semester students in PSYC 6 will be able to explain specific research methods and the ethical principles for the study and treatment of psychopathology.
- By the end of the semester students in PSYC 6 will be able to summarize the major disorder classifications and give concrete examples using appropriate diagnostic terminology (i.e., DSM).

PSYC10 - Psychology of Human Sexuality

- By the end of the semester students in PSYC 10 will be able to compare the variations in sexuality found across social classes, ethnic groups, and other species.
- By the end of the semester students in PSYC 10 will be able to integrate the interaction of the biological bases of human sexuality with the psychological and historical influences in our society.
- By the end of the semester students in PSYC 10 will be able to trace the development of human sexuality from childhood to old age.
- By the end of the semester students in PSYC 10 will be able to understand and apply the different psychological theories to the study of human sexual behavior.

PSYC12 - Life-Span Psychology

- By the end of the semester students in PSYC 12 will be able to analyze the ways in which psychological principles and research apply to real world problems and issues across the lifespan.
- By the end of the semester students in PSYC 12 will be able to demonstrate critical thinking skills and information competence as applied to topics in human development.
- By the end of the semester students in PSYC 12 will be able to demonstrate familiarity with the major concepts, theoretical perspectives, research methods, and empirical findings in human development.
- By the end of the semester students in PSYC 12 will be able to discuss biological, psychological, and sociocultural influences on lifespan development and the sources of developmental change.

PSYC13 - PSYCHOLOGY OF WOMEN

- By the end of the semester students in PSYC 13 will be able to analyze the ways in which the course material could be applied to real world problems and issues.
- By the end of the semester students in PSYC 13 will be able to apply theories, concepts and findings in the field of psychology of women for self-understanding, self-improvement, and lifelong learning.
- By the end of the semester students in PSYC 13 will be able to demonstrate critical thinking skills and information competence as applied to topics in the field of psychology of women.
- By the end of the semester students in PSYC 13 will be able to demonstrate familiarity with the major concepts, theoretical perspectives, research methods, and empirical findings in the field of the psychology of women.
- By the end of the semester students in PSYC 13 will be able to explain ways in which gender stereotypes, sexism, and various cultural influences affect gender-related human behavior.

PSYC15 - Abnormal Child Psychology

- By the end of the semester students in PSYC 15 will be able to analyze how cultural contexts relate to the perception, diagnosis, and treatment of problems.
- By the end of the semester students in PSYC 15 will be able to compare and contrast the major psychological, biological, and sociocultural models of mental health and contemporary methods of treatment.

- By the end of the semester students in PSYC 15 will be able to describe contemporary methods used in the evaluation, assessment, and diagnosis of children and adolescents.
- By the end of the semester students in PSYC 15 will be able to explain the major mental health disorders, cognitive disorders, and learning disabilities of childhood and adolescence.

PSYC25 - RESEARCH METHODS

- By the end of the semester students in PSYC 25 will be able to analyze the structure of scientific inquiry, including the history and philosophy of scientific investigation.
- By the end of the semester students in PSYC 25 will be able to conduct scientific research in psychology that includes reviewing scientific literature, analyzing data using descriptive and inferential statistics, interpreting results, and communicating the research in APA style.
- By the end of the semester students in PSYC 25 will be able to discuss the advantages and limitations of different research methods used in psychological research, and the importance of reliability and validity in determining research quality.
- By the end of the semester students in PSYC 25 will be able to discuss the importance of ethical principles in psychological research involving human and nonhuman animals and the historical events that led to these principles.

Sociology

CSLO

SOC1 - Principles of Sociology

- Upon completion of SOC 1, the students should be able to outline major sociological theories.
- Upon completion of SOC 1, the students should be able to apply major sociological theories to world events.
- Upon completion of SOC 1, the students should be able to outline the symbiotic relationship between culture and social structure.
- Upon completion of SOC 1, the students should be able to explain how identities such as race, gender, sexuality, and class are socially constructed.
- Upon completion of SOC 1, the students should be able to produce an academic document that connects sociological research methods to sociological theory.

SOC3 - Cultural and Racial Minorities

- 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.
- Upon completion of SOC 3, the students should be able to analyze current or historical racial and ethnic group relations using sociological theory.
- Upon completion of SOC 3, the students should be able to conduct a research assignment using a multi-model sociological approach.
- Upon completion of SOC 3, the students should be able to produce an academic document that connects sociological research methods to sociological theory.

SOC4 - Marriage and Family Relations

- Upon completion of SOC 4, the students should be able to outline multiple family theories.
- Upon completion of SOC 4, the students should be able to apply family theory to changing family structures.
- Upon completion of SOC 4, the students should be able to produce an academic document that connects sociological research methods to family theory.

SOC5 - GLOBAL CHANGE

- Upon completion of SOC 5, the students should be able to analyze a current event using a variety of international news sources.
- Upon completion of SOC 5, the students should be able to apply world systems theory to explain global phenomena.
- Upon completion of SOC 5, the students should be able to identify concrete examples of the various ways that culture is globalized.
- Upon completion of SOC 5, the students should be able to produce an academic document which connects sociological research methods to globalization theory.

SOC6 - Social Problems

- Upon completion of SOC 6, the students should be able to outline multiple sociological theories.
- Upon completion of SOC 6, the students should be able to apply sociological theory to current social problems.
- Upon completion of SOC 6, the students should be able to produce an academic document which connects sociological research methods to sociological theory.

SOC7 - Sociology of Sexuality

- Upon completion of SOC 7, the students should be able to outline major sociological theories of sexuality.

- Upon completion of SOC 7, the students should be able to apply major sociological theories of sexuality to current sexual practices.
- Upon completion of SOC 7, the students should be able to produce an academic document which connects sociological research methods to sexuality theory.

SOC11 - Sociology of Gender

- Upon completion of SOC 11, the students should be able to outline major sociological theories of gender.
- Upon completion of SOC 11, the students should be able to apply major sociological theories of gender to explain current gender practices.
- Upon completion of SOC 11, the students should be able to produce an academic document that connects sociological research methods to gender theory.

SOC12 - POPULAR CULTURE

- Upon completion of SOC 12, the students should be able to identify various theories of popular culture.
- Upon completion of SOC 12, the students should be able to outline the various processes of globalizing popular culture.
- Upon completion of SOC 12, the students should be able to outline the growing role of popular culture in the various stages of socialization.
- Upon completion of SOC 12, the students should be able to apply content analysis methodology to various popular culture mediums.
- Upon completion of SOC 12, the students should be able to identify the impact of popular culture consumption on our political processes.
- Upon completion of SOC 12, the students should be able to produce an academic document that connects sociological research to theories of popular culture.

SOC13 - RESEARCH METHODS

- Upon completion of SOC 13, the students should be able to recognize the value of sociological research in understanding the social world.
- Upon completion of SOC 13, the students should be able to assess the effectiveness of the major types of sociological research methods.
- Upon completion of SOC 13, the students should be able to critique sociological research articles and research-based media claims.
- Upon completion of SOC 13, the students should be able to understand the ethical and political issues surrounding sociological research.
- Upon completion of SOC 13, the students should be able to design an appropriate analytical approach for testing a hypothesis.
- Upon completion of SOC 13, the students should be able to produce a research proposal incorporating appropriate methods to investigate a research question.

Tutoring

CSLO

NTUT200 - Suprvsd Learn Assist-Ind Study

- Students who receive tutoring should improve their course grade as a result of tutoring.

TUTR17A - Tutoring Theory and Practice I

- Upon completion of TUTR 17A, the student should be able to demonstrate active listening and validation strategies to assess student needs.
- Upon completion of TUTR 17A, the student should be able to implement tutoring policies and procedures using tutor scheduling software.
- Upon completion of TUTR 17A, the student should be able to synthesize and formulate personalized tutoring best practices.

TUTR17B - Tutoring Theory & Practice II

- Upon completion of TUTR 17B, the student should be able to demonstrate active listening and validation strategies to assess student needs.
- Upon completion of TUTR 17B, the student should be able to implement metacognitive tutoring strategies.
- Upon completion of TUTR 17B, the student should be able to synthesize and formulate personalized tutoring best practices.

