

Courses	Outcome Description
AFRAM 001-Introduction to African-American Studies	articulate and defend personal perspectives in a collegial and compelling manner.
AFRAM 001-Introduction to African-American Studies	Discuss contemporary issues of concern within the African American community utilizing historical perspectives.
AFRAM 001-Introduction to African-American Studies	Identify the central figures, movements, and events that have shaped the contours of the African American experience.
AFRAM 001-Introduction to African-American Studies	Synthesize the historiography of African American political, economic, and social life.
AFRAM 033-The Roots of African-American Culture	articulate and defend personal perspectives in a collegial and compelling manner
AFRAM 033-The Roots of African-American Culture	Describe the evolution and character of African American cultural expression, as well as the historical factors that have shaped its development.
AFRAM 033-The Roots of African-American Culture	explain the diversity and complexities of the African American cultural experience
AFRAM 033-The Roots of African-American Culture	Identify and describe the diversity and complexities of the African American cultural experience.
AFRAM 033-The Roots of African-American Culture	speak and write clearly and persuasively on topics related to the cultural experiences of African Americans
AFRAM 044B-African-American Culture Today: African-AmericanMusic/Art/Though	Analyze contemporary African American cultural expression through the careful interpretation of artistic, musical, and philosophical forms.
AFRAM 044B-African-American Culture Today: African-AmericanMusic/Art/Though	develop an awareness of / appreciation for the richness of African American cultural expression, and make connections between African American cultural expression and artistic forms of other cultures within the African Diaspora.
AFRAM 044B-African-American Culture Today: African-AmericanMusic/Art/Though	Identify and differentiate various African American cultural styles within a particular genre and relative to other artistic forms.
AFRAM 044B-African-American Culture Today: African-AmericanMusic/Art/Though	to articulate and defend personal perspectives in a collegial and compelling manner.
AFRAM 044B-African-American Culture Today: African-AmericanMusic/Art/Though	understand the importance of academic accountability and learn to take seriously the guidelines outlined in the course syllabus.
AFRAM 044B-African-American Culture Today: African-AmericanMusic/Art/Though	Write clearly and persuasively on topics related to the cultural experiences of African Americans.
ANTHR 001-Introduction to Physical Anthropology	Analyze hominin fossils as they shed light on human origins and evolution.
ANTHR 001-Introduction to Physical Anthropology	Compare humans with our close primate relatives.
ANTHR 001-Introduction to Physical Anthropology	Examine the process of organic evolution drawing on examples from human evolution.
ANTHR 001L-Physical Anthropology Lab	analyze biological inheritance patterns and predict the probabilities of outcomes of possible matings
ANTHR 001L-Physical Anthropology Lab	conduct original behavior observations of non-human primates
ANTHR 001L-Physical Anthropology Lab	distinguish among skeletal features of hominin fossils and discuss their evolutionary and behavioral significance
ANTHR 002-Introduction to Archaeology and Prehistory	analyze test field and laboratory techniques in archaeology
ANTHR 002-Introduction to Archaeology and Prehistory	assess the importance of cultural preservation and the relevance of archaeology to contemporary sciences
ANTHR 002-Introduction to Archaeology and Prehistory	Identify, describe, and compare and contrast significant periods of human prehistory and significant cultures and civilizations of the past
ANTHR 003-Introduction to Social and Cultural Anthropology	analyze current world events and problems from an anthropological perspective
ANTHR 003-Introduction to Social and Cultural Anthropology	compare and contrast diverse cultures using anthropological concepts and theory
ANTHR 003-Introduction to Social and Cultural Anthropology	examine other cultures in a non-ethnocentric (culturally relative) manner
ANTHR 015-Male and Female Anthropological Perspectives	Analyze current world events and problems that pertain to gender and sexuality from an anthropological perspective.
ANTHR 015-Male and Female Anthropological Perspectives	Compare and contrast gender and sexuality in diverse cultures using anthropological concepts and theory.
ANTHR 015-Male and Female Anthropological Perspectives	Compare and contrast gender and sexuality in other cultures in a non-ethnocentric (culturally relative) manner.
ANTHR 018-Introduction to Anthropological Linguistics	Describe how languages influence cultural worldview, values, mental processes, behavior, occupational stratification, and social groups.
ANTHR 018-Introduction to Anthropological Linguistics	Explain the nature and structure of human language, including its biological foundations and its universal features.
ANTHR 018-Introduction to Anthropological Linguistics	Use the methods of phonological analysis as a practical tool to describe individual languages
ANTHR 055-Native American Cultures	Compare/contrast diverse Native American cultures found in the various regions of North America.
ANTHR 055-Native American Cultures	Compare/contrast traditional non-Western Native American cultures and contemporary Western culture.
ANTHR 055-Native American Cultures	Describe effects of European contact on traditional Native American cultures.
ARAB 001A	Effectively demonstrate basic comprehension of basic Arabic language. Demonstrate oral production and understanding of basic sound and pronunciation patterns in Arabic (Arabic Sound and writing systems, present tense, imperfect tenses)
ARAB 001Aâ€“Elementary Modern Standard Arabic	Analyze issues that are relevant to the Arabic world as they are presented in class.
ARAB 001Aâ€“Elementary Modern Standard Arabic	Examine the cultural, literary, and linguistic structure, which exists in the Arabic-speaking world.
ARAB 001Aâ€“Elementary Modern Standard Arabic	Interpret Arabic-language texts according to their cultural, literary, and/or linguistic content. Practice reading simple prose.
ARAB 001Aâ€“Elementary Modern Standard Arabic	Recall and employ knowledge of Arabic grammar, vocabulary and practice communicative competence in the Arabic language. Demonstrate basic comprehension of basic Arabic language. Practice oral production and understanding of basic sounds and pronunciation patterns of Arabic.
ARAB 001Bâ€“Elementary Modern Standard Arabic	Analyze issues that are relevant to the Arabic world as they are presented in class.
ARAB 001Bâ€“Elementary Modern Standard Arabic	Examine the cultural, literary, and linguistic structure, which exists in the Arabic-speaking world.
ARAB 001Bâ€“Elementary Modern Standard Arabic	Interpret Arabic-language texts according to their cultural, literary, and/or linguistic content. Practice reading simple prose.
ARAB 001Bâ€“Elementary Modern Standard Arabic	Recall and employ knowledge of Arabic grammar, vocabulary and practice communicative competence in the Arabic language. Demonstrate basic comprehension of basic Arabic language. Practice oral production and understanding of basic sounds and pronunciation patterns of Arabic.
ART 001-Introduction to Art History	assess the value or relevance of works of art, or artists, based on a broad view of the history of art
ART 001-Introduction to Art History	describe the many possible ways of interpreting and recording the human experience
ART 001-Introduction to Art History	employ the vocabulary and terminology specific to the visual material of art and art history
ART 002	Employ the vocabulary and concepts of formal analysis specific to the visual arts and art history to the art and architecture of prehistorical through medieval art
ART 002	Identify and contextualize works of art from pre-history to the medieval period according to their formal, iconographic, and social functions.
ART 003	Employ the vocabulary and terminology specific to the visual arts and art history to at least one work of art.
ART 003	Identify and contextualize a work of art according to its formal, iconographic, and functional characteristics and compare it to other major artworks studied of the same historical period.
ART 004-History of Modern Art (1800 to Present)	compare the general formal, iconographic, and functional characteristics of the major artistic period styles from the 18th and 19th Centuries
ART 004-History of Modern Art (1800 to Present)	demonstrate openness, curiosity, and critical thinking when encountering new and challenging works of art and instances of "otherness"
ART 004-History of Modern Art (1800 to Present)	employ the basic formal analysis techniques to describe two works of art in the museum setting
ART 004-History of Modern Art (1800 to Present)	examine receptivity to modes of human and cultural expression previously excluded due to bias, personal taste, and lack of context. Examine openness, curiosity, and critical thinking when encountering new and challenging works of art and instances of "otherness"
ART 013-History of Women in Art History (19th and 20th Century)	Assess women's contribution to, exclusion from, and unique relation to art history and world culture.
ART 013-History of Women in Art History (19th and 20th Century)	Correlate particular works of art, and more importantly, broader movements in forming a work of art with history, culture, and world events impacting women artists, the portrayal of women in art, and society's changing attitudes in this realm.
ART 013-History of Women in Art History (19th and 20th Century)	Employ the vocabulary and terminology specific to the visual material of art and art history.
ART 013-History of Women in Art History (19th and 20th Century)	Evaluate contributions by the feminist movement, contemporary women artists, and shared personal investigations.
ART 014-Themes, Trends, and Traditions in World Art	Contextualize works of art from different cultures and periods, present and historical, to the political, religious, societal, and economic forces they inform, and are informed by.
ART 014-Themes, Trends, and Traditions in World Art	Distinguish among basic knowledge of art terms, concepts, cultural traditions, artists and history of art.
ART 014-Themes, Trends, and Traditions in World Art	Students should appraise understanding of artistic heritage, adopted and/or inherited, through their own understanding, appreciation, and knowledge of other cultures and histories and modes of expression.
ART 016- Introduction to Islamic Art	Assess the value or relevance of works of art or artists based on a broad view of Islamic culture and art history
ART 016- Introduction to Islamic Art	Employ the vocabulary and terminology specific to the visual material of Islamic art and art history
ART 016- Introduction to Islamic Art	Evaluate contributions of Islamic artists, Islamic culture(s), including gender relations, and examine European and American perception of Islamic art and culture with shared personal investigations
ART 018-Critique and the Creative Process	assess and critique own and peers' artwork with an understanding of each individual's creative process
ART 018-Critique and the Creative Process	Define, articulate and create a body of art related to one theme.
ART 018-Critique and the Creative Process	employ a variety of techniques and processes which deepen understanding of personal talents, obstacles and abilities, to further her/his development as a mature artist
ART 018-Critique and the Creative Process	Evaluate, discuss, and write about art work from a variety of perspectives.
ART 018-Critique and the Creative Process	produce works of art which reflect consistency of intention, execution, and presentation, inclusive of an audience or viewer
ART 020-Beginning Drawing and Composition	create finished drawing in charcoal that demonstrates an awareness of the principles of composition, implied direction, and the relationship between positive and negative space
ART 020-Beginning Drawing and Composition	demonstrate the ability to translate a 3D form in 2D, using appropriate techniques for shading and accurate proportion
ART 021-Continuing Drawing and Composition	Articulate the relationship between the artistic intent of abstract drawing, creative process and final drawing
ART 021-Continuing Drawing and Composition	create a finished drawing that demonstrates ability to translate 3d objects to 2d, in an innovative and expressive composition
ART 021-Continuing Drawing and Composition	Create a finished drawing that demonstrates ability to translate 3d objects to 2d, in an innovative and expressive composition
ART 021-Continuing Drawing and Composition	Create and sustain a personal style that is executed with fully unified and realized compositions
ART 021-Continuing Drawing and Composition	create at least three drawings that demonstrate self-directed creative inquiry both thematically and stylistically
ART 021-Continuing Drawing and Composition	Identify formal qualities particular to drawing and critique and analyze studentâ€™s own artwork and that of another artist in written essay.
ART 022-Intermediate Drawing and Composition	Create a finished drawing that demonstrates ability to translate 3d objects to 2d, in an innovative and expressive composition
ART 022-Intermediate Drawing and Composition	Create and sustain a personal style that is executed with fully unified and realized compositions
ART 024A-D- Special Projects: Drawing	Articulate the relationship between the artistic intent of a drawing, the creative process and final drawing.
ART 024A-D- Special Projects: Drawing	Create and sustain a personal style that is executed with fully unified and realized compositions.
ART 024A-D- Special Projects: Drawing	create three drawings that demonstrate self-directed creative inquiry both thematically and stylistically
ART 024A-D- Special Projects: Drawing	devise critique criteria and evaluate and analyze artwork; both their own and that of fellow students, and notable artists
ART 024A-D- Special Projects: Drawing	Evaluate and analyze their own artwork and that of another artist.
ART 025-Beginning Figure Drawing and Composition	convey an understanding of the human body's physicality, movements, and inhabiting of space
ART 025-Beginning Figure Drawing and Composition	create drawings that depict comprehension of the basics of the human form in its unique relation to space, perspective, light, shadow, emotion, and interaction
ART 025-Beginning Figure Drawing and Composition	create figure drawings that apply principles of composition
ART 025-Beginning Figure Drawing and Composition	critique and discuss with appropriate language the technical, stylistic, formal, and historical aspects particular to rendering the human figure
ART 025-Beginning Figure Drawing and Composition	describe the human form in its unique relation to space, perspective, light, shadow, emotion and interaction, overlaid with an awareness of historical context
ART 025-Beginning Figure Drawing and Composition	compose figure drawings using the principle of drawing composition
ART 026-Continuing Figure Drawing and Composition	convey an understanding of the human body's physicality, movements, and inhabiting of space
ART 026-Continuing Figure Drawing and Composition	create drawings that show the basics of the human form in its unique relation to space, perspective, light, shadow, emotion, and interaction using various techniques with wet and dry media
ART 026-Continuing Figure Drawing and Composition	critique and discuss with appropriate language the technical, stylistic, formal, and historical aspects particular to rendering the human figure
ART 026-Continuing Figure Drawing and Composition	maintain positive work habits
ART 026-Continuing Figure Drawing and Composition	utilize the human form in its unique relation to space, perspective, light, shadow, emotion and interaction, overlaid with an awareness of historical context

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ART 028-Advanced Figure Drawing and Composition	Compose figure drawings using the principles of drawing composition.
ART 028-Advanced Figure Drawing and Composition	Create drawings that show the basics of the human form in its unique relation to space, perspective, light, shadow, emotion, and interaction -- using various techniques with wet and dry media.
ART 029A-D- Special Projects: Figure Drawing	Apply the principles of composition in drawings of the figure
ART 029A-D- Special Projects: Figure Drawing	compose drawings that demonstrate mastery of human form in its relation to space, perspective, light, shadow, emotion, and interaction overlaid with an awareness of historical context
ART 029A-D- Special Projects: Figure Drawing	critique and discuss with appropriate language the technical, stylistic, formal, and historical aspects particular to rendering the human figure
ART 029A-D- Special Projects: Figure Drawing	demonstrate an understanding of the human body's physicality, movements, and inhabiting of space
ART 029A-D- Special Projects: Figure Drawing	maintain positive work habits
ART 029A-D- Special Projects: Figure Drawing	utilize comprehension of the human form in its unique relation to space, perspective, light, shadow, emotion and interaction, overlaid an awareness of historical context
ART 030-Beginning Figure Drawing: Anatomy	Describe the human form's relation to space using perspective, light, shadow, composition, gesture, and context
ART 030-Beginning Figure Drawing: Anatomy	Draw the human form describing surface anatomy through skeletal proportion and muscle groups and their function using various media.
ART 030-Beginning Figure Drawing: Anatomy	evaluate and critique, discussing with appropriate language the technical, stylistic, formal, and historical aspects particular to rendering the human figure
ART 030-Beginning Figure Drawing: Anatomy	produce drawings in various media reflecting an understanding of anatomical function, surface depiction, skeletal and muscle attachments, proportion and physicality particular to the human form
ART 031-Continuing Figure Drawing: Anatomy	develop a signature style through exploration of anatomical form and function in various media
ART 031-Continuing Figure Drawing: Anatomy	employ a range of narrative possibilities investing the drawings with content, meaning, emotion and particularity with an emerging personal style
ART 031-Continuing Figure Drawing: Anatomy	integrate study of art methods and trends with exploration of imaginative, not merely academic, possibilities for the figure drawing
ART 031-Continuing Figure Drawing: Anatomy	maintain positive work habits
ART 031-Continuing Figure Drawing: Anatomy	produce drawings in various media reflecting an understanding of anatomical function, surface depiction, skeletal and muscle attachments, proportion and physicality particular to the human form
ART 041-Basic Design	Design and execute compositions, using basic design elements, utilizing digital media vector base computer applications
ART 041-Basic Design	Distinguish among vector and basic design elements
ART 041-Basic Design	evaluate and compare views and ideas about design outcomes
ART 041-Basic Design	use basic design terminology
ART 044-Three Dimensional Design	execute 5 projects using main principles of three-dimensional design: line, form, space, value, texture, color, and time
ART 044-Three Dimensional Design	through the critique process, students will identify and assess formal qualities and evaluate the artist's intent in the execution of classroom assignments
ART 047	Apply basic elements of three-dimensional design, including form, space, line, texture, light, color, time and movement to a variety of projects using paper, wire, found objects, malleable materials, mixed media and time-based art.
ART 050-Beginning Painting	create an engaging composition, mix identified colors and apply knowledge of optical color to still life
ART 050-Beginning Painting	identify formal qualities particular to painting; critique and analyze student's own artwork and that of their peers in written essay
ART 051-Continuing Painting	create a harmonious abstract composition that investigates the relationship between color, shape, line, and texture
ART 051-Continuing Painting	differentiate the relationship between the artistic intent of painting, creative process and final painting
ART 051-Continuing Painting	identify formal qualities particular to painting and critique and analyze student's own artwork and that of their peers in written essay
ART 052-Intermediate Painting	compose artist's statements describing the nature of their paintings, assist in the curatorial process and present their work for hanging or exhibition
ART 052-Intermediate Painting	create and complete between four and six paintings using different approaches for each one, including abstraction, still life, figurative subjects, landscapes, personal symbolism, portraits, and other themes or genres
ART 053-Advanced Painting	by assessing through the critique process, students will identify formal qualities and artistic intent to assess execution of classroom assignments
ART 053-Advanced Painting	mix paint and utilize demonstrated techniques to create a minimum of six paintings based on color and compositional choices
ART 054A-D-Special Projects: Painting	distinguish among formal qualities particular to painting and critique and analyze students' artwork and that of their peers in written essay
ART 054A-D-Special Projects: Painting	formulate solutions to problems and issues that arise in the areas of composition, color, and materials and apply to finished painting
ART 060-Beginning Painting: Watercolor	Demonstrate knowledge of the terms, techniques, and basic characteristics of the watercolor medium.
ART 060-Beginning Painting: Watercolor	Discuss and critique her/his own work and the work of other students using appropriate vocabulary and art historical references.
ART 060-Beginning Painting: Watercolor	Employ confident and effective use of the various possible materials and techniques of the watercolor medium to realize their intention and ambition.
ART 061-Continuing Painting: Watercolor	Demonstrate knowledge of the terms, techniques, and basic characteristics of the watercolor medium.
ART 061-Continuing Painting: Watercolor	Discuss and critique her/his own work and the work of other students using appropriate vocabulary and art historical references.
ART 061-Continuing Painting: Watercolor	Present artwork in a professional manner, with either exhibition or portfolio readiness.
ART 061-Continuing Painting: Watercolor	Solve complex problems of composition and expression by use of advanced techniques and skills, realizing stated intentions and ambitions.
ART 064A-D- Special Projects: Watercolor Painting	Discuss and critique her/his own work and the work of other students using appropriate vocabulary and art historical references.
ART 064A-D- Special Projects: Watercolor Painting	Employ confident and effective use of the various possible materials and techniques of the watercolor medium to realize their intention and ambition.
ART 064A-D- Special Projects: Watercolor Painting	Integrate personal style and approach with refined painting skills and understanding of composition.
ART 064A-D- Special Projects: Watercolor Painting	Present artwork in a professional manner, with either exhibition or portfolio readiness.
ART 095A-Beginning Photography I	apply considerations of aesthetic and art-historical parameters to their own and others' artwork
ART 095A-Beginning Photography I	Be able to expose the film in sunlight using basic daylight exposure.
ART 095A-Beginning Photography I	critique her/his own work and that of fellow students and photographers using appropriate vocabulary
ART 095A-Beginning Photography I	function in a group darkroom and classroom/studio environment in a considerate, effective, positive way
ART 095A-Beginning Photography I	Make decisions about the shutter speed and light in determining exposure and to make decisions about specific conditions.
ART 095A-Beginning Photography I	produce quality black and white prints demonstrating knowledge of essential photographic techniques
ART 095B-Beginning Photography II	Apply considerations of aesthetic and art-historical parameters to critique of their own and others' artwork, using appropriate terminology.
ART 095B-Beginning Photography II	critique her/his own work and that of fellow students and notable photographers using appropriate vocabulary
ART 095B-Beginning Photography II	Describe different relationships regarding exposure and specific conditions...
ART 095B-Beginning Photography II	Present artwork in a professional manner, consistent with curatorial and "real world" standards.
ART 095B-Beginning Photography II	Produce quality black and white prints demonstrating knowledge of essential photographic techniques, building on the experiences of art 95A.
ART 096A-Intermediate Photography	examine a body of work by a single photographer describing in detail one image, identifying one theme and comparing work to another artist
ART 096A-Intermediate Photography	make a series of portraits printed 8x10
ART 096A-Intermediate Photography	manage and integrate working habits and artistic development with peer and instructor exchange and collaboration
ART 096A-Intermediate Photography	prepare and present student work in a professional manner in order to reach a larger audience
ART 096A-Intermediate Photography	synthesize intention and outcome, matching aesthetic concerns with technical abilities
ART 096B-Advanced Photography	integrate independent working habits and artistic development with peer and instructor exchange and collaboration
ART 096B-Advanced Photography	present their artwork in a professional portfolio, demonstrating their qualification for exhibition, employment, or further education
ART 096B-Advanced Photography	unify intention and outcome, matching aesthetic concerns with technical abilities
ART 119-Figure Painting in Context	combine learned technical skills to create form through color, light and shadow, transparency, plasticity, and the manipulation of paint
ART 119-Figure Painting in Context	devise and integrate personal style and technical painting skills using color, light, transparency, plasticity, and the manipulation of paint
ART 119-Figure Painting in Context	employ the vocabulary, critical skills, art-historical background, and awareness of their own aims enabling a confident presentation of their work
ART 119-Figure Painting in Context	maintain an awareness of self and a thorough understanding of their personal work-habits, discipline, talents, and goals
ART 133A Mural Design and Creation I	Create personal and collaborative mural designs.
ART 133A Mural Design and Creation I	Plan the creation of a community mural, including documentation, preliminary sketches, final color renderings, use of a grid, and collaborative planning techniques.
ART 133B Mural Design and Creation II	Plan and execute promotion and community events.
ART 133B Mural Design and Creation II	Plan the creation of a community mural, including documentation, preliminary sketches, final color renderings, use of a grid, and collaborative planning techniques.
ART 133B Mural Design and Creation II	Use a variety of painting techniques to complete the color rendition on a monumental scale.
ART 201A-G- Art Destination Studies	analyze an art work from a specific region or culture, describe its possible sources of imagery and methods of transmission, and compare it to other works from different regions and cultures in class discussion
ART 201A-G- Art Destination Studies	apply and correctly employ terms to describe properties of the art work or historic time periods within the culture or region being studied in group discussion and essay
ART 201A-G- Art Destination Studies	demonstrate an understanding of geography, natural resources, trade networks, and social-political history of the region being studied and how these factors have impacted the visual arts traditions within that region in a written essay
ART 201A-G- Art Destination Studies	summarize current collection-related, ownership, display, and interpretation issues and analyze a work of art and related scholarship in their context in an oral presentation
ASAME 030-Asians and Asian-Americans through Films	analyze and critique films as a medium of communication and representation of culture
ASAME 030-Asians and Asian-Americans through Films	appraise the positioning of Asians and Asian Americans in film in relation to global impact and policy
ASAME 030-Asians and Asian-Americans through Films	evaluate, recognize and reflect on the importance of Asian Americans in film, both behind and in front of the camera
ASAME 030-Asians and Asian-Americans through Films	Identify and examine common cultural themes in films by and about the Asian diaspora and the Asian American experience
ASAME 030-Asians and Asian-Americans through Films	Identify, analyze and discuss different film genres: documentaries, dramas, and comedies
ASAME 045B-Asian-American History from 1945 to the Present	To examine the race relations, cultural pluralism, assimilation and the effects of Asian immigrants to the United States.