TUTR17C - Tutoring Theory & Practice III

- Upon completion of TUTR 17C, the student should be able to demonstrate active listening and validation strategies to assess student needs.
- Upon completion of TUTR 17C, the student should be able to synthesize and formulate personalized tutoring best practices.
- Upon completion of TUTR 17C, the student should be able to use multiple modalities to explain concepts to students from diverse backgrounds and with diverse learning styles.

Welding Technology

CSLO**WLDT1 - Welding Camp**

- Upon completion of WLDT 1, a student should be able to fabricate a simplistic metal project.

WLDT55 - Print Reading for Industry

- Upon completion of WLDT 55, a student should be able to identify the three primary views in an orthographic drawing.
- Upon completion of WLDT 55, a student should be able to read and interpret a detail part drawing.

WLDT61A - Beg. SMAW and FCAW Theory

- Demonstrate knowledge of welding symbols used on blueprints and technical drawings
- Identify welding electrodes used for common industrial welding processes/applications.

WLDT61AL - Beg. SMAW and FCAW Skills Lab

- Demonstrate safety awareness in the welding workplace
- Demonstrate skills required to pass AWS D1.1 - 1G limited thickness A36 steel test plate using SMAW
- Demonstrate skills required to pass an AWS D1.1 - 1G limited thickness A36 steel test plate using FCAW

WLDT61B - Adv. SMAW and FCAW Theory

- Demonstrate knowledge of the American Welding Society(AWS) Flux Core Arc Welding (FCAW) electrode numbering system
- Using the AISI Steel Numbering System, identify carbon content in steel samples

WLDT61BL - Adv. SMAW and FCAW Skills Lab

- Demonstrate safety awareness in the welding workplace
- Demonstrate skills required to pass AWS D1.1 - 3G limited thickness A36 steel test plate using FCAW
- Demonstrate skills required to pass AWS D1.1 - 3G limited thickness A36 steel test plate using SMAW

WLDT62A - Beg. GTAW and GMAW Theory

- Demonstrate knowledge of GMAW torch components
- Demonstrate knowledge of GTAW essential torch components.

WLDT62AL - Beg. GTAW and GMAW Skills Lab

- Demonstrate safety awareness in the welding workplace
- Demonstrate skills required to pass AWS D1.1 - 1G limited thickness A36 steel test plate using GMAW.
- Demonstrate skills required to pass AWS D1.1 - 1G limited thickness A36 steel test plate using GTAW.

WLDT62B - Adv. GTAW and GMAW Theory

- Demonstrate knowledge of the American Welding Society GMAW steel electrode numbering system.
- Demonstrate knowledge of the American Welding Society GTAW steel electrode color code.

WLDT62BL - Advanced GTAW/GMAW WELDING

- Demonstrate safety awareness in the welding workplace
- Demonstrate skills required to pass AWS D1.1 - 3G limited thickness A36 steel test plate using GMAW
- Demonstrate skills required to pass AWS D1.1 - 3G limited thickness A36 steel test plate using GTAW

WLDT63 - Welding Layout and Fitting

- Demonstrate safety awareness in the welding workplace
- Layout, Cut, Form, Fit, Weld a simple rectangular sheet metal box

WLDT66 - WELDING INSPECTION AND TESTING

- Demonstrate safety awareness in the welding workplace
- Demonstrate use and identify welding defects using Magnetic Particle Testing (MT)

WLDT67A - Welding Skills Lab

- Demonstrate safety awareness in the welding workplace
- Demonstrates self directed goals achievement

WLDT67B - ADVANCED WELDING SKILLS LAB

- Demonstrate safety awareness in the welding workplace
- Demonstrates achievement of self directed goals

WLDT68 - Certification Preparation

- Demonstrate safety awareness in the welding workplace
- Demonstrates self directed goals achievement

WLDT69A - Beginning Pipe Welding

- Demonstrate safety awareness in the welding workplace
- Demonstrate skills required to pass AWS D1.1 - 2G - 6" Schedule 40 carbon steel pipe welding test with ER70S GTAW root and ER7018 SMAW cover

WLDT69B - Advanced Pipe Welding

- Demonstrate safety awareness in the welding workplace
- Demonstrate skills required to pass AWS D1.1 - 5G - 6" Schedule 40 carbon steel pipe welding test with ER70S GTAW root and ER7018 SMAW cover

WLDT70 - Introduction to Welding

- Demonstrate safety awareness in the welding workplace
- Identify welding electrodes used for common industrial welding processes/applications.

WLDT71 - WELDING FOR THE ARTS

- Demonstrate safety awareness in the welding workplace
- Demonstrate the ability to form a piece of metal to the desired shape based on a template
- Identify common metals used for creating metal sculpture.

WLDT72A - Beginning Laser Welding

- Upon completion of WLDT 72A, the student should be able to calculate the power density of a laser weld based on a given spot size.

WLDT79 - MANUFACTURING PROCESSES

- Produce a manufacturing traveler for a manufactured item or component.
- Provide an oral description of the processes used to make a manufactured item.

Womens Studies

CSLO

WMST1 - Intro to Womens Studies

- Students will be able to identify the multiple types of feminism that currently exist in the United States.

WMST2 - GLOBAL PERSPECTIVE OF WOMEN

- Ability to identify transnational feminist movements.

STEM

Astronomy

CSLO

ASTR10 - The Solar System

- Upon completion of ASTR 10, students should be able to describe the ways in which scientific principles have shaped the modern world and relate to daily life.
- Upon completion of ASTR 10, students should be able to explain physical principles relevant to the solar system and its formation, as well as those relevant to the search for extrasolar planets.
- Upon completion of ASTR 10, students should be able to use quantitative reasoning to determine relationships between physical quantities

in astronomy.

ASTR20 - Stars and the Universe

- Upon completion of ASTR 20, students should be able to describe the ways in which scientific principles have shaped the modern world and relate to daily life.
- Upon completion of ASTR 20, students should be able to use quantitative reasoning to determine relationships between physical quantities in astronomy.
- Upon completion of ASTR 20, students should be able to explain physical principles relevant to light, telescopes, stars, galaxies, and cosmology.

ASTR30L - Introduction to Astronomy Lab

- Upon completion of ASTR 30L, students should be able to effectively communicate the methods, analysis, results, and conclusions of their own scientific experiments.
- Upon completion of ASTR 30L, students should be able to perform naked eye and telescopic observations of objects in the night sky.
- Upon completion of ASTR 30L, students should be able to quantitatively analyze their laboratory data, compare their results to accepted values, and evaluate the accuracy of their experiment.

Biological Sciences

CSLO

BIO1A - 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.
- Upon completion of BIO 1A, students should be able to explain and apply principles and processes of botany and ecology at different organizational levels, from the biochemical to the ecological.
- Upon completion of BIO 1A, students should be able to 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.
- Upon completion of BIO 1A, students will 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.

BIO1B - General Zoology

- Upon completion of BIO 1B, a student will gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.
- Upon completion of BIO 1B, a student should be able to conduct a research project and communicate experimental results using standard scientific methods.
- Upon completion of BIO 1B, a student should be able to explain and apply principles and processes of zoology and evolution at different organizational levels, from tissues to the ecological.
- Upon completion of BIO 1B, a student should be able to explain and demonstrate the theoretical and practical aspects of using a compound microscope to investigate structures, functions, and behaviors of unicellular eukaryotes and animal taxa.

BIO1C - Cell and Molecular Biology

- Upon completion of BIO 1C, a student should be able to conduct an independent research project, keep accurate records, analyze and draw conclusions, and communicate experimental findings in a standard format for scientific research.
- Upon completion of BIO 1C, a student should be able to explain and demonstrate the theoretical and practical aspects of using a compound microscope to study the structure and function of cells, including preparation and staining of samples for compound microscopy.
- Upon completion of BIO 1C, students should be able to explain and apply basic principles and processes of cellular and molecular biology at different levels, from the biochemical to the cellular.
- Upon completion of BIO 1C, the student will gain hands-on experience with and demonstrate proficiency in standard biological techniques, using industry-level biology laboratory equipment and/or discipline-specific computer hardware and software.

BIO7A - 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.
- Upon completion of BIO 7A, students will be able to relate structure to the function of anatomical structures and understand how a change in structure would alter function.

BIO7B - 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.
- Upon completion of BIO 7B, students will be able to evaluate physiological functions of select organ systems by interpreting graphs of physiological data and be able to solve allied-based math problems.

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

BIO7C - Microbiology

- Upon completion of BIO 7C, students will 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.
- Upon completion of BIO 7C, students will gain hands-on experience with and demonstrate proficiency in standard microbiological techniques, using industry-level laboratory equipment and/or discipline-specific computer hardware and software.
- Upon completion of BIO 7C, students will explain and demonstrate the theoretical and practical aspects of using a compound microscope to study microorganisms using the oil immersion objective lens.
- Upon completion of BIO 7C, students will 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.

BIO10 - Intro to the Science of Biol

- Upon completion of BIO 10, 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.
- Upon completion of BIO 10, students should be able to explain and apply basic principles of ecology, cellular, evolutionary, and organismal biology.
- Upon completion of BIO 10, students should be able to properly manipulate a compound microscope and demonstrate knowledge of its parts and uses.
- Upon completion of BIO 10, the student will 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.

BIO20 - 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.
- Upon completion of BIO 20, students will be able to 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.

BIO30 - Intro 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.
- Upon completion of BIO 30, students should be able to demonstrate writing proficiency on a written assignment which incorporates scientific data and/or basic principles of biology.
- Upon completion of BIO 30, students should be able to explain basic principles of biochemistry, ecology, and cellular, evolutionary, and organismal biology.
- Upon completion of BIO 30, students should be able to properly manipulate a compound microscope and demonstrate knowledge of its parts and uses.
- Upon completion of BIO 30, students should 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.

BIO40 - 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.
- Upon completion of BIO 40, students should be able to discuss environmental problems, their causes and evaluate solutions.
- Upon completion of BIO 40, students should be able to 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.

BIO50 - Anatomy and Physiology

- Upon completion of BIO 50, students will be able to list the organ systems, identify the structures of each organ system and explain their general functions.
- Upon completion of BIO 50, students will be able to research a relevant anatomical or physiological topic and communicate their findings to others, demonstrating content knowledge acquired from reliable scientific sources.

BIO55 - Orientation to Health Care

- Upon completion of BIO 55, students will be able to discuss contemporary physiological, psychological, ethical, social, and public health issues.
- Upon completion of BIO 55, students will be able to explore different health care occupations and create an educational action plan that aligns their interests, skills, and personality characteristics to a particular career path.

BIO60 - Marine Biology

- Upon completion of BIO 60, 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.

- Upon completion of BIO 60, students should be able to differentiate various marine ecosystems, compare and contrast representative marine organisms, and understand their interdependence.
- Upon completion of BIO 60, students will be able to properly manipulate a compound microscope and dissecting microscope to study marine microorganisms and internal structures of marine organisms.
- Upon completion of BIO 60, students will 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.

Chemistry

CSLO

CHEM1A - General College Chemistry I

- Students completing Chemistry 1A should be able to 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 First Term Exam.

CHEM1B - General College Chemistry II

- Students completing Chemistry 1B should be able to 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.

CHEM12A - Organic Chemistry I

- Students should be able to write detailed reaction mechanisms.

CHEM12B - Organic Chemistry II

- Students completing 12B should be able to demonstrate proficiency in solving complex problems and conceptual understanding of content listed in the course outline as measured by the American Chemical Society Organic Chemistry series exam (beginning SP2015).

CHEM30A - Intro and Applied Chemistry I

- Students completing Chemistry 30A should be able to demonstrate proficiency in solving complex problems and conceptual understanding of content listed in the course outline as measured by the comprehensive final exam.
- Students should be able to define concentration units of solutions (e.g., molarity and % concentration) and use these definitions in problem solving.

CHEM30B - Intro and Applied Chemistry II

- Students should be able to describe the functions of different types of biological molecules.

CHEM31 - Intro to College Chemistry

- Students completing Chemistry 31 should be able to demonstrate proficiency in solving complex problems and conceptual understanding of content listed in the course outline as measured by the American Chemical Society 2006 California Chemistry Diagnostic Test .

Computer Information Systems

CSLO

CIS8 - Essential Computing Skills

- Student will be able to perform basic file management tasks such as copying and moving files and folders and perform Internet searches to find specific data.
- Students will be able to apply basic formatting to Word documents, create basic Excel spreadsheets, and create PowerPoint presentations that contain text and graphics.

CIS43 - Professional Communications

- Analyze a business situation and select an appropriate approach to respond to it; use principles of routine and informative writing to create an appropriate response; apply standard business English including grammar, punctuation, and mechanics.
- Demonstrate clear, compelling, analytical, and concise writing

CIS50 - Intro to Computing Info Tech

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

CIS54 - Excel: Intro to Spreadsheets

- Upon successful completion of this course, it is anticipated that students will be able to analyze a business problem and apply appropriate Excel formulas, functions, and features to develop a solution.

CIS55 - Integrating Office Application

- It is anticipated that upon successful completion of CIS 55, students will be able to construct projects efficiently generating solutions using various workplace computer programs.
- It is anticipated that upon successful completion of CIS 55, students will be able to Use Object Linking and Embedding (OLE), to create integrated Office documents.

CIS55B - Advanced MS Office Skills

- Demonstrate the ability to create complex word processing documents using advanced text and document formatting, special functions, and save, print, and retrieve document functions.

CIS57 - Database Concepts

- At the completion of this course, a student will be able to produce a printed report based on a subset of data.
- At the completion of this course, a student will be able to query a table to create a subset of data based on a defined criteria.
- Create a table in a database; include with at least three fields using different field types.

CIS59 - Web Dev: HTML/CSS/Javascript

- Upon successful completion of this course, it is anticipated that students will be able to build web sites using Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) with the foundation skills such as: text configurations, color configuration and page layout to create Web Sites with enhanced focus on design, accessibility and Web standards.

CIS59C - Web Programming - JavaScript

- Upon completion of this class students will be able to create code using fundamental JavaScript syntax, work with the DOM, develop and debug across multiple browsers as well as take advantage of the available JavaScript libraries and Ajax.

CIS60 - Systems Analysis and Design

- At the completion of this course, a student will be able to create survey questions to identify client requirements.

CIS62 - PROJECT MANAGEMENT

- Produce a project plan to ensure successful delivery and stakeholder satisfaction

CIS65 - Intro to Desktop Operating Sys

- Upon successful completion of CIS 65, students will be able to install and configure desktop operating systems.

CIS66 - Networking Fundamentals

- Set up a home or business network.

CIS71A - Keyboarding (The Alphabet)

- Upon successful completion of CIS 71A, students will demonstrate proficiency of 30 words per minute on a 1-minute write with 1 or fewer errors.

CIS71B - Keyboard (Numbers and Symbols)

- Demonstrate accurate keyboarding input for all keys on the keyboard at the net words per minute (adjusted for errors) rate of 22 nwpm or better, apply typing technique to avoid muscle strain or injury, and demonstrate proofreading skill.

CIS71C - Skills Improvement

- Demonstrate accurate keyboarding input at the net words per minute rate that show improvement over the student's own initial benchmark keyboarding skill of 10 or more words per minute on 5 minute timed writings.

CIS72A - Data Management

- Successful completion of this course will enable students to utilize a database application to enter, edit, find, sort, and delete records and to create queries and reports, including mailing labels.

CIS72B - Basic Office Integration

- Students will be able to use spreadsheet software in document reporting and presentation and integrate spreadsheets with other software for business communication.
- Successful completion of this course will enable students to embed and link data stored in an Excel worksheet into a Word document.

CIS73A - Ten-Key Skill Development

- Successful completion of this course will enable students to key numeric data using the numeric keypad at a minimum rate of 90 strokes per minute with 98 percent accuracy.

CIS74 - Office Procedures

- Upon successful completion of CIS 74, students will be able to describe the characteristics and personal qualities that are important for administrative professionals and the importance of ethics, customer service, and teamwork in the workplace.
- Upon successful completion of CIS 74, students will show mastery of office principles and procedures including the ability to produce correctly formatted business documents, manage business records, and appropriately use email and the Internet in the workplace.

CIS75 - Office Tech./Communications

- Upon successful completion of this course, student will be able to use email systems such as Outlook to create contacts, calendar appointments, and send email messages.
- Upon successful completion of this course, students will be able to demonstrate effective and efficient telephone techniques for answer phones, taking messages, and assisting customers in a business environment.