ASAME 045B-Asian-American History from 1945 to the Present	To know post 1945 Asian American community issues.
ASAME 045B-Asian-American History from 1945 to the Present	To know the impact of globalization in Asian countries that would act as motivating factors of emigration, as well as identify the diversity within Asian America.
ASAME 045B-Asian-American History from 1945 to the Present	To understand the social, economic, and political push and pull factors for immigration, as well as the resettlement of Asians in America.
ASAME 045B-Asian-American History from 1945 to the Present	To understand their own family's immigration history while placing it into the context of Asian America.
ASL 050-American Sign Language I	Follow a series of basic commands; respond to questions appropriately; summarize or answer questions about a short story; demonstrate vocabulary knowledge essential to the specific application for the chosen functions; apply grammar competencies necessary for carrying out the functions
ASL 050-American Sign Language I	Perform culturally specific social/language responses necessary for sending and receiving effective messages in the language
ASL 050-American Sign Language I	Use and describe the purpose served by particular language functions (requesting, commanding, agreeing)
ASL 051-American Sign Language II	follow a series of basic commands; respond to questions appropriately; summarize or answer questions about a short story; demonstrate vocabulary knowledge essential to the specific application for the chosen functions; demonstrate communicative competency and fluency
ASL 051-American Sign Language II	perform additional culturally specific social/language responses necessary for sending and receiving effective messages in the language; demonstrate culturally appropriate behaviors
ASL 051-American Sign Language II	use and describe the purpose served by particular language functions (requesting, commanding, agreeing, etc.)
ASL 052-American Sign Language III	describe the purpose served by particular language functions (requesting, commanding, agreeing, etc.)
ASL 052-American Sign Language III	follow a series of complex commands; respond to questions appropriately; summarize and answer questions about a short story, or narrate a short story; demonstrate vocabulary knowledge essential to the specific application for the chosen functions; demonstrate communicative competency and fluency; master advanced visual/gestural components to agree with rules for role shifting

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ASL 052-American Sign Language III	perform additional culturally specific social/language responses necessary for sending and receiving effective messages in the language; demonstrate culturally appropriate behaviors.
ASL 053-American Sign Language IV	demonstrate culturally appropriate behaviors
ASL 053-American Sign Language IV	discriminate among signs which are lexically related yet differentiated by subtle movement to increase comprehension of signed stories
ASL 053-American Sign Language IV	master vocabulary introduced and signs/semantic range; utilize a wide range of expressions, sayings and responses in one's discourse and complex grammatical principles correctly; master language fluency; repeat information without repetition or rephrasing
ASL 055A-History and Culture of Deaf People in America I	demonstrate knowledge of an historic overview of the American deaf culture
ASL 055A-History and Culture of Deaf People in America I	demonstrate knowledge of the normative system of laws in American society with particular reference to the American deaf community
ASL 055A-History and Culture of Deaf People in America I	discuss minority group dynamics of the deaf community in comparison with other American minorities
ASL 055A-History and Culture of Deaf People in America I	identify language and communication modes employed by deaf people
ASL 055A-History and Culture of Deaf People in America I	identify own cultural bias, views, experience and values
ASL 055A-History and Culture of Deaf People in America I	interpret the issues faced by deaf people from the historical, cultural, social, linguistic, and political perspectives
ASL 055B-History and Culture of Deaf People in America II	demonstrate knowledge of an historic overview of the American deaf culture
ASL 055B-History and Culture of Deaf People in America II	demonstrate knowledge of the normative system of laws in American society with particular reference to the American deaf community
ASL 055B-History and Culture of Deaf People in America II	discuss minority group dynamics of the deaf community in comparison with other American minorities
ASL 055B-History and Culture of Deaf People in America II	identify language and communication modes employed by deaf people
ASL 055B-History and Culture of Deaf People in America II	identify own cultural bias, views, experience and values
ASL 055B-History and Culture of Deaf People in America II	interpret the issues faced by the deaf people from the historical, cultural, social, linguistic, and political perspectives
ASL 057-Structure of American Sign Language	Analyze and describe grammatical complexities of ASL and English and how they impact the process of interpreting.
ASL 057-Structure of American Sign Language	Analyze the impact of sign language ideologies on national and international language legislation and policies regarding the rights of Deaf people.
ASL 057-Structure of American Sign Language	Appraise the basic concepts and issues involved in language acquisition processes of both deaf and hearing children and discuss how they impact the educational programs for Deaf children.
ASL 057-Structure of American Sign Language	Compare and contrast the linguistic structures of English and ASL. Categorize the characteristics of natural human languages.
ASL 200A-Classifiers I	demonstrate competence in reception and expression of vocabulary, including classifiers and locatives; demonstrate correct description of objects and concepts related to objects, actions and interaction gesturally; demonstrate non-manual markers on the mouth and face
ASL 200A-Classifiers I	practice gestural communication of objects, actions and interaction
ASL 200B-Classifiers II	demonstrate complex descriptions of people, animals and things and the actions of such; demonstrate all classifier types in proper contexts; demonstrate non-manual markers on the mouth and face; narrate a story utilizing all classifier types taught
ASL 200B-Classifiers II	identify all classifier types in given ASL texts
ASL 202A-Fingerspelling and Numbers I	demonstrate basic number and letter combinations smoothly; produce numbers up to 1,000 and 3 and 4 letter words using appropriate rhythm; demonstrate numbers appropriately for various numerical systems in ASL; demonstrate comprehension of numbers and fingerspelled words in isolation and brief sentences
ASL 202B-Fingerspelling and Numbers II	demonstrate basic number and letter combinations smoothly; demonstrate proper rhythm to produce numbers up to 1,000 and 3 and 4 letter words; demonstrate numbers appropriately for various numerical systems in ASL; demonstrate comprehension of numbers and fingerspelled words in isolation and brief sentences
ASL 464 Æ Occupational Work Experience	demonstrate expressive and receptive competencies in American Sign Language
ASL 464 Æ Occupational Work Experience	demonstrate increased ability to function successfully in a Deaf environment
ASL 464 Æ Occupational Work Experience	demonstrate increased fluency in conversational ASL
ASL 464 Æ Occupational Work Experience	examine the Deaf culture and various aspects to the community and population
ASL 464 Æ Occupational Work Experience	explain and compare the cultural norms of the Deaf community
ASTR 010-Descriptive Astronomy	describe how electromagnetic radiation (light) is produced, how it can be detected, and what can be learned from different types of spectra
ASTR 010-Descriptive Astronomy	explain the main properties of the different objects in the Solar System (including the Earth, Moon, and major and minor planets), Stars (including the Sun), and Galaxies (including the Milky Way); how they originated and evolved, and where stars get their energy from
ASTR 015 - Space Weather	analyze space weather's impact on earth and understand the consequences of actions taken and their impact on society
ASTR 015 - Space Weather	cooperate with peers on a space science research topic; develop a science poster and final oral presentation
ASTR 015 - Space Weather	explain why space weather is relevant to us on earth, using evidence and sound reasoning
ASTR 015 - Space Weather	find, evaluate, use, and communicate information regarding energy from the sun, the sun-earth system, and space weather and its impacts
ASTR 015 - Space Weather	write and speak clearly and effectively with appropriate science content related to space weather
BIOL 001A-General Biology	accurately explain fundamental biological concepts in genetics, zoology, cellular processes, and molecular biology
BIOL 001A-General Biology	design a simple experiment that applies the scientific method in the biological sciences
BIOL 001B-General Biology	accurately explain biological concepts, including the endosymbiotic theory, genetic drift, macroevolutionary topics, Darwin's theories, ecology, biodiversity, and anatomy and physiology of plants
BIOL 003-Microbiology	accurately use terminology relating to microbiology
BIOL 003-Microbiology	describe the factors that contribute to and underlie infectious disease outbreaks and how different diseases are best treated and controlled
BIOL 003-Microbiology	Describe the factors that contribute to and underlie infectious disease outbreaks and how different diseases are best treated and controlled.
BIOL 003-Microbiology	explain and differentiate among microorganisms (bacteria, viruses, fungi, helminths and protozoans): how they exist in nature, evolve, and contribute to disease in humans and other animals
BIOL 003-Microbiology	Explain the differences in microorganisms (bacteria, viruses, fungi, helminths and protozoans): how they exist in nature, evolve, and contribute to disease in humans and other animals.
BIOL 003-Microbiology	explain the role and functions of microorganisms in nature, the dynamics of pathogenesis, and processes involving vaccines and drugs
BIOL 010-Introduction to Biology	describe the basics of cellular life, genetics, evolution, ecology, and biophilia, as well as the diversity of biological life. Apply the Scientific process in lab experiments
BIOL 013L Æ Principles of Ecology and Sustainable Systems Lab	Identify, measure, and test the sustainable environmental principles discussed in BIOL 13
BIOL 013-Principles of Ecology	apply the scientific process in designing an independent research project and critique scientific experiments developed by peers
BIOL 013-Principles of Ecology	examine and explain key concepts in ecology, including biotic and abiotic factors in each habitat, population growth and overpopulation, natural selection and current adaptations, human resources and pollution, and the ecology of different agricultural systems
BIOL 025-Human Biology	design and conduct independent research experiment and test hypotheses
BIOL 025-Human Biology	explain the process of genetics as it applies to humans, including the form and function of the major organ systems and the basic biology of the human body, including cells, tissues, diseases, etc.
BIOL 032-Scientific Literature	analyze construction of scientific papers, including terminology, organization, experimental design, continuity, and merit
BIOL 032-Scientific Literature	interpret information presented in tables and graphs; explain basic statistical notation and concepts
BIOL 032-Scientific Literature	use library databases to search for scientific information
BIOL 033-Applied Immunology	analyze the types of problems that arise when the immune system fails to distinguish self from non-self and when the immune response results in damage to the host
BIOL 033-Applied Immunology	differentiate among the role of organs, cells and secreted chemicals involved in the innate and acquired immune responses
BIOL 034-Applied Molecular Genetics	Demonstrate knowledge of the transmission of inherited traits, the structure of chromosomes and cellular organelles that allow for the information stored in the DNA to be translated into protein and an understanding of the transmittance of traits
BIOL 034-Applied Molecular Genetics	Demonstrate understanding of techniques used to isolate and study DNA and RNA
BIOL 230A-Scientific Instrumentation I	demonstrate ability to follow protocols, use and operate standard laboratory materials and equipment, use handheld measuring devices accurately, dispose of hazardous materials using MSDS guidelines, and use good laboratory practices
BIOL 230A-Scientific Instrumentation I	demonstrate ability to work aseptically (without contamination) and to recognize contaminated solutions and media
BIOL 230A-Scientific Instrumentation I	maintain scientific notebook and record data accurately; demonstrate ability to interpret results
BIOL 230B-Scientific Instrumentation II	analyze fermentation technology, including techniques used in amplifying desired product, chromatography methods used to capture products, assurance control and quality control
BIOL 230B-Scientific Instrumentation II	demonstrate ability to identify a scientific question, design and experimental protocol to answer questions and assess results accurately
BIOL 230B-Scientific Instrumentation II	examine protein chemistry including methods used to isolate, purify, analyze and quantify proteins
BIOL 232-Reading in Science II	analyze the structure of scientific papers and extract needed information from simple scientific papers
BIOL 232-Reading in Science II	identify root words and common scientific terminology
BIOL 232-Reading in Science II	interpret information presented in tables and graphs
BIOL 232-Reading in Science II	judge the difference between science and pseudoscience
BUS 001A-Financial Accounting	analyze transactions and determine their effect on the four financial statements
BUS 001A-Financial Accounting	demonstrate the ability to perform time value of money analysis using discounted cash flow techniques to calculate bond prices
BUS 001A-Financial Accounting	describe how financial reports users analyze financial information using measures to make decisions
BUS 001A-Financial Accounting	perform the various steps of the accounting cycle and prepare adjusted financial statements
BUS 001B-Manual Accounting	Analyze financial statements using ratio, horizontal and vertical analysis.