CIS79 - MEDICAL OFFICE PROCEDURE

- Students show a mastery of medical office principles and procedures to include the importance of medical ethics in application of professional office behavior, telecommunications, scheduling appointments, office equipment, medical documents and word processing, managing medical records, banking, payroll, expense reports, petty cash, billing, recordkeeping, postal services, health insurance, coding, and utilizing the Internet for online financial services and resources.

CIS84 - Windows

- Upon successful completion of CIS 84 students will be able to perform file and folder management tasks, such as copying, moving, deleting, and renaming files and folders; launch multiple applications; and use proper shut down procedures.

CIS88A - Introduction to Microsoft Word

- Successful completion of this course will enable students to create, save, retrieve, edit and print documents in correct business formats.

CIS88B - Adv Microsoft Word

- Successful completion of CIS 88B will enable students to produce complex business documents, create tables of contents and indexes, use Word's collaboration features to share documents, and integrate data from Excel and other programs.

CIS89A - Desktop Presentation

- Successful completion of this course will enable students to design, create, and view slide show presentation.

CIS89B - Desktop Publishing

- Successful completion of this course will enable students to plan, design, create publications using Microsoft Publisher.

CIS9001 - Database Design Methodology

- Identify the steps of the database planning life cycle.

CIS9002 - DATABASE DESIGN/SQL PROG

- write SQL SELECT statements that display data from single or multiple tables

CIS9003 - Oracle: Database Prog PL/SQL

- Use PL/SQL programming constructs and conditionally control code flow (loops, control structures, and explicit cursors)

Computer Networking Technology**CSLO****CNT43 - Professional Communications**

- Analyze a business situation and select an appropriate approach to respond to it; use principles of routine and informative writing to create an appropriate response; apply standard business English including grammar, punctuation, and mechanics.
- Demonstrate clear, compelling, analytical, and concise writing

CNT50 - Intro to Desktop Operating Sys

- Upon successful completion of CNT 50, students will be able to install and configure desktop operating systems.

CNT51 - CompTIA'S A+ Cert. Comp. Tech

- Upon completion of CNT 51, it is anticipated that students will be able to install, configure, secure and troubleshoot PC/Networking/Mobile devices.
- Upon completion of CNT 51, it is anticipated that students will be able to install, configure, and troubleshoot operating systems and applications.

CNT52 - Networking Fundamentals

- Set up a home or business network.

CNT54 - WINDOWS CLIENT-MS NETWORKING

- The student will install, configure and administer a MS Windows Client computer in an enterprise network.

CNT55 - Windows Server MCSA I

- Installing, configuring and running Microsoft Windows Server.

CNT56 - Admin. Windows Server MCSA II

- Install and configure a DHCP, DNS, WINS and Web server. Applying network security protocols, Public Key Infrastructure (PKI), Internet Protocol Security (IPSec), and remote access.

CNT57 - MS Server Adv.Serv. MCSA III

- Upon completion for CNT 57, it is anticipated that students will be able to configure advanced Active Directory services.
- Upon completion of CNT 57, it is anticipated that students will be able to configure advanced business continuity and availability services
- Upon completion of CNT 57, it is anticipated that students will be able to configure advanced network and server services

CNT68 - Intro to Computer Forensics

- Image and examine evidence in a forensically sound manner

CNT69 - Network Security; CompTIA

- Evaluate network security risks and responses

CNT7285 - Cloud Infrastructure & Services

- Upon successful completion of CNT 7285, students will be able to identify and differentiate various infrastructure components of classic and virtualized data center.

CNT7401 - Intro to Linux/LPI Linux Cert.

- Apply basic shell programming, including text manipulations, file I/O and typical Linux/UNIX utility programs.
- Create Linux desktop installation specifications
- Develop detailed design specifications for a substantive application, including major subsystems and interfaces.

CNT7501 - Ethical Hacking

- Report network security analysis observations

CNT7701 - Virtualization: VMware, Hyper-

- Upon successful completion of CNT 7701, students will be able to configure and manage VMware ESX networking and storage using vCenter Server.

CNT8001 - Intro. to Networks (CCNA1)

- Upon successful completion of CNT 8001, students will be able to build a simple Ethernet network using routers and switches.

CNT8002 - Routing and Switching (CCNA2)

- Upon successful completion of CNT 8002, students will be able to configure and set-up static routing.
- Upon successful completion of CNT 8002, students will be able to implement VLAN and VLAN routing.

Computer Science

CSLO

CS1 - Computing Fundamentals I

- Demonstrate understanding of fundamental syntax and control structures - including variables, arithmetic statements, if statements and loops.
- Explain and implement programmer-defined functions in C++.

CS2 - Computing Fundamentals II

- Create and use overloaded functions and operators in C++, including friend functions.
- Design and implement programmer-created C++ classes, using encapsulation and inheritance.

CS7 - Intro to Computer Programming

- Explain and implement programmer-defined functions in Python

CS16 - Mobile App.Development- iPhone

- Create several Objective C / Cocoa Touch programs of moderate to substantial complexity.
- Explain and use fundamental Objective C concepts and syntax elements, including classes and objects, properties, strings, arrays and dictionaries.

CS17 - Discrete Math Structures

- Upon completion of CS 17, a student should be able to determine whether a relation is an equivalence relation.
- Upon completion of CS 17, a student should be able to create an undirected graph that represents the network of objects in a set and find a minimum spanning tree for the graph.
- Upon completion of CS 17, a student should be able to use mathematical reasoning and counting techniques to correctly enumerate the number of ways in which a specified event can occur.

- Upon completion of CS 17, a student should be able to write a coherent formal proof using mathematical induction.

CS18 - Mobile Application Dev.Android

- Upon successful completion of CS 18, students will be able to create Android/Java-based Touch programs of moderate to substantial complexity.
- Upon successful completion of CS 18, students will be able to explain and use fundamental Java/Android concepts and syntax elements, including classes and objects, properties, strings, arrays and ArrayLists to contain user information/data.

CS20 - Adv Prog w/Data Structures/C++

- Demonstrate understanding of fundamental syntax and control structures - including variables, arithmetic statements, if statements and loops.
- Implement programs using linked lists, stacks, queues and binary trees, including implementations using the Standard Template Library.
- Interpret and implement code using typical forms of recursion.

CS21 - Assembly Language Programming

- Implement the assembly equivalent of while loops, for loops and switch statements.
- Interpret and apply the machine representation of integers, characters, strings and floating point (e.g., IEEE format) numbers.

CS31 - Java Programming

- Create and use programmer-defined functions in Java.

CS41 - Intro to Linux/LPI Linux+ Cert

- Apply basic shell programming, including text manipulations, file I/O and typical Linux/UNIX utility programs.
- Develop detailed design specifications for a substantive application, including major subsystems and interfaces.

CS43 - Professional Communications

- Analyze a business situation and select an appropriate approach to respond to it; use principles of routine and informative writing to create an appropriate response; apply standard business English including grammar, punctuation, and mechanics.
- Demonstrate clear, compelling, analytical, and concise writing

CS45 - Database Programming

- Upon successful completion of CS 45, students will be able to convert business rules into a database design to support such rules.
- Upon successful completion of CS 45, students will be able to develop applications using both relational and non-relational (no-sql) database systems.
- Upon successful completion of CS 45, students will be able to implement a data model on both local and server-based RDBMS systems.

CS47 - Capstone Project

- Develop detailed design specifications for a substantive application, including major subsystems and interfaces.

Engineering

CSLO

ENGR10 - Introduction to Engineering

- Demonstrate knowledge of the Engineering Transfer Process, from LPC to a 4-year university Engineering program
- Upon completion of ENGR 10, students will be able to demonstrate an understanding of Microsoft Excel spreadsheet skills used in Engineering applications
- Upon completion of ENGR 10, students will be able to design and demonstrate a solution, using the engineering design process, to an engineering design problem
- Upon completion of ENGR 10, students will be able to identify and differentiate between the different engineering branches, based on worded-descriptions of each branch.

ENGR22 - Engineering Design Graphics

- Apply dimensions to describe relative size of features and hole placement.