BUS 001B-Manual Accounting	Describe and create budgets and explain how standards are used in budgeting.
BUS 001B-Manual Accounting	Prepare and analyze the Statement of Cash Flows.
BUS 001B-Manual Accounting	Prepare reports and use job order and process cost accounting for decision making.
BUS 001B-Manual Accounting	Use differential analysis and capital investment analysis for decision making.
BUS 002-Introduction to Business law	Analyze law cases applying government regulations, ethical considerations, and social responsibility.
BUS 002-Introduction to Business law	Describe the nature, purpose, and origin of law and legal procedures.
BUS 002-Introduction to Business law	Interpret and apply contracts and the Uniform Commercial Code in relation to commercial transactions.
BUS 005-Human Relations in Business	analyze a business situation and recommend a solution or plan for improvement
BUS 005-Human Relations in Business	apply legal and ethical principles in business decision making
BUS 005-Human Relations in Business	compare, discuss and apply different cultural sensitivity techniques toward the diverse customs, beliefs, and lifestyles that exist within the college and the business environment
BUS 005-Human Relations in Business	prepare a human relations profile analyzing current interpersonal skills and developing plans for improvement
BUS 010-Introduction to Business	analyze a business situation and recommend a solution or plan for improvement
BUS 010-Introduction to Business	analyze and apply legal and ethical principles in business decision making
BUS 010-Introduction to Business	obtain and properly cite information related to the profession using traditional and electronic sources
BUS 020-General Accounting	Identify, describe, and/or match documents used in the accounting cycle.
BUS 020-General Accounting	Perform basic analysis and interpretation of financial statements.
BUS 020-General Accounting	Prepare formal financial statements and payroll reports.
BUS 020-General Accounting	Record business transactions for a sole proprietorship.
BUS 024-Computerized Accounting Principles	Analyze and process vendor payments and accounts, collections from customers, accounts receivable transactions, and payroll tax information.
BUS 024-Computerized Accounting Principles	Create inventory information and process inventory transactions.

Courses	Outcome Description
BUS 024-Computerized Accounting Principles	Demonstrate the ability to prepare financial statements and demonstrate understanding of relationship of financial statements.
BUS 024-Computerized Accounting Principles	Demonstrate the ability to use computerized accounting software cycle and to process accounting transactions for a service and a merchandise company.
BUS 054-Small Business Management	analyze a business situation and recommend a solution or plan for improvement
BUS 054-Small Business Management	create a business report using information related to the profession, incorporating traditional and electronic sources; synthesize the information into a written or oral business report
BUS 054-Small Business Management	use efficient and effective oral and written communication skills
BUS 056-Human Resources Management	analyze a business situation and recommend a solution or plan for improvement
BUS 056-Human Resources Management	apply legal and ethical principles in business decision making
BUS 070-Introduction to Marketing	analyze a business situation and recommend a solution or plan for improvement
BUS 070-Introduction to Marketing	create a business report by obtaining information related to the profession, using traditional and electronic sources and synthesizing the information
BUS 070-Introduction to Marketing	use efficient and effective oral and written communication skills
BUS 201-Business Communication	Examine and apply sensitivity toward the diverse customs, beliefs, and lifestyles that exist within the college and the business environment
BUS 201-Business Communication	obtain information related to the profession using traditional and electronic sources, and synthesize the information into a written or oral business report
BUS 201-Business Communication	use efficient and effective oral and written communication skills
BUS 202-Business Mathematics	analyze a business situation and recommend a business math related solution
BUS 202-Business Mathematics	analyze data and prepare common business and personal financial reports
BUS 210-Financial Management and Investments	calculate the before and after tax present value and future values of investments using the principles of time value of money
BUS 210-Financial Management and Investments	compare and evaluate various investment alternatives and the suitability to a specific persons needs and objectives
BUS 210-Financial Management and Investments	define a financial goal and develop a plan for achieving it
BUS 210-Financial Management and Investments	explain terms related to financial industry and investments
BUS 215A- Computer Keyboarding	On a beginning level, students perform basic, beginning level computer keyboarding tasks, producing typed written material, using a keyboarding program and accompanying textbook.
BUS 215B- Computer Keyboarding	on a beginning level, students perform basic, beginning level computer keyboarding tasks, producing typed written material, using a keyboarding program and accompanying textbook
BUS 215C- Computer Keyboarding	on a beginning level, students perform basic, beginning level computer keyboarding tasks, producing typed written material, using a keyboarding program and accompanying textbook
BUS 215D- Computer Keyboarding	on a beginning level, students perform basic, beginning level computer keyboarding tasks, producing typed written material, using a keyboarding program and accompanying textbook
BUS 225-The Professional Office Environment	formulate in the office environment decisions by applying legal and ethical principles
BUS 225-The Professional Office Environment	use efficient and effective oral and written communication skills
BUS 228-Small Business Development for New and Prospective Entrepreneurs	analyze a business situation and recommend a solution or plan for improvement
BUS 228-Small Business Development for New and Prospective Entrepreneurs	obtain and arrange information related to the profession using traditional and electronic sources; synthesize the information into a written or oral business report
BUS 241-Beginning Word Processing	create beginning level business documents that are visually attractive, using correct design principles
BUS 241-Beginning Word Processing	create professional quality beginning level business documents, including business documents, including basic letters, memoranda, press releases, reports, and mail merge
BUS 242-Intermediate Word Processing	create intermediate level business documents that are visually attractive, using correct design principles
BUS 242-Intermediate Word Processing	create professional quality intermediate level business documents, including business documents, including basic letters, memoranda, press releases, reports, and mail merge
BUS 243-Advanced Word Processing	create advanced level business documents that are visually attractive using correct design principles
BUS 243-Advanced Word Processing	create professional quality advanced level business documents, including business documents, including basic letters, memoranda, press releases, reports, and mail merge
BUS 254-Workplace Skills	apply efficient and effective oral and written communication skills
BUS 254-Workplace Skills	devise a customer first business philosophy using role playing situations
BUS 254-Workplace Skills	examine employee behaviors through role playing behaviors consistent with a professional work environment, using appropriate dress, greetings, speech, and time management as criteria
BUS 254-Workplace Skills	prepare personal resumes measured by final resume document; refine interviewing skills using role playing situations
CHEM 001A-General Chemistry	explain qualitatively trends in physical and chemical properties of elements and use molecular level concepts (physical and/or chemical) to explain macroscopic properties of matter
CHEM 001A-General Chemistry	perform experiments according to laboratory safety procedures. Collect and analyze experimental data; interpret results that include graphs construction; write organized laboratory reports
CHEM 001A-General Chemistry	solve quantitative chemistry problems and integrate multiple ideas, that include incorporating stoichiometric and algebraic relationships, in problem solving processes
CHEM 001B-General Chemistry	experiment and perform laboratory techniques according to appropriate safety procedures; collect and analyze experimental data, interpret results; perform error analyses, and write organized laboratory reports
CHEM 001B-General Chemistry	explain qualitatively trends in physical and chemical properties of elements and use molecular level concepts (physical and/or chemical) to explain macroscopic properties of matter
CHEM 001B-General Chemistry	solve quantitative chemistry problems and integrate multiple ideas in problem solving processes
CHEM 012A Organic Chemistry	Apply naming rules (nomenclature) to name or draw the structures for organic molecules and, where appropriate, indicate stereochemistry.
CHEM 012A Organic Chemistry	Apply thermodynamic and kinetic principles to characterize organic chemical reactions and mechanisms.
CHEM 012A Organic Chemistry	Describe the overall structure and properties of organic molecules using the principles of chemical bonding, atomic hybridization, and orbital theory.
CHEM 012A Organic Chemistry	Operate in the laboratory using routine acceptable safe laboratory practices to handle chemicals, glassware, and common laboratory equipment. (Apply the precautionary principle when handling hazardous materials, especially those of unknown toxicity.)
CHEM 012A Organic Chemistry	Record laboratory results and data correctly into a scientific notebook and report and interpret results using appropriate notational and descriptive content in standard scientific format.
CHEM 012A Organic Chemistry	Use common spectroscopic techniques (NMR, IR, UV/Vis, MS) to determine the molecular structure of organic compounds and also to correlate with chemical reactivity.
CHEM 012B Organic Chemistry	Apply naming rules (nomenclature) to name or draw the structures for organic molecules and, where appropriate, indicate stereochemistry.
CHEM 012B Organic Chemistry	Apply thermodynamic and kinetic principles to characterize organic chemical reactions and mechanisms.
CHEM 012B Organic Chemistry	Describe the overall structure and properties of organic molecules using the principles of chemical bonding, atomic hybridization, and orbital theory.
CHEM 012B Organic Chemistry	Devise synthetic approaches to relatively simple organic compounds using the concepts of multi-step synthesis, which includes retro-synthetic analysis.
CHEM 012B Organic Chemistry	Operate in the laboratory using routine acceptable safe laboratory practices to handle chemicals, glassware, and common laboratory equipment. (Apply the precautionary principle when handling hazardous materials, especially those of unknown toxicity.)
CHEM 012B Organic Chemistry	Record laboratory results and data correctly into a scientific notebook and report and interpret results using appropriate notational and descriptive content in standard scientific format.
CHEM 012B Organic Chemistry	Use common spectroscopic techniques (NMR, IR, UV/Vis, MS) to determine the molecular structure of organic compounds and also to correlate with chemical reactivity.
CHEM 030A-Introductory Inorganic Chemistry	identify and describe Periodic Table and trends in periodic properties of elements; write chemical formulae as per IUPAC system of nomenclature; write and balance chemical equations
CHEM 030A-Introductory Inorganic Chemistry	solve quantitative chemistry problems using simple algebraic processes related to mole concept and reaction stoichiometry
CHEM 030B-Introductory Organic and Biochemistry	analyze and describe important biochemical processes such as carbohydrate and lipid metabolisms and their association with energy production
CHEM 030B-Introductory Organic and Biochemistry	name and write structural formulas of basic organic and biological molecules according to IUPAC system of nomenclature and describe trends in physical properties in homologous series; predict products of basic organic reactions
CHIN 001-Elementary Chinese (Mandarin)	communicate in Mandarin with sympathetic speaker on limited topics
CHIN 001-Elementary Chinese (Mandarin)	demonstrate knowledge of China, Chinese speaking parts of the world, and Chinese culture
CHIN 001-Elementary Chinese (Mandarin)	write 200+ characters in Mandarin
CHIN 040A-Conversational Chinese (Mandarin)	converse in basic Mandarin
CHIN 040A-Conversational Chinese (Mandarin)	demonstrate an improved understanding of how the English language works through contrastive analyses
CHIN 040A-Conversational Chinese (Mandarin)	Describe China's language, culture, and history
CIS 001-Introduction to Computer Information Systems	Demonstrate proficiency in Microsoft Excel to create spreadsheets.
CIS 001-Introduction to Computer Information Systems	Demonstrate proficiency in Microsoft PowerPoint to create presentations.
CIS 001-Introduction to Computer Information Systems	Identify and use computer terminology and latest trends in Computer Information Systems; demonstrate proficiency in Microsoft Word to write resumes, letters and reports, and proficiency in Microsoft Access to create databases and generate queries and reports.
CIS 005-Introduction to Computer Science	demonstrate proficiency in Microsoft Excel to create spreadsheets
CIS 005-Introduction to Computer Science	describe the basic principles of computer programming
CIS 005-Introduction to Computer Science	identify and use computer terminology and latest trends in computer science; explain the architecture of digital computers, and demonstrate proficiency in Microsoft Word to write resumes, letters and reports and in Microsoft Access to create databases and generate queries and reports
CIS 006-Introduction to Computer Programming	Create a computer program or design a web site to solve a real-world problem
CIS 006-Introduction to Computer Programming	design an algorithm using pseudo code Write computer programs in a modern programming language; demonstrate familiarity with object oriented programming concepts
CIS 006-Introduction to Computer Programming	design an algorithm using pseudo code; write computer programs in a modern programming language; demonstrate familiarity with object oriented programming concepts
CIS 006-Introduction to Computer Programming	set up and manage class presentations that illustrate projects completed in the class
CIS 023-C# Programming	create a computer program or design a web site to solve a real-world problem
CIS 023-C# Programming	design computer programs to solve real world problem using object-oriented principles, including inheritance and polymorphism, and demonstrate ability to use the Integrated Development Environment in Visual Studio to write C# programs
CIS 023-C# Programming	explain concepts of object oriented program design and apply them in writing programs
CIS 036A-Java Programming Language I	create a computer program or design a web site to solve a real-world problem
CIS 036A-Java Programming Language I	design computer programs to solve real world problem using object-oriented principles including inheritance and polymorphism; use compiler, linkers, debuggers, and project managers to develop computer programs in JAVA
CIS 036A-Java Programming Language I	explain concepts of object oriented program design and apply them in writing programs
CIS 036B-Java Programming Language II	design computer programs to solve real world problem using exception and event handling and concurrency, use graphics tools to develop GUI programs in JAVA, and create a TCP/IP client that communicates through sockets
CIS 036B-Java Programming Language II	explain advanced concepts of object oriented program design and apply them in writing programs

Courses	Outcome Description
CIS 042A-Spreadsheet Applications I	construct a spreadsheet consisting of labels, values, and formulas; apply basic basic spreadsheet commands; format cells to display values appropriately
CIS 042A-Spreadsheet Applications I	create brochures and flyers that demonstrate proficiency in desktop publishing software
CIS 042A-Spreadsheet Applications I	customize and link office applications to create an integrated project
CIS 042A-Spreadsheet Applications I	design a project which integrates three or more office productivity applications under program control to solve a real world problem
CIS 042A-Spreadsheet Applications I	evaluate a spreadsheet to model financial decisions; use built in functions to perform mathematical calculations
CIS 042A-Spreadsheet Applications I	identify and use computer terminology and trends in Computer Information Systems and demonstrate proficiency in using office productivity applications
CIS 042B-Spreadsheet Applications II	create presentation quality charts of several types
CIS 042B-Spreadsheet Applications II	differentiate between more advanced spreadsheet commands; use worksheet linking to create a summary sheet that draws data from several worksheets
CIS 042B-Spreadsheet Applications II	identify and use computer terminology and trends in Computer Information Systems and demonstrate proficiency in using office productivity applications
CIS 042B-Spreadsheet Applications II	use complex financial functions such as pmt and internal rate of return; forecast trends using exponential growth functions and regression analysis
CIS 047-Visual Basic Programming	create and give project presentation to class
CIS 047-Visual Basic Programming	customize and link office applications to create an integrated project
CIS 047-Visual Basic Programming	design a computer program to solve a real-world problem
CIS 047-Visual Basic Programming	design an algorithm using pseudo code; write computer programs in Visual Basic; demonstrate familiarity with object oriented programming concepts
CIS 081-Systems Analysis with UML	analyze a real world problem and design a computer program to solve the problem; analyze a real world process and create a UML Diagram which models that process
CIS 081-Systems Analysis with UML	identify and use UML terminology and conventions; demonstrate ability to capture project requirements using UML
CIS 083-Capstone Project	analyze a real world problem and design a computer program or web site to solve the problem; analyze a real world process and create a UML Diagram which models that process
CIS 083-Capstone Project	create a computer program or design a web site to solve a real-world problem
CIS 083-Capstone Project	design class presentations demonstrating projects completed in the class
CIS 084-Database Programming for the Web	analyze a real world problem and design a database program or web site to solve the problem; analyze a real world process and create a UML Diagram which models that process
CIS 084-Database Programming for the Web	create and give class presentations demonstrating projects completed in the class
CIS 084-Database Programming for the Web	design a database computer program to solve a real-world problem
CIS 085-JSP and Servlets	analyze a real world problem and design a computer program or web site involving JSP/Servlets to solve the problem; analyze a real world process and create a UML Diagram which models that process
CIS 089-Introduction to Data Communications and Networking	Customize and link office applications to create an integrated project
CIS 089-Introduction to Data Communications and Networking	Demonstrate knowledge of computer terminology and trends in Computer Information Systems and demonstrate proficiency in using office productivity applications.
CIS 089-Introduction to Data Communications and Networking	Demonstrate proficiency in desktop publishing software to create brochures and flyers
CIS 089-Introduction to Data Communications and Networking	Design a project which integrates three or more office productivity applications under program control to solve a real world problem
CIS 101-Survey of Programs/Languages for the Web	create coding projects using languages such as HTML, Dynamic HTML, JavaScript, Visual Basic, Perl, etc
CIS 101-Survey of Programs/Languages for the Web	describe the similarities, differences and capabilities of a variety of web programming languages
CIS 101-Survey of Programs/Languages for the Web	evaluate web projects and identify appropriate programming languages for successful delivery
CIS 101-Survey of Programs/Languages for the Web	write a computer program or design a web site to solve a real-world problem
CIS 103-Survey of Program/Languages for the Web - Continuation	describe the role of HTML and XML in web page design; create self-describing data using XML
CIS 103-Survey of Program/Languages for the Web - Continuation	formulate XML documents using CSS and XSLT style sheets Use DTD and XSD schema for document modeling
CIS 103-Survey of Program/Languages for the Web - Continuation	write a computer program or design a web site to solve a real-world problem
CIS 105-Mechanics of Web Page Design	create a web page using HTML; create a web page using a web authoring tool such as Front Page; upload a web page to the internet and trouble shoot technical problems
CIS 105-Mechanics of Web Page Design	demonstrate ability to create a simple web site
CIS 200-Computer Concepts and Applications	demonstrate proficiency in one Microsoft Office application (Word, Excel or Access);differentiate purpose and role of major office applications
CIS 200-Computer Concepts and Applications	distinguish among computer terms and trends in computer information systems
CIS 228A-Desktop Publishing Using Pagemaker (Mac/PC)	Create brochures and flyers using desktop publishing software
CIS 228B-Desktop Publishing Using Quark X-press (Mac/PC)	build a morgue (library of stories, photos, and other materials) including good and bad examples of page layout and typefaces to be used to demonstrate to clients the potential look and feel of a custom-designed publication
CIS 228B-Desktop Publishing Using Quark X-press (Mac/PC)	design newsletter and template projects using an integrated desktop publishing system including a computer, laser printer, graphic scanner or digital camera and Quark page layout software
CIS 228B-Desktop Publishing Using Quark X-press (Mac/PC)	distinguish among different types of layout and typefaces to be used for publication in order to demonstrate to clients the potential look and feel of a custom-designed publication
CIS 228B-Desktop Publishing Using Quark X-press (Mac/PC)	prepare newsletter and template projects using an integrated desktop publishing system including a computer, laser printer, graphic scanner or digital camera and Quark page layout software
CIS 228B-Desktop Publishing Using Quark X-press (Mac/PC)	prepare newsletter and template projects using an integrated desktop publishing system including a computer, laser printer, graphic scanner or digital camera and Quark page layout software
CIS 228C-Introduction to InDesign Desktop Publishing	create newsletter and template projects using an integrated desktop publishing system including computer, laser printer, graphic scanner, or digital camera and InDesign page layout software
CIS 228C-Introduction to InDesign Desktop Publishing	use InDesign software to set application and publication-level defaults, import graphics and texts, navigate screens, menus, and the tool palette, to integrate text and graphics in order to produce professional level publications
CIS 229A-Desktop Publishing Using Pagemaker (Mac/PC) continued	demonstrate proficiency in Pagemaker (Mac/PC) desktop publishing software to create brochures and flyers
CIS 229B-Desktop Publishing Using Quark X-press (Mac/PC) continued	prepare more complex newsletter and template projects using an integrated desktop publishing system including a computer, laser printer, graphic scanner or digital camera and Quark page layout software
CIS 229B-Desktop Publishing Using Quark X-press (Mac/PC) continued	prepare more complex newsletter and template projects using an integrated desktop publishing system including a computer, laser printer, graphic scanner or digital camera and Quark page layout software
CIS 229B-Desktop Publishing Using Quark X-press (Mac/PC) continued	set application and publication-level defaults, import graphics and text, navigate screens, menus, and the tool palette, to integrate text and graphics in order to produce professional level
CIS 229B-Desktop Publishing Using Quark X-press (Mac/PC) continued	set application and publication-level defaults, import graphics and text, navigate screens, menus, and the tool palette, to integrate text and graphics in order to produce professional level publications
CIS 229C-Desktop Publishing for the Macintosh and PC Using Quark	build a morgue (library of stories, photos, and other materials) including good and bad examples of page layout and typefaces to be used to demonstrate to clients the potential look and feel of a custom-designed publication.
CIS 229C-Desktop Publishing for the Macintosh and PC Using Quark	prepare more complex newsletter and template projects using an integrated desktop publishing system including a computer, laser printer, graphic scanner, or digital camera and InDesign page layout software.
CIS 230-Laboratory Practice in Microcomputers	apply principles learned in associated classes to complete self-paced lab assignments
CIS 230-Laboratory Practice in Microcomputers	work independently in a self-paced format, applying principles learned in associated classes, to complete lab assignments using a single program
CIS 231-Advanced Laboratory Projects in Microcomputers	apply principles learned in associated classes to complete a capstone project
CIS 231-Advanced Laboratory Projects in Microcomputers	design a project which integrates three or more office productivity applications under program control to solve a real world problem
CIS 231-Advanced Laboratory Projects in Microcomputers	design a project which solves a real world problem
CIS 231-Advanced Laboratory Projects in Microcomputers	develop a computer program or website which links three or more programs or applications
CIS 237-Introduction to Internet Basics	distinguish among computer terms and trends in Computer Information Systems and demonstrate proficiency in using office productivity applications
CIS 237-Introduction to Internet Basics	distinguish among Internet terms; demonstrate ability to use e-mail; formulate Internet searches to answer specific research questions
CIS 237-Introduction to Internet Basics	evaluate information found on the world wide web
CIS 243-Foundations in Computer Skills	compose and send e-mails
CIS 243-Foundations in Computer Skills	find and evaluate basic information through Internet searches
CIS 243-Foundations in Computer Skills	prepare a simple PowerPoint Presentation
CIS 243-Foundations in Computer Skills	prepare a simple web page
CIS 245A-Introduction to Microsoft Access	distinguish among computer terms and trends in Computer Information Systems and demonstrate proficiency in using office productivity applications
CIS 245A-Introduction to Microsoft Access	distinguish among database design concepts and database components; explain fundamental relational database principles; create and utilize simple relational databases, using two tables; create and edit tables, develop queries and reports; create and customize forms and report
CIS 245B-Microsoft Access with Visual Basic for Applications (VBA) I	analyze database user needs and performance requirements in order to design and build a relational database in MS Access; create custom forms that provide advanced functionality for data entry, information display, and communications using VBA
CIS 245B-Microsoft Access with Visual Basic for Applications (VBA) I	analyze reporting needs and craft a variety of reports, including subreports, formulas, charts and pivot tables explain in writing and verbally the purpose of the reports and the meaning of report contents; describe the options available for creating a customized user interface
CIS 245B-Microsoft Access with Visual Basic for Applications (VBA) I	distinguish among computer terms and trends in Computer Information Systems and demonstrate proficiency in using office productivity applications
CIS 245C-Microsoft Access with Visual Basic for Applications (VBA) II	design and build a relational database in MS Access, appropriate for multiple users; describe the attributes of a high-performance relational database in a multi-user environment; develop Macros, custom menus and toolbars to enhance the user interface, assess means of integrating data from other sources and applications, make recommendations about data integration, and modify database accordingly; discuss security issues and describe how they can be addressed
CIS 245C-Microsoft Access with Visual Basic for Applications (VBA) II	distinguish among of computer terms and trends in Computer Information Systems and demonstrate proficiency in using office productivity applications
CIS 246-Introduction to Powerpoint	create and customize a professional quality business presentation using clip art, design themes, animation, transitions, sound, charts, shapes, tables and hyperlinks
CIS 246-Introduction to Powerpoint	deliver a professional quality business presentation that is visually attractive using effective design principles
CIS 246-Introduction to Powerpoint	design a presentation applying knowledge and analysis of the communication features of a presentation graphics program
COMM 001A-Introduction to Speech	Create and deliver structured, well documented, persuasive speeches
COMM 002A-The Fundamentals of Oral Interpretation of Literature	analyze literature critically, retaining vocabulary of interpretation and acquiring knowledge of principles of interpretation and devices of language, prose, poetry, and drama
COMM 002A-The Fundamentals of Oral Interpretation of Literature	demonstrate creative thinking and communication in performance work, communicating verbally and nonverbally, and reading, analyzing, and performing material from a compilation of written and mediated materials, as well as reading aloud selections from poetry, prose and drama
COMM 002A-The Fundamentals of Oral Interpretation of Literature	evaluate and critique own and others' performances in terms of aesthetic, ethical, and political choices, critically evaluating performance both prior to and after reading aloud, and analyzing material and delivery with respect to vocal inflection and range, placement, gesture and body expression, and need for effective listening
COMM 002B-The Fundamentals of Oral Interpretation of Literature	analyze and critique short stories, myths, and fables and understand role of narration, characterization and plot, as well as the role of myths and fables throughout time
COMM 002B-The Fundamentals of Oral Interpretation of Literature	Describe the devices of short stories, myths, and fables, as well as the structure of myth, fables and short stories, the role of metaphor and exaggeration, and the role of narrator

Courses	Outcome Description
COMM 002B-The Fundamentals of Oral Interpretation of Literature	Read aloud selections from short stories, myths and fables and paraphrase myth and fable in modern life, with insight, confidence and logic, originality, vocal variation, eye contact, and body movement.