ENGR25 - Comp Methods Engineer/ Science

- Analyze and Model an engineering problem with Matlab, using vector inputs and outputs
- Correctly identify and calculate output values in Matlab programming language, with emphasis on syntax
- Demonstrate an understanding of the use of Microsoft Excel in solving problems using numerical methods

- Demonstrate effective creation and calling of Function files, including passing variables to a function, within Matlab
- Demonstrate the ability to generate graphs (charts) with MS Excel

ENGR35 - Statics

- Demonstrate the ability to construct accurate Free Body Diagrams
- Develop analysis methods to examine force systems acting on engineering structures in static equilibrium.
- Evaluate the constraining reactions needed to maintain static equilibrium on two- and three-dimensional rigid bodies acted on by force systems.
- Upon completion of ENGR 35, students will be able to analyze a force and resolve it into x- and y-components using trigonometry
- Upon completion of ENGR 35, students will be able to analyze and create internal distribution shear force and bending moment diagrams for beam loading.

ENGR37 - Applied Statics and Materials

- Demonstrate the ability to construct accurate Free Body Diagrams

ENGR44 - Intro to Circuit Analysis

- Demonstrate the ability to analyze a 2nd-order RLC electrical circuit, including analysis of damping type and boundary conditions.
- Students will analyze and demonstrate understanding of the electrical behavior of first and second order DC circuits, using various circuit analysis techniques.
- Upon completion of ENGR 44, students will be able to demonstrate their ability to analyze a 1st-order RL or RC electrical circuit, including analysis of boundary conditions.
- Utilize circuit simulation software to analyze electrical circuits.
- While working in groups, utilize electronic equipment to physically measure and analyze electrical circuits.

ENGR46 - Materials of Engineering

- Defining Materials terms by matching term with appropriate worded description
- Demonstrate the ability to operate materials testing equipment to generate the necessary data to formulate the properties of material tested.
- Identify the five different classifications for Engineering Materials.
- Recommend appropriate material(s) to meet engineering design criteria based on the materials' properties and performance.
- Upon completion of ENGR 46, students will be able to identify the 5 different classes of engineering materials, and provide specific examples for each class.

Environmental Studies

CSLO

EVST5 - ENERGY AND SUSTAINABILITY

- Students must be able to perform and analyze a home Energy Audit.

Geography

CSLO

GEOG1 - Intro to Physical Geography

- Upon completion of GEOG 1, students will be able to understand the difference between divergent, convergent and transform plate boundaries.
- Upon completion of GEOG 1, students will be able to understand the global wind patterns and how they form
- Upon completion of GEOG 1, students will be able to understand the reasons why the seasons change.

GEOG1L - Intro. Physical Geography Lab

- Upon completion of GEOG 1L, students will be able to diagram and identify (explain) earth / sun relations).
- Upon completion of GEOG 1L, students will be able to identify major climate controls and be able to explain why certain climates are located where they are.
- Upon completion of GEOG 1L, students will be able to locate plate boundaries based on the type of tectonic activity and be able to explain why they are located where they are.

GEOG2 - Cultural Geography

- Upon completion of GEOG 2, students will be able to define, describe and explain the Multi-Nuclei model or urban development.
- Upon completion of GEOG 2, students will be able to differentiate between the different types of cultural diffusion.
- Upon completion of GEOG 2, students will be able to explain the Demographic Transition Model

GEOG5 - World Regional Geography

- Upon completion of GEOG 5, students will be able to locate and label on a map different cities of the world as discussed in class.
- Upon completion of GEOG 5, students will be able to locate and label on a map different rivers and landforms of the world as discussed in class.
- Upon completion of GEOG 5, students will be able to locate and label on a map the different countries of the world as discussed in class

GEOG8 - Intro to Atmospheric Science

- Upon completion of GEOG 8 students will be able to define and describe the climates of the world as defined by Koppen.
- Upon completion of GEOG 8, students will be able to define different type of fronts and use these fronts on the map to predict the weather for a specific area.
- Upon completion of GEOG 8, students will be able to identify and describe the differences between stable and unstable air and give the expected weather characteristics.

GEOG12 - Geography of California

- Upon completion of GEOG 12, students will be able to identify different California cities, rivers, landforms on a blank map.
- Upon completion of GEOG 12, students will be able to identify different canals in California and state if they are federal, state or privately controlled.
- Upon completion of GEOG 12, students will be able to identify the different climates that exist in California.

GEOG15 - Introduction to GIS

- Successful completion of GEOG 15 will allow the student to produce a printed map which demonstrates the basic concepts of cartographic design.

Geology

CSLO

GEOL1 - Physical Geology

- Upon completion of Geology 1, students will be able to define and identify the geology of divergent, convergent and transform plate tectonic environments.
- Upon completion of Geology 1, students will be able to identify and define the basic properties of minerals.
- Upon completion of Geology 1, students will be able to identify and differentiate the basic ages of the Geologic Time Scale.

GEOL1L - Physical Geology Laboratory

- Upon completion of Geology 1 laboratory, students will be able to evaluate and differentiate mineral samples
- Upon completion of Geology 1 laboratory, students will be able to evaluate and differentiate rock samples
- Upon completion of Geology 1 laboratory, students will be able to evaluate and interpret geologic diagrams encapsulating geologic histories.

GEOL5 - ENVIRON.GEOL:HAZARDS/DISASTERS

- Upon completion of Geology 5, students will be able to define and identify the geology of divergent, convergent and transform plate tectonic environments.
- Upon completion of Geology 5, students will be able to identify and/or explain the fundamentals of stream systems, including flooding.
- Upon completion of Geology 5, students will be able to identify and/or explain volcanic geohazards.

GEOL7 - ENVI GEOL:RESC/USE IMPACT/POLL

- Upon completion of Geology 7, students will be able to define and identify the geology of divergent, convergent and transform plate tectonic environments.
- Upon completion of Geology 7, students will be able to identify and differentiate the various types of fossil fuels.
- Upon completion of Geology 7, students will be able to identify and/or evaluate the various methods of groundwater pollution.

GEOL12 - Introduction to Oceanography

- Upon completion of Geology 12, students will be able to analyze, differentiate and/or identify the basic marine life habitats.

- Upon completion of Geology 12, students will be able to define and identify the geology of divergent, convergent and transform plate tectonic environments.
- Upon completion of Geology 12, students will be able to identify and differentiate basic marine geomorphologies (e.g., seamounts, guyots, continental shelf, submarine canyons, etc.)

GEOL12L - Intro to Oceanography Lab

- Upon completion of Geology 12 laboratory, students will be able to construct bathymetric contours
- Upon completion of Geology 12 laboratory, students will be able to evaluate (test and identify) sea floor samples
- Upon completion of Geology 12 laboratory, students will be able to interpret bathymetric maps

Horticulture

CSLO

HORT50 - Introduction to Horticulture

- Student should demonstrate a clear understanding of the photosynthetic process
- The student will be able to propagate a plant by taking a cutting.
- The student will be able to propagate plants by properly germinating seeds.

HORT51 - FALL PLANT MATERIAL ID

- Upon completion of HORT 51, the student will be able to choose appropriate plants based on their climatic needs.
- Upon completion of HORT 51, the student will be able to identify Fall landscape plants by their botanical and common names.
- Upon completion of HORT 51, the student will be able to select the proper care and maintenance of landscape plants.

HORT53 - Integrated Pest Management

- Student will be able to accurately identify common insect, weed pests, and plant diseases

HORT54 - Landscape and Vineyard Soils

- Student will demonstrate knowledge of soil amendments, soil substitutes, their use and application

HORT55 - Horticulture Mgmt & Operations

- Student will be able to accurately describe the various specialties within the nursery industry
- The student will be able to successfully grow, merchandise and sell plants.

HORT56 - Arboriculture Urban Forestry

- Upon completion of HORT 56, the student will be able to research a tree assessment/survey and extract the knowledge contained therein to make sound tree maintenance decisions.
- Upon completion of HORT 56, the student will be able to safely demonstrate the proper, safe use and application of tools and equipment used specifically for arboriculture.
- Upon completion of HORT 56, the student will be able to understand how good quality nursery trees are selected and trained.

HORT58 - Landscape Construction

- Upon completion of HORT 58, the student will be able to demonstrate knowledge of landscape design and plan reading.
- Upon completion of HORT 58, the student will be able to demonstrate understanding of basic landscape construction techniques.
- Upon completion of HORT 58, the student will be able to utilize construction materials, tools, and equipment safely.