COMM 003	Prepare an informative speech outline and deliver an informative speech using an effective introduction, main points, transitions, and conclusion.
COMM 004-The Dynamics of Group Discussion	apply group teamwork techniques to deliver a successful group outcome
COMM 004-The Dynamics of Group Discussion	conduct and analyze research on current global/social or political issues by gathering information from reliable sources
COMM 004-The Dynamics of Group Discussion	demonstrate decision making, conflict resolution and problem solving skills to develop successful group relationships
COMM 005-Persuasion and Critical Thinking	Distinguish between opinion, assumptions and fact.
COMM 005-Persuasion and Critical Thinking	Identify a problem or argument, isolate facts related to the argument, generate multiple solutions to the problem, and predict consequences, and use evidence and sound reasoning to justify a well informed position.
COMM 005-Persuasion and Critical Thinking	Identify their background beliefs, surroundings, worldview, and biases that block sound reasoning in oral and written communication.
COMM 005-Persuasion and Critical Thinking	React critically to media of all forms.
COMM 020-Interpersonal Communication Skills	examine and improve interpersonal skills and self awareness
COMM 045-Public Speaking	compile and analyze research on current social or political issues by gathering information from reliable sources
COMM 045-Public Speaking	create, deliver and structure persuasive and creative speeches to diverse audiences
COPED 450, 456G, 458D, 462GH, 464AB, 468B, 484A-Occupational Work Experience	analyze and document how the topics studied in school relate to on-the-job experiences
COPED 450, 456G, 458D, 462GH, 464AB, 468B, 484A-Occupational Work Experience	apply interpersonal communication skills to a job experience with co-workers and supervisors and in class with fellow students and the Cooperative Work Experience Education instructor
COPED 451-Occupational Work Experience	analyze and document how the topics studied in school relate to on-the-job experiences
COPED 451-Occupational Work Experience	apply interpersonal communication skills to a job experience with co-workers and supervisors and in class with fellow students and the Cooperative Work Experience Education instructor
COUN 024-College Success	demonstrate and apply knowledge and skills needed to become a fully engaged, organized college student
COUN 024-College Success	demonstrate responsibility for learning, by seeking help from instructional/counseling faculty, students, and campus resources
COUN 024-College Success	manage and apply essential study skills techniques and strategies
COUN 057-Career and Life Planning	conduct a self-analysis of values, interests and personality type and apply to career choices
COUN 057-Career and Life Planning	Explain and model components of a successful career search
COUN 057-Career and Life Planning	research and report on one potential career of interest
COUN 057-Career and Life Planning	use and apply self-knowledge to develop and complete goals
COUN 200A-Orientation to College	describe and navigate the registration and enrollment process, the matriculation process, student grievance procedures and grading policies
COUN 200A-Orientation to College	effectively use campus resources, catalogs, PASSPORT system, and the student handbook
COUN 200A-Orientation to College	explain the difference between the various college programs offered, such as certificates, AA, and transfer program
COUN 200B-Orientation to College	create and understand the function of a Student Education Plan (SEP)
COUN 200B-Orientation to College	explain critical skills required for student success including time management, study skills, and group participation
COUN 200B-Orientation to College	research and select a potential major or educational goal
COUN 207A-Career Exploration	collect research and report on two potential careers of interest
COUN 207A-Career Exploration	conduct a self-analysis of values, interests, and personality type and apply to career choices
COUN 207A-Career Exploration	explain and model components of a successful career search
COUN 207A-Career Exploration	function as a productive member of a group by cooperating in interactive learning tasks
COUN 207B-Career Exploration	collect research and report on two potential careers of interest
COUN 207B-Career Exploration	conduct a self-analysis of values, interests, and personality type and apply to career choices
COUN 207B-Career Exploration	explain and model components of a successful career search
COUN 207B-Career Exploration	function as a productive member of a group by cooperating in interactive learning tasks
COUN 207B-Career Exploration	collect research and report on two potential careers of interest
COUN 207C-Career Exploration	conduct a self-analysis of values, interests, and personality type and apply to career choices
COUN 207C-Career Exploration	explain and model components of a successful career search
COUN 207C-Career Exploration	function as a productive member of a group by cooperating in interactive learning tasks
COUN 221-Preparing for College/ University Transfer	choose appropriate colleges and universities for transfer based on selected majors
COUN 221-Preparing for College/ University Transfer	describe the process of developing a Student Education Plan (SEP)
COUN 221-Preparing for College/ University Transfer	identify and locate transfer resources
COUN 221-Preparing for College/ University Transfer	investigate criteria of admission for transfer to colleges and universities
COUN 224-College Preparedness	demonstrate and apply knowledge and skills needed to become a fully engaged, organized college student
COUN 224-College Preparedness	demonstrate responsibility for learning.
COUN 224-College Preparedness	describe and apply essential study skills techniques and strategies
DEMO AREA	Acquire, organize and edit video and audio assets for a 3-minute video piece using Final Cut Pro Studio and research necessary information about technical problems using online resources.
DEMO AREA	Document a video piece describing its theme, audience and aims, identifying its visual and audio elements, and how those elements contribute to its overall content and aesthetic.
DEMO AREA	Present a rough, intermediate and final version of the piece to the class and incorporate appropriate suggestions from class members into the final version; critique presented pieces in a constructive and respectful way.
DEMO AREA	Students will be able to ...
DEMO AREA	Students will be punctual
DEMO AREA	Test
ECON 001-Principles of Economics (Macro Economics)	explain economic principles and analyze how economic resources and opportunity costs relate to the production possibilities curve
ECON 001-Principles of Economics (Macro Economics)	predict whether equilibrium price and quantity will increase or decrease when there is a change in supply and/or demand
ECON 001-Principles of Economics (Macro Economics)	propose appropriate fiscal and monetary policies to reduce unemployment and control inflation based on Keynesian economics
ECON 002-Principles of Economics (Micro Economics)	analyze the four basic market models and their profit-maximizing output based upon their costs of production, marginal revenue, demand, and elasticity of demand, critiquing the efficiency of the market
ECON 002-Principles of Economics (Micro Economics)	explain consumer decision making using indifference curves
ECON 002-Principles of Economics (Micro Economics)	formulate circumstances that make international trade desirable and explain how trade is financed
ECON 037-International Trade Finance	evaluate the use of international finance instruments and payment options
ECON 037-International Trade Finance	explain various trade finance/banking services and government incentive programs available to US companies
ECON 037-International Trade Finance	identify, assess, and mitigate international risks as applied to international trade and finance
EDUC 001-Introduction to the Field of Education	analyze models and methods of effective teaching, especially in relation to the needs of a diverse student body
EDUC 001-Introduction to the Field of Education	describe how children and adults learn and how cognitive, social, cultural, and emotional factors – as well as race, class, and gender -- affect learning
EDUC 001-Introduction to the Field of Education	prepare a lesson and create a philosophy of education statement at a rudimentary level applying knowledge of effective teaching strategies
EDUC 097-Field Studies in Education	assess student needs and implement lesson plans in field situations
EDUC 097-Field Studies in Education	describe effective, student-centered strategies for working with students to increase their skills and learning, bearing in mind different learning styles
ENGL 001A-Composition and Reading	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 001A-Composition and Reading	write effective, well edited, well organized research papers of 3,000-5,000 words, which apply appropriate and clear organization strategies
ENGL 001A-Composition and Reading	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 001B-Composition and Reading	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 001B-Composition and Reading	effectively analyze literature in light of historical context, critical theories, and/or formal elements
ENGL 001B-Composition and Reading	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 005-Critical Thinking	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 005-Critical Thinking	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 005-Critical Thinking	apply critical reasoning techniques to reading and writing: critically analyze argumentation; use sound inductive and deductive reasoning
ENGL 005-Critical Thinking	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 010A-Creative Writing	write a piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 010A-Creative Writing	write a poem with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 010A-Creative Writing	write a short play or screenplay with strong character development, plot, dramatic sequencing, dialogue and/or monologue, using appropriate language to reveal characters
ENGL 010B-Creative Writing	write a piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 010B-Creative Writing	write a play or screenplay with strong character development, plot, dramatic sequencing, dialogue and/or monologue, using appropriate language to reveal characters
ENGL 010B-Creative Writing	write a poem with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 014-Non-Fiction Writing	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 014-Non-Fiction Writing	apply writing strategies effectively, considering audience, context, purpose, and conventions of American non-fiction writing
ENGL 017A-Shakespeare	effectively analyze literature of Shakespeare in light of historical context, critical theories, and/or formal elements
ENGL 017A-Shakespeare	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 017B-Shakespeare	effectively analyze literature of Shakespeare in light of historical context, critical theories, and/or formal elements
ENGL 017B-Shakespeare	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 020-Introduction to Dramatic Literature	effectively analyze plays as literature in light of historical context, critical theories, and/or formal elements
ENGL 020-Introduction to Dramatic Literature	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 021-Film: Art and Communication	effectively analyze films as literature in light of historical context, critical theories, and/or formal elements
ENGL 021-Film: Art and Communication	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 031-Survey of African-American Literature	effectively analyze African-American literature in light of historical context, critical theories, and/or formal elements
ENGL 031-Survey of African-American Literature	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 032A-Contemporary Women Writers	effectively analyze women's literature in light of historical context, critical theories, and/or formal elements
ENGL 032A-Contemporary Women Writers	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 032B-Contemporary Women Writers	effectively analyze women's literature in light of historical context, critical theories, and/or formal elements
ENGL 032B-Contemporary Women Writers	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 033B-Introduction to Contemporary Literature	effectively analyze contemporary literature in light of historical context, critical theories, and/or formal elements
ENGL 033B-Introduction to Contemporary Literature	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 037A-American Fiction (1914 to 1945)	effectively analyze American literature (1914-1945) in light of historical context, critical theories, and/or formal elements
ENGL 037A-American Fiction (1914 to 1945)	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 037B-American Fiction (1945 to present)	effectively analyze American literature (1945-present) in light of historical context, critical theories, and/or formal elements

Courses	Outcome Description
ENGL 037B-American Fiction (1945 to present)	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 044A-Masterpieces of World Literature	effectively analyze world literature in light of historical context, critical theories, and/or formal elements
ENGL 044A-Masterpieces of World Literature	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 044B-Masterpieces of World Literature	effectively analyze American literature (1945-present) in light of historical context, critical theories, and/or formal elements
ENGL 044B-Masterpieces of World Literature	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 047-Children's Literature	effectively analyze children's literature in light of historical context, critical theories, and/or formal elements
ENGL 047-Children's Literature	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 050 Multicultural American Literature	write a strong essay demonstrating ability to analyze multicultural literature, considering historical and social context
ENGL 053-Technical Writing	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 053-Technical Writing	apply writing tools effectively, considering audience, context, purpose, and conventions of American technical writing