HORT59 - Landscape Design

- Student will be able to demonstrate graphics drawing skills for landscape architectural design

HORT60 - Landscape Irrigation Systems

- Upon completion of HORT 60, the student will be able to identify and install landscape irrigation components.
- Upon completion of HORT 60, the student will be able to read and prepare a landscape irrigation plan.
- Upon completion of HORT 60, the student will be able to repair common irrigation malfunctions.

HORT62 - CALIF NATIVE & DRY LANDSCAPES

- Upon completion of HORT 62, the student will be able to identify California Native and drought tolerant plants by their botanical and common names.

- Upon completion of HORT 62, the student will be able to identify principles and components of a drip irrigation system.
- Upon completion of HORT 62, the student will be able to prepare a basic plan for a drought tolerant landscape.

HORT63 - SUSTAINABLE LANDSCAPE

- Upon completion of HORT 63, the student will be able to demonstrate knowledge of design and construction principles employed in sustainable landscaping.
- Upon completion of HORT 63, the student will be able to demonstrate understanding of landscape ecosystems.
- Upon completion of HORT 63, the student will be able to understand and utilize sustainable maintenance procedures.

HORT67 - Interior Plantscapes

- Upon completion of HORT 67 the student should be able to identify the interior plants used on the CCNPRO, California Certified Nursery Professional, exam
- Upon completion of HORT 67 the student should be able to propagate interior plants using various propagation techniques.
- Upon completion of Hort 67 the student should be able to understand the physiological and psychological benefit of interior plants.

Math

CSLO

MATH1 - 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.
- Upon completion of Math 1, a student should be able to evaluate and interpret a definite integral.
- Upon completion of Math 1, a student should be able to integrate a function involving a u-substitution.
- Upon completion of Math 1, a student should be able to find the roots of a function using Newton's method.
- Upon completion of Math 1, a student should be able to find the volume of a solid of revolution using washers or shells.

MATH2 - Calculus II

- Upon completion of Math 2, a student should be able to determine an arc length using parametric equations.
- Upon completion of Math 2, a student should be able to determine the interval of convergence for a power series.
- Upon completion of Math 2, a student should be able to evaluate an integral using a power series representation.
- Upon completion of Math 2, a student should be able to integrate a function using a partial fraction expansion.
- Upon completion of Math 2, a student should be able to numerically evaluate an integral using Simpson's Rule and determine the error.

MATH3 - Multivariable Calculus

- Upon completion of Math 3, a student should be able to evaluate a surface integral.
- Upon completion of Math 3, a student should be able to evaluating a surface integral for vector functions using parameterization of the surface or using the Divergence theorem.
- Upon completion of Math 3, a student should be able to interpret directional derivatives, including the gradient.
- Upon completion of Math 3, a student should be able to solve an optimization problem by using the method of LaGrange multipliers.

MATH5 - Ordinary Differential Equation

- Upon completion of Math 5, a student should be able to construct and interpret the solution of a mass-spring system.
- Upon completion of Math 5, a student should be able to model an RLC using differential equations.
- Upon completion of Math 5, a student should be able to use a 4th order Runge-Kutta algorithm to solve an equation numerically.
- Upon completion of Math 5, a student should be able to use the method of Laplace transforms to solve differential equation.

MATH7 - 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.
- Upon completion of Math 7, a student should be able to diagonalize a matrix.
- Upon completion of Math 7, a student should be able to set up a system of Linear Equations to represent a network and then solve the system.
- Upon completion of Math 7, a student should be able to use software to solve a least squares problem.

MATH10 - Discrete Mathematics

- Upon completion of Math 10, a student should be able to create an undirected graph that represents the network of objects in a set and find a minimum spanning tree for the graph.
- Upon completion of Math 10, a student should be able to determine whether a relation is an equivalence relation.
- Upon completion of Math 10, a student should be able to use mathematical reasoning and counting techniques to correctly enumerate the number of ways in which a specified event can occur.
- Upon completion of Math 10, a student should be able to write a coherent formal proof using mathematical induction.

MATH30 - College Algebra for STEM

- Upon completion of Math 30, a student should be able to find all of the zeros of a polynomial function.
- Upon completion of Math 30, a student should be able to find extrema and zeros using a graphing calculator and/or other technology.
- Upon completion of Math 30, a student should be able to graph and identify the main features of a rational function without using a graphing utility.
- Upon completion of Math 30, a student should be able to model a problem using exponential growth or decay.

MATH33 - Finite Mathematics

- Upon completion of Math 33, a student should be able to find the probability of an event and explain the meaning of the value found.
- Upon completion of Math 33, a student should be able to model an applied problem by writing a system of linear inequalities or equalities.
- Upon completion of Math 33, a student should be able to solve a system of linear equations in matrix form by hand (without using a calculator).
- Upon completion of Math 33, a student should be able to use the financial functions on a graphing calculator to answer questions about loans or annuities.
- Upon completion of Math 33, a student should be able to write a system of linear equations and inequalities that represent the relationships between the quantities in a linear programming problem and represent the solution graphically and verbally.

MATH34 - Calc for Bus and Soc Sciences

- Upon completion of Math 34, a student should be able to calculate the marginal cost, marginal profit, and marginal revenue and discuss their meaning in the context of an applied problem.
- Upon completion of Math 34, a student should be able to evaluate a definite or indefinite integral symbolically by hand using the technique of substitution.
- Upon completion of Math 34, a student should be able to graph an elementary function by hand using the 1st and 2nd derivatives.
- Upon completion of Math 34, a student should be able to solve an amortization problem involving the use of a calculator.
- Upon completion of Math 34, a student should be able to write a differential equation that models an applied problem.

MATH38 - Trigonometry with Geometry

- Upon completion of Math 38, a student should be able to identify and describe the period, amplitude and phase shift of a sine or cosine function.
- Upon completion of Math 38, a student should be able to solve a trigonometric equation using factoring and identities.
- Upon completion of Math 38, a student should be able to solve an application problem using law of sines.

MATH39 - 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.
- Upon completion of Math 39, a student should be able to identify and describe the period, amplitude and phase shift of a sine or cosine function.
- Upon completion of Math 39, a student should be able to solve a trigonometric equation that does not involve any of the standard angles as solutions, making usage of a calculator necessary.
- Upon completion of Math 39, a student should be able to solve a trigonometric equation using factoring and identities.
- Upon completion of Math 39, a student should be able to solve an application problem using law of sines or law of cosines.

MATH40 - 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.
- Upon completion of Math 40, a student should be able to 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.
- Upon completion of Math 40, a student should be able to perform the steps for a hypothesis test about a single population parameter and interpret the result.
- Upon completion of Math 40, a student should be able to solve an application problem using the central limit theorem.

- Upon completion of Math 40, a student should be able to use a computer program to make a graph of categorical data.

MATH47 - 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.
- Upon completion of Math 47, a student should be able to find the probability of an event and explain the meaning of the value found.
- Upon completion of Math 47, a student should be able to solve a financial problem involving amortization.
- Upon completion of Math 47, a student should be able to translate a statement into symbolic logic notation.

MATH50 - Core Intermediate Algebra

- Upon completion of Math 50, a student should be able to construct multiple representations of a function (numerical, graphical, or symbolic).
- Upon completion of Math 50, a student should be able to determine the domain of a function.
- Upon completion of Math 50, a student should be able to given a data set, use technology to graph a scatter plot of the data and find the line of best fit (linear regression).
- Upon completion of Math 50, a student should be able to solve and interpret an applied problem using a function.
- Upon completion of Math 50, a student should be able to write an exponential function model.

MATH51 - Algebra Bridge

- Upon completion of Math 51, a student should be able to interpret an applied problem using a function.
- Upon completion of Math 51, a student should be able to solve an applied problem using a function.

MATH52A - Tech. Inter. Algebra- Auto A

- Upon completion of Math 52A, a student should be able to solve a quadratic equation using the quadratic formula.
- Upon completion of Math 52A, a student should be able to solve an applied problem using a quadratic function.

MATH52B - Tech. Inter. Algebra- Auto B

- Upon completion of Math 52B, a student should be able to construct a linear model by using a linear regression.
- Upon completion of Math 52B, a student should be able to determine the volume of a cylinder.

MATH53A - Tech.Inter.Algebra-Welding A

- Upon completion of Math 53A, a student should be able to determine the lateral surface area of a geometric solid.
- Upon completion of Math 53A, a student should be able to solve an applied problem using triangle trigonometry.