ENGL 070A-Transforming Autobiography into Creative Writing	write a piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 070A-Transforming Autobiography into Creative Writing	write a play or screenplay with strong character development, plot, dramatic sequencing, dialogue and/or monologue, using appropriate language to reveal characters
ENGL 070A-Transforming Autobiography into Creative Writing	write a poem with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 070B-Transforming Autobiography into Creative Writing	write a piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 070B-Transforming Autobiography into Creative Writing	write a play or screenplay with strong character development, plot, dramatic sequencing, dialogue and/or monologue, using appropriate language to reveal characters
ENGL 070B-Transforming Autobiography into Creative Writing	write a poem with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 071A-Introduction to Fiction Writing	write a piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 071B-Introduction to Fiction Writing	write a piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 072A-Intermediate Fiction Writing	write a piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 072B-Intermediate Fiction Writing	write a piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 073A-Intensive Fiction Writing	write a piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 073B-Intensive Fiction Writing	write a piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 074-Fiction: Special Projects	research venues for publication or public presentation of work
ENGL 074-Fiction: Special Projects	write a highly polished piece of fiction with strong character development, plot, conflict, and dialogue, using original language
ENGL 082-Introduction to Latino/ Chicano Literature	effectively analyze Latino/Chicano literature in light of historical context, critical theories, and/or formal elements
ENGL 082-Introduction to Latino/ Chicano Literature	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 083- American Nature Writing	effectively analyze American nature writing in light of historical context, critical theories, and/or formal elements
ENGL 083- American Nature Writing	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 085A-Literature in English through Milton	effectively analyze literature in English through Milton in light of historical context, critical theories, and/or formal elements
ENGL 085A-Literature in English through Milton	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 085B-Literature in English: Late-17th through Mid-19th Century	effectively analyze literature in English from the late 17th through mid-19th century in light of historical context, critical theories, and/or formal elements
ENGL 085B-Literature in English: Late-17th through Mid-19th Century	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 085C-Literature in English: Mid-19th through the 20th Century	effectively analyze literature in English from the mid-19th century to the present in light of historical context, critical theories, and/or formal elements
ENGL 085C-Literature in English: Mid-19th through the 20th Century	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 086-Introduction to Playwriting and Screenwriting	write the first act of a play or screenplay with strong character development, plot, dramatic sequencing, dialogue and/or monologue, using appropriate language to reveal characters
ENGL 087-Intermediate Playwriting and Screenwriting	write the first act of a play or screenplay with strong character development, plot, dramatic sequencing, dialogue and/or monologue, using appropriate language to reveal characters
ENGL 088-Intensive Playwriting and Screenwriting	write the first act of a play or screenplay with strong character development, plot, dramatic sequencing, dialogue and/or monologue, using appropriate language to reveal characters
ENGL 089-Playwriting and Screenwriting: Special Projects	research venues for publication or public presentation of work
ENGL 089-Playwriting and Screenwriting: Special Projects	write a highly polished first act of a play or screenplay with strong character development, plot, dramatic sequencing, dialogue and/or monologue, using appropriate language to reveal characters
ENGL 091A-Introduction to Poetry Writing	write a poem with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 091B-Introduction to Poetry Writing	write a poem with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 092A-Intermediate Poetry Writing	write a poem with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 092B-Intermediate Poetry Writing	write a poem with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 093A-Intensive Poetry Writing	write a poem with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 093B-Intensive Poetry Writing	write a poem with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 094-Poetry: Special Projects	research venues for publication or public presentation of work
ENGL 094-Poetry: Special Projects	write a well sequenced collection of poetry of at least 24 pages, with strong use of voice, imagery, and poetic conventions of form and sound, using original language
ENGL 100A College Composition and Reading	apply active reading strategies, including prereading, summarizing, and effectively annotating
ENGL 100A College Composition and Reading	write a research paper of 3,000-5,000 words which demonstrates strong organization, sentence structures, and editing, as well as effective research and idea development
ENGL 100A College Composition and Reading	write well organized, well developed, well edited, and clear essays
ENGL 101A-Integrated Composition Studies	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 101A-Integrated Composition Studies	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 101B-Integrated Composition Studies	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 101B-Integrated Composition Studies	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 120-Literary Journal Editing	demonstrate the ability to select and sequence material for a literary journal
ENGL 130-Introduction to English Syntax and Grammar	edit English sentences to improve coherence and effectiveness
ENGL 130-Introduction to English Syntax and Grammar	parse sentences and describe the syntactic roles of their parts
ENGL 130-Introduction to English Syntax and Grammar	write effective, well edited essays
ENGL 138-Survey of Asian-American Literature	effectively analyze Asian-American literature in light of historical context, critical theories, and/or formal elements
ENGL 138-Survey of Asian-American Literature	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 201A-Preparation for Composition and Reading	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 201A-Preparation for Composition and Reading	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 201B-Preparation for Composition and Reading	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 201B-Preparation for Composition and Reading	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 204 A-B Preparation for Composition, Reading, and Research	apply active reading strategies in order to identify main ideas explain ideas in texts
ENGL 204 A-B Preparation for Composition, Reading, and Research	apply knowledge of own and others' working and learning styles, as well as effective communication strategies, in class and team settings
ENGL 204 A-B Preparation for Composition, Reading, and Research	write clear, well organized research papers of 1,000-1,500 words
ENGL 204 A-B Preparation for Composition, Reading, and Research	Write well organized, well developed, clear essays
ENGL 208A-D- Writing Workshop	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 217A-Shakespeare	effectively analyze literature of Shakespeare in light of historical context, critical theories, and/or formal elements
ENGL 217B-Shakespeare	effectively analyze literature of Shakespeare in light of historical context, critical theories, and/or formal elements
ENGL 220-Introduction to Dramatic Literature	effectively analyze drama as literature in light of historical context, critical theories, and/or formal elements
ENGL 231-Survey of African-American Literature	effectively analyze African-American literature in light of historical context, critical theories, and/or formal elements
ENGL 232A-Contemporary Women Writers	effectively analyze women's literature in light of historical context, critical theories, and/or formal elements
ENGL 232B-Contemporary Women Writers	effectively analyze women's literature in light of historical context, critical theories, and/or formal elements
ENGL 237A-American Fiction (1914 to 1945)	effectively analyze American literature in light of historical context, critical theories, and/or formal elements
ENGL 237B-American Fiction (1945 to Present)	effectively analyze American literature in light of historical context, critical theories, and/or formal elements
ENGL 238-Survey of Asian-American Literature	effectively analyze Asian-American literature in light of historical context, critical theories, and/or formal elements
ENGL 258-Writing Workshop (Basic Skills)	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 269A-Foundations in Reading and Writing	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 269A-Foundations in Reading and Writing	write well organized, well developed, effective, well edited, logically sound, and clear essays
ENGL 269B-Foundations in Reading and Writing	apply active reading strategies in order to identify main ideas and critically analyze and explain ideas in texts
ENGL 269B-Foundations in Reading and Writing	write well organized, well developed, effective, well edited, logically sound, and clear essays
ESL 021A-Writing 5 (Composition/Reading)	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
ESL 021A-Writing 5 (Composition/Reading)	write clear and effective, well organized, well developed, well edited, and logically sound sentences and paragraphs, and essays, citing sources appropriately
ESL 021B-Writing 6 (Composition/Reading)	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in text
ESL 021B-Writing 6 (Composition/Reading)	write clear and effective, well organized, well developed, well edited, and logically sound sentences and paragraphs, and essays, citing sources appropriately
ESL 023-Reading 5	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
ESL 050A-B Advanced Listening and Speaking	Comprehend and respond appropriately to spoken American English.
ESL 050A-B Advanced Listening and Speaking	Demonstrate comprehension of and use American cultural conventions in oral communications
ESL 050A-B Advanced Listening and Speaking	Express ideas fluently, accurately, and appropriately in spoken American English.
ESL 052A-B Advanced Reading and Writing	Apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts.
ESL 052A-B Advanced Reading and Writing	Write clear and effective, well-organized, well developed, well edited, and logically sound sentences, paragraphs, and essays, citing sources appropriately.
ESL 200A-Speaking 3	comprehend and respond appropriately to spoken American English
ESL 200A-Speaking 3	demonstrate knowledge of and use of American cultural conventions in oral communications
ESL 200A-Speaking 3	express ideas fluently, accurately, and appropriately in spoken American English
ESL 200B-Speaking 4	comprehend and respond appropriately to spoken American English
ESL 200B-Speaking 4	demonstrate knowledge of and use of American cultural conventions in oral communications
ESL 200B-Speaking 4	express ideas fluently, accurately, and appropriately in spoken American English
ESL 200C-Speaking 5	comprehend and respond appropriately to spoken American English
ESL 200C-Speaking 5	demonstrate knowledge of and use of American cultural conventions in oral communications
ESL 200C-Speaking 5	express ideas fluently, accurately, and appropriately in spoken American English
ESL 201A-Writing 3	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
ESL 201A-Writing 3	write clear and effective, well organized, well developed, well edited, and logically sound sentences and paragraphs, and essays, citing sources appropriately
ESL 201B-Writing 4	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
ESL 201B-Writing 4	write clear and effective, well organized, well developed, well edited, and logically sound sentences, paragraphs, and essays, citing sources appropriately
ESL 202A-Grammar 3	Use grammatical structures to accurately and effectively express ideas in English.

Courses	Outcome Description
ESL 202B-Grammar 4	Use grammatical structures to accurately and effectively express ideas in English.
ESL 202C-Grammar 5	use grammatical structures to accurately and effectively express ideas in English
ESL 202D-Grammar 6A	use grammatical structures to accurately and effectively express ideas in English
ESL 202D-Grammar 6A	write clear and effective, well-organized, well developed, well edited, and logically sound sentences, paragraphs, and essays, citing sources appropriately.
ESL 202E-Grammar 6B	use grammatical structures to accurately and effectively express ideas in English
ESL 202E-Grammar 6B	write clear and effective, well-organized, well developed, well edited, and logically sound sentences, paragraphs, and essays, citing sources appropriately
ESL 203A-Reading 3	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
ESL 203B-Reading 4	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
ESL 205A-Vocabulary and Idioms in Context 3	Demonstrate comprehension of and use appropriate idiomatic expressions and vocabulary in English
ESL 205B-Vocabulary and Word Analysis in Context 4	demonstrate comprehension of and use appropriate idiomatic expressions and vocabulary in English
ESL 216A-B High Intermediate Grammar	Use grammatical structures to accurately and effectively express ideas in English.
ESL 217A-B Advanced Grammar	Use grammatical structures to accurately and effectively express ideas in English.
ESL 218A-D- Writing Workshop (ESL)	write clear and effective, well organized, well developed, well edited, and logically sound sentences and paragraphs, and essays, citing sources appropriately
ESL 219A-B Applied Grammar and Editing	Use grammatical structures to accurately and effectively express ideas in English.