MATH53B - Tech.Inter.Algebra-Welding B

- Upon completion of Math 53B, a student should be able to solve a quadratic equation using the quadratic formula.
- Upon completion of Math 53B, a student should be able to solve an applied problem using a quadratic function.

MATH55 - Intermediate Algebra for STEM

- Upon completion of Math 55, a student should be able to construct multiple representations of a function (numerical, graphical, or symbolic).
- Upon completion of Math 55, a student should be able to determine the domain of a function.
- Upon completion of Math 55, a student should be able to interpret the solution of an applied problem that uses a function.
- Upon completion of Math 55, a student should be able to solve an applied problem using a function.

MATH55A - Inter. Algebra For STEM A

- Upon completion of Math 55A, a student should be able to determine the domain of a function.

MATH55B - Intermediate Algebra B

- Upon completion of Math 55B, a student should be able to construct multiple representations of a function (numerical, graphical, or symbolic).
- Upon completion of Math 55B, a student should be able to interpret the solution of an applied problem that uses a function.
- Upon completion of Math 55B, a student should be able to solve an applied problem using a function.

MATH55C - Inter. Algebra Co-req Support

- Upon completion of Math 55C, a student should be able to use effective strategies to read mathematical text for understanding.

- Upon completion of Math 55C, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying his/her individual growth mindset, brain research on learning).
- Upon completion of Math 55C, a student should be able to organize and justify their mathematical thinking on Intermediate Algebra problems.
- Upon completion of Math 55C, a student should be able to use a problem-solving process to read mathematical problems with understanding, identify relevant information, define variables, execute relevant procedures and interpret results in the context of the problem.
- Upon completion of Math 55C, a student should be able to use learning strategies to identify and communicate in their own words the key concepts of Intermediate Algebra.

MATH55E - Int. Algebra A Coreq. Support

- Upon completion of Math 55E, a student should be able to communicate key concepts of Intermediate Algebra A using strategies learned in the course.
- Upon completion of Math 55E, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying their individual growth mindset, brain research on learning).
- Upon completion of Math 55E, a student should be able to justify their mathematical thinking on Intermediate Algebra A problems.
- Upon completion of Math 55E, a student should be able to use effective strategies to read mathematical texts for understanding.

MATH55F - Inter.Algebra B Co-req Support

- Upon completion of Math 55F, a student should be able to communicate key concepts of Intermediate Algebra B using strategies learned in the course.
- Upon completion of Math 55F, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying their individual growth mindset, brain research on learning).
- Upon completion of Math 55F, a student should be able to justify their mathematical thinking on Intermediate Algebra B problems.
- Upon completion of Math 55F, a student should be able to use effective strategies to read mathematical texts for understanding.

MATH72A - Tech Elementary Algebra A

- Upon completion of Math 72A, a student should be able to solve applied problems involving rates (e.g. parts per hour, threads per inch and revolutions per minute).

MATH72B - Tech. Elementary Algebra B

- Upon completion of Math 72B, a student should be able to make a table of values for linear equations with two variables.
- Upon completion of Math 72B, a student should be able to solve linear equations with one variable.

MATH72C - Tech. Elementary Algebra C

- Upon completion of Math 72C, a student should be able to perform unit conversions.
- Upon completion of Math 72C, a student should be able to solve applied problems using percentages.
- Upon completion of Math 72C, a student should be able to solve applied problems using systems of measurement.

MATH72D - Tech. Elementary Algebra D

- Upon completion of Math 72D, a student should be able to interpret the slope of a line in applied problems.
- Upon completion of Math 72D, a student should be able to solve systems of two linear equations with two variables.
- Upon completion of Math 72D, a student should be able to write linear models to solve applied problems.

MATH107 - PRE-ALGEBRA

- Upon completion of Math 107, a student should be able to interpret the results of an application in the context of the problem.
- Upon completion of Math 107, a student should be able to perform order of operations to simplify expressions involving signed integers.
- Upon completion of Math 107, a student should be able to set up and solve applications involving ratios, rates, or proportions.
- Upon completion of Math 107, a student should be able to solve an algebraic equation.
- Upon completion of Math 107, a student should be able to write a fraction in decimal form and as a percentage.

MATH107A - PRE-ALGEBRA A

- Upon completion of Math 107A, a student should be able to perform order of operations to simplify expressions involving signed integers.

MATH107B - PRE-ALGEBRA B

- Upon completion of Math 107B, a student should be able to set up and solve applications involving ratios, rates, or proportions.
- Upon completion of Math 107B, a student should be able to solve an algebraic equation.
- Upon completion of Math 107B, a student should be able to interpret the results of an application in the context of the problem.
- Upon completion of Math 107B, a student should be able to write a fraction in decimal form and as a percentage.

MATH107E - Pre-Algebra A Co. Support

- Upon completion of Math 107E, a student should be able to communicate key concepts of Pre-Algebra A using strategies learned in the course.
- Upon completion of Math 107E, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying their individual growth mindset, brain research on learning).
- Upon completion of Math 107E, a student should be able to justify their mathematical thinking on Pre-Algebra A problems.
- Upon completion of Math 107E, a student should be able to use effective strategies to read mathematical texts for understanding.

MATH107F - Pre-Algebra B Co-Req Support

- Upon completion of Math 107F, a student should be able to communicate key concepts of Pre-Algebra B using strategies learned in the course.
- Upon completion of Math 107F, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying their individual growth mindset, brain research on learning).
- Upon completion of Math 107F, a student should be able to justify their mathematical thinking on Pre-Algebra B problems.
- Upon completion of Math 107F, a student should be able to use effective strategies to read mathematical texts for understanding.

MATH110 - Elementary Algebra

- Upon completion of Math 110, a student should be able to construct a linear model based on a given situation.
- Upon completion of Math 110, a student should be able to construct multiple representations of a linear equation (numerical, graphical, or symbolic).
- Upon completion of Math 110, a student should be able to interpret the slope in the context of a problem.
- Upon completion of Math 110, a student should be able to solve a polynomial equation using factoring techniques.

MATH110A - Elementary Algebra A

- Upon completion of Math 110A, a student should be able to construct a linear model based on a given situation.
- Upon completion of Math 110A, a student should be able to construct multiple representations of a linear equation (numerical, graphical, or symbolic).
- Upon completion of Math 110A, a student should be able to interpret the slope in the context of a problem.

MATH110B - Elementary Algebra B

- Upon completion of Math 110B, a student should be able to solve a polynomial equation using factoring techniques.

MATH110C - Elemen. Algebra Coreq. Support

- Upon completion of Math 110C, a student should be able to use effective strategies to read mathematical text for understanding.
- Upon completion of Math 110C, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying his/her individual growth mindset, brain research on learning).
- Upon completion of Math 110C, a student should be able to organize and justify their mathematical thinking on Elementary Algebra problems.
- Upon completion of Math 110C, a student should be able to use a problem-solving process to read mathematical problems with understanding, identify relevant information, define variables, execute relevant procedures and interpret results in the context of the problem.
- Upon completion of Math 110C, a student should be able to use learning strategies to identify and communicate in their own words the key concepts of Elementary Algebra.

MATH110E - Ele. Algebra A Coreq. Support

- Upon completion of Math 110E, a student should be able to communicate key concepts of Beginning Algebra A using strategies learned in the course.
- Upon completion of Math 110E, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying their individual growth mindset, brain research on learning).
- Upon completion of Math 110E, a student should be able to justify their mathematical thinking on Beginning Algebra A problems.

- Upon completion of Math 110E, a student should be able to use effective strategies to read mathematical texts for understanding.

MATH110F - Elem. Algebra B Coreq Support

- Upon completion of Math 110F, a student should be able to communicate key concepts of Elementary Algebra B using strategies learned in the course.
- Upon completion of Math 110F, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying their individual growth mindset, brain research on learning).
- Upon completion of Math 110F, a student should be able to justify their mathematical thinking on Elementary Algebra B problems.

Occupational Safety and Health

CSLO

OSH50 - Intro Occupational Safety/Hlth

- Implement an injury and illness prevention program similar to the models supplied by both Federal OSHA and Cal/OSHA and evaluate the program in terms of this model.

OSH60 - Elements of Industrial Hygiene

- Recognize workplace hazards which are of Industrial Hygiene interest in a variety of workplaces.

OSH62 - Physical Hazards

- Explain and illustrate methods of control of hazards with particular reference to regulatory standards.

OSH67 - Comp Regulatory Requirements

- Students will explain the role of human factors in safety and accident prevention.

Physics

CSLO

PHYS1A - General Physics I

- Upon completion of PHYS 1A, students should be able to analyze physical situations quantitatively using Newtonian mechanics and conservation laws.
- Upon completion of PHYS 1A, students should be able to design and conduct laboratory experiments, and analyze and interpret their data.
- Upon completion of PHYS 1A, students should be able to effectively communicate the methods, analysis, results, and conclusions of their own scientific experiments.

PHYS1B - General Physics II

- Upon completion of PHYS 1B, students should be able to analyze physical situations quantitatively using principles of hydrodynamics, thermodynamics, harmonic motion, wave motion, and optics.
- Upon completion of PHYS 1B, students should be able to design and conduct laboratory experiments, and analyze and interpret their data.
- Upon completion of PHYS 1B, students should be able to effectively communicate the methods, analysis, results, and conclusions of their own scientific experiments.

PHYS1C - General Physics III

- Upon completion of PHYS 1C, students should be able to analyze physical situations quantitatively using principles of electricity and magnetism.
- Upon completion of PHYS 1C, students should be able to design and conduct laboratory experiments, and analyze and interpret their data.
- Upon completion of PHYS 1C, students should be able to effectively communicate the methods, analysis, results, and conclusions of their own scientific experiments.

PHYS1D - General Physics IV

- Upon completion of PHYS 1D, students should be able to analyze physical situations quantitatively using principles of relativity, quantum mechanics, nuclear physics, and particle physics.
- Upon completion of PHYS 1D, students should be able to design and conduct laboratory experiments, and analyze and interpret their data.
- Upon completion of PHYS 1D, students should be able to effectively communicate the methods, analysis, results, and conclusions of their own scientific experiments.

PHYS2A - Introduction to Physics I

- Upon completion of PHYS 2A, students should be able to analyze physical situations quantitatively using Newtonian mechanics, conservation laws, thermodynamics, hydrodynamics, and principles of harmonic and wave motion.

- Upon completion of PHYS 2A, students should be able to design and conduct laboratory experiments, and analyze and interpret their data.
- Upon completion of PHYS 2A, students should be able to effectively communicate the methods, analysis, results, and conclusions of their own scientific experiments.

PHYS2B - Introduction to Physics II

- Upon completion of PHYS 2B, students should be able to analyze physical situations quantitatively using principles of electricity, magnetism, relativity, quantum mechanics, nuclear physics, and particle physics.
- Upon completion of PHYS 2B, students should be able to design and conduct laboratory experiments, and analyze and interpret their data.
- Upon completion of PHYS 2B, students should be able to effectively communicate the methods, analysis, results, and conclusions of their own scientific experiments.

PHYS10 - Descriptive Physics

- Upon completion of PHYS 10, students should be able to describe the ways in which scientific principles have shaped the modern world and relate to daily life.
- Upon completion of PHYS 10, students should be able to explain fundamental physical principles in mechanics, electricity and magnetism, thermodynamics, optics, relativity, and modern physics.
- Upon completion of PHYS 10, students should be able to use quantitative reasoning to determine relationships between physical quantities.

PHYS10L - Descriptive Physics Lab

- Upon completion of PHYS 10L, students should be able to compare experimental results to accepted values and evaluate the accuracy of their experiment.
- Upon completion of PHYS 10L, students should be able to effectively communicate the methods, analysis, results, and conclusions of their own scientific experiments.
- Upon completion of PHYS 10L, students should be able to quantitatively analyze their laboratory data.

Viticulture and Winery Tech

CSLO

VWT10 - Introduction to Viticulture

- The student will be able to identify the external, structural components of a modern trellis system trained grape vine
- The student will be able to describe the seasonal appearance and physiological functions of a grapevine from "pruned" dormancy to harvest

VWT12 - Landscape and Vineyard Soils

- The student should be able to accurately describe the "capillary action" of soil
- The student should be able to accurately describe what "field capacity" is and the different ways that it can be reached.

VWT20 - Introduction to Enology

- Student will be able to explain the process of alcoholic fermentation
- The student will be able to explain the impact that oak aging can have on the organoleptic components of red and white wines

VWT25 - Sensory Analysis of Wines

- The student will be able to accurately describe a wine's qualities both objectively and subjectively and understand when each of these assessments are appropriate to apply
- The student will be able to describe the organoleptic properties of both sound and flawed wines

VWT31 - Fall Vineyard Operations

- The student will be able to identify the external, structural components of a modern trellis system trained grape vine
- The student will be able to demonstrate the skills required to correctly prune a grapevine which has been trained to spur pruning including cordon and head trained vines
- The student will demonstrate the knowledge of assessing the ripeness of grapes using multiple tools including digital and analog refractometers, a hydrometer, and by using a learned organoleptic approach

VWT32 - Spring Vineyard Operations

- The student will be able to identify the external, structural components of a modern trellis system trained grape vine
- The student will demonstrate knowledge of the multiple cultural practices that encompass vineyard floor management including, weed abatement, erosion control, burrowing pest controls and covercropping
- The student will demonstrate the skills required to improve grape quality by the seasonal spring time cultural practice of thinning buds

and shoots

VWT33 - Summer Viticulture Operations

- The student will be able to identify the external, structural components of a modern trellis system trained grape vine
- The student will be able to identify and explain the functions of the components that make up a working vineyard irrigation system including PVC piping and fittings, low voltage valves, filters, tubing, emitters and the system controller

VWT35 - Vineyard Pest & Disease Mgt

- Student will describe what a nematode is and what threats it poses to the vine (rootstock)

VWT41 - Fall Winery Operations

- Student should demonstrate a working knowledge of the fermentation process
- The student will demonstrate a working knowledge for "racking" wine

VWT42 - Winery Operations 2

- Student should demonstrate a working knowledge of the fermentation process
- The student will demonstrate proficiency at measuring and analyzing the required analysis parameters of must and wine

VWT45 - Food and Wine Pairing

- the student will be able to accurately describe a wine's qualities

VWT47 - Wine Regions/Wines of Calif

- the student will be able to accurately describe a wine's qualities

STUSVCS

Psychology Counseling

CSLO

PCN3 - Theories of Counseling: Intro

- Upon successful completion of PCN 3, the student will be able to discuss the major therapeutic interventions in counseling and how they cause behavioral change.
- Upon successful completion of PCN 3, the student will be able to explain the legal and ethical considerations and their implications in counseling.
- Upon successful completion of PCN 3, the student will be able to explain the major theories, models, and recent trends in counseling theory.

PCN10 - Career and Educ. Planning

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

PCN13 - Multicultural Issues: America

- Students will be able to explain and analyze the difference between stereotyping, prejudice, discrimination, and institutional racism.
- Students will 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.
- Students will demonstrate an understanding of the identity development theories and apply the course concepts to case studies.

PCN15 - College Study Skills

- Student will identify the neurological basis for information processing, learning, attention and memory and their connection to study and learning strategies.
- Students will describe how their organization and management of resources impact the achievement of stated goals.
- Students will develop personal outcome for focal course.
- Students will identify at least two areas of personal growth that need attention
- Students will identify their preferred learning styles and explain how they can use this information to be effective learners in classroom

settings.

- Students will identify time management techniques and explain how they can apply them in their own lives.

PCN18 - University Transfer Planning

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

PCN25 - Transition to College

- Student will develop at least a one semester abbreviated student education plan (SEP).
- Students will complete the English/Math assessments to determine their placement for English and Math classes.
- Students will demonstrate awareness of 5 campus resources.

PCN28 - Orientation for Intl. Students

- Upon completion of PCN 28, the student will be able to discuss cultural differences and cultural adjustment strategies.
- Upon completion of PCN 28, the student will be able to explain the function of the U.S. and California educational systems.
- Upon completion of PCN 28, the student will be able to identify their educational and career goals.

PCN30 - Student Success:College Exp.

- 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.
- Upon successful completion of PCN 30, students will be able to implement and develop long-range educational goals by identifying appropriate courses.
- Upon successful completion of PCN 30, students will be able to locate and access resources and services on campus that promote and improve their learning.