ESL 219A-B Applied Grammar and Editing	Write clear and effective, well-organized, well developed, well edited, and logically sound sentences, paragraphs, and essays, citing sources appropriately.
ESL 223A-B High Intermediate Reading and Writing	Apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts.
ESL 223A-B High Intermediate Reading and Writing	Write clear and effective, well-organized, well developed, well edited, and logically sound sentences, paragraphs, and essays, citing sources appropriately.
ESL 233A-B High Intermediate Listening and Speaking	Comprehend and respond appropriately to spoken American English.
ESL 233A-B High Intermediate Listening and Speaking	Demonstrate comprehension of and use American cultural conventions in oral communications
ESL 233A-B High Intermediate Listening and Speaking	Express ideas fluently, accurately, and appropriately in spoken American English
ESL 250A-Speaking 1	comprehend and respond appropriately to spoken American English
ESL 250A-Speaking 1	demonstrate knowledge of and use of American cultural conventions in oral communications
ESL 250A-Speaking 1	express ideas fluently, accurately, and appropriately in spoken American English
ESL 250B-Speaking 2	comprehend and respond appropriately to spoken American English
ESL 250B-Speaking 2	demonstrate knowledge of and use of American cultural conventions in oral communications
ESL 250B-Speaking 2	express ideas fluently, accurately, and appropriately in spoken American English
ESL 251A-Writing 1	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
ESL 251A-Writing 1	write clear and effective, well organized, well developed, well edited, and logically sound sentences and paragraphs
ESL 251B-Writing 2	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
ESL 251B-Writing 2	write clear and effective, well organized, well developed, well edited, and logically sound sentences and paragraphs
ESL 252A-Grammar 1	use grammatical structures to accurately and effectively express ideas in English
ESL 252B-Grammar 2	use grammatical structures to accurately and effectively express ideas in English
ESL 253A-Reading 1	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
ESL 253B-Reading 2	apply active reading strategies in order to comprehend, critically analyze, and explain ideas in texts
ESL 256A-Spelling 1: Spelling & Phonics	use the spelling patterns of American English to accurately and effectively express ideas in written communication
ESL 257A-B Pronunciation 3, 4	Use the sound system of American English to understand and accurately and effectively express ideas in oral communication.
ESL 257A-Pronunciation 3	use the sound system of American English to accurately and effectively express ideas in oral communication
ESL 257B-Pronunciation 4	use the sound system of American English to accurately and effectively express ideas in oral communication
ESL 258-Conversation 2	comprehend and respond appropriately to spoken American English
ESL 258-Conversation 2	demonstrate knowledge of and use of American cultural conventions in oral communications
ESL 258-Conversation 2	express ideas fluently, accurately, and appropriately in spoken American English
ESL 262-ESL in the Workplace	understand and use spoken and written English to effectively communicate in the workplace
ESL 290A-C- Beginning ESL 1	understand and use English to communicate in everyday personal and vocational situations
ESL 291A-C- Beginning ESL 2	understand and use English to communicate in everyday personal and vocational situations
ESL 292A-C- Intermediate ESL 1	understand and use intermediate English to communicate in everyday personal and vocational situations
FREN 001A-Elementary French	Demonstrate knowledge of the cultural, literary, and linguistic structure that exists in the French-speaking world.
FREN 001A-Elementary French	Use grammar and vocabulary to demonstrate communicative competence in the French language
GEOG 001L-Physical Geography Laboratory	analyze practical examples of physical phenomena using topographic maps, weather charts, statistical data, Internet resources, and field observations
GEOG 001-Physical Geography	Construct, analyze, and reach valid conclusions from analysis of graphs, geographic diagrams, statistics, and maps.
GEOG 001-Physical Geography	Explain how hydrologic, tectonic, erosional, and atmospheric processes, as well as earth-sun relationships, are interconnected and shape the physical and human environment.
GEOG 002-Cultural Geography	Analyze ways in which societies interact with their physical environments, including adaptations to, and modifications of, the environment as well as reactions to change in the environment.
GEOG 002-Cultural Geography	Describe a variety of conditions in which complex social systems have emerged and transformed and the ways in which aspects of these societies, such as belief systems, social stratification, differential access to resources, and gender, function and interact.
GEOG 003-World Regional Geography	Define world regions based upon such environmental criteria as climate, location, topography, language, religion, ethnicity, politics, economics, and natural resources.
GEOG 003-World Regional Geography	Describe the interactions among culture, technology, and the physical environment.
GEOG 005-Economic Geography	analysis of evolving development trends in world economy using graphs, diagrams, statistical data, and case studies
GEOG 005-Economic Geography	understanding the conceptual framework of contemporary economic science
GEOG 010-Introduction to Geography	Identify and describe basic concepts and patterns in physical and human geography
GEOG 010-Introduction to Geography	Understand geographic relationships by reading, discussing, and writing about current world issues and events as they relate to earth's physical and cultural environment
GEOG 010-Introduction to Geology	describe and classify 8 kinds of rock and 8 minerals
GEOG 010-Introduction to Geology	describe various features of Bay Area topography and their origins
GEOG 010-Introduction to Geology	Describe, classify, know the origin of 8 common minerals and 8 common rocks. Relate the origin of these minerals and rocks to plate tectonics.
GEOG 010-Introduction to Geology	Describe: 8 rocks: granite, basalt, sandstone, shale, limestone, slate, schist, gneiss. 9 minerals: quartz, feldspar, biotite, muscovite, olivine, amphibole, pyroxene, calcite, pyrite
GEOG 010-Introduction to Geology	Explain how the Earth works: origin and fate of magma, origin and fate of sediments, deformation of the crust, metamorphism, landscape development, mountain-building, climate environment through time, geologic time, water, resources, and life.
GEOG 010-Introduction to Geology	explain plate tectonics and the hazards posed by the Hayward Fault
GEOG 010-Introduction to Geology	Explain with maps, cross-sections, and block diagrams, using quantitative scale where necessary, the relationship of Bay area topography, the San Andreas Fault, and the Hayward Fault to Plate Tectonics. Your explanation should include the hazards posed by Bay Area geology emphasizing earthquakes and landslides. Prepare a personal emergency plan to deal with those hazards.
GEOG 010-Introduction to Geology	prepare a personal emergency plan in the event of an earthquake
GEOG 010L	Describe eight common rocks and nine common minerals
GEOG 010L	Explain geologic principles, processes, and products
GEOG 010L	Explain plate tectonics
HIST 001-American Indian History and Culture	assess contemporary issues impacting American Indian communities today
HIST 001-American Indian History and Culture	describe and analyze varied historical interpretations of the seminal moments in American Indian History
HIST 001-American Indian History and Culture	describe the diverse cultures of indigenous peoples of North America and identify their contributions to U.S. and world culture, economics, and politics
HIST 002A-History of European Civilization	discuss the past through the voices and primary sources of those who lived it and left records. Research and critically analyze a topic selected from a provided list of topics for this course, and present the results in written form
HIST 002A-History of European Civilization	explain the importance of the twin developments of farming and urbanization; analyze, interpret, and explain the growth of Mediterranean culture from the dawn of history through the Protestant Reformation, including the interaction of religious, political, economic and cultural development
HIST 002A-History of European Civilization	identify and discuss the chronological progression of human events, including causal forces as well as both short and long term impacts; critically evaluate and define issues in the interaction of economic, social, cultural and political order in response to changing historical circumstances
HIST 002A-History of European Civilization	identify and recognize the historical geography of ancient civilizations in the Middle East, Mediterranean Africa and Europe; analyze historical and geographic importance of the continents of Europe, Asia, and Africa, especially their intersection in the Middle East
HIST 002B-History of European Civilization	analyze, interpret, and explain the history of the modern Western world from the Reformation to the present; understand and explain how intense political, religious, and economic competition within Europe led to domestic conflict and international domination since the 15th century
HIST 002B-History of European Civilization	examine and discuss the past through the voices and primary sources of those who lived it and left records. Research and critically analyze a topic selected from a provided list of topics for this course, and present the results in written form
HIST 002B-History of European Civilization	examine the role of geography in domestic conflict and their eventual international dominance from the 16th century through the mid-20th century; appreciatively discuss the historical and geographical differences within Europe and how the revolutionary changes of the modern era reinforced those differences
HIST 002B-History of European Civilization	identify and discuss the chronological progression of human events, including causal forces as well as both short and long term impacts; critically evaluate and define issues of economic, social, cultural and political order in response to changing historical circumstances
HIST 003-Modern World History	analyze the shrinking globe and the resultant interdependence of nations and individuals
HIST 003-Modern World History	collect evidence to show the Western political, technological, and philosophical ideas that are impacting the whole world today and apply a pattern of revolution to the American, French, Russian and Industrial Revolutions
HIST 003-Modern World History	critically analyze the forces that prompted liberalism nationalism, and imperialism in the 19th, 20th centuries and their impact today
HIST 005-History of Mexico	analyze Mexico's U.S. relations
HIST 005-History of Mexico	analyze the impacts of race, gender, class and ethnicity
HIST 005-History of Mexico	analyze the major effects of conquest and colonization
HIST 005-History of Mexico	demonstrate an understanding of important issues facing Mexico today
HIST 005-History of Mexico	distinguish between and use both primary and secondary historical sources
HIST 005-History of Mexico	explain major episodes in Mexico's political, economic, social and cultural history
HIST 007A-History of the United States (to 1877)	analyze and describe varied historical interpretations of the seminal moments in American history from pre-contact societies to 1877
HIST 007A-History of the United States (to 1877)	analyze how different perspectives lead to different interpretations of events in American history
HIST 007A-History of the United States (to 1877)	evaluate the status of marginalized people in American society and offer a critique of how social, political, and economic factors may contribute to the process of marginalization in a pluralistic society
HIST 007A-History of the United States (to 1877)	explain how the issues of race, class, ethnicity, and gender influenced the development of American society, economic institutions, and the American political system
HIST 007B-History of the United States (since 1865)	analyze how different perspectives lead to different interpretations of events in American History prior to 1877

Courses	Outcome Description
HIST 007B-History of the United States (since 1865)	analyze the development of the major events and trends in American history after 1877
HIST 007B-History of the United States (since 1865)	explain how the issues of race, class, ethnicity, and gender influenced the development of American society, economic institutions, and the American political system
HIST 008B-History of Latin-American Civilization	analyze important issues facing Latin America today and describe the major themes of political economic development
HIST 008B-History of Latin-American Civilization	analyze the impacts of race, gender, class and ethnicity on the individual's place in social historical development
HIST 008B-History of Latin-American Civilization	appreciate and conduct an assessment of one's own place in the world;
HIST 008B-History of Latin-American Civilization	distinguish among and use both primary and secondary historical sources
HIST 008B-History of Latin-American Civilization	evaluate the legacies of conquest and colonialism
HIST 010B-History of Africa	analyze and evaluate the nature and causes of underdevelopment, including the impact of imperialism
HIST 010B-History of Africa	critically examine African nationalism and the fight for independence as well as its limit
HIST 010B-History of Africa	discuss current problems: AIDs, poverty, ethnic conflicts
HIST 010B-History of Africa	identify different countries and geographic regions of Africa and describe their historical evolution
HIST 012-History and Culture of Eastern Asia	analyze the connection between historical changes in East Asia in the 20th century and the current economic, political and social landscape; analyze the connection between various 20th century events and the particular histories of East Asian countries;
HIST 012-History and Culture of Eastern Asia	describe the interrelated modern histories of China, Japan, and Korea in a global context
HIST 012-History and Culture of Eastern Asia	manage collaboration of and be responsible for a joint project
HIST 012-History and Culture of Eastern Asia	students are required to come to class, participate in class, and be on time for class discussions; additionally, students must engage with their group partners outside of class to complete their group projects
HIST 012-History and Culture of Eastern Asia	students are responsible for clear oral presentations as well as clear written review
HIST 012-History and Culture of Eastern Asia	students should be able to analyze the effect of global events on domestic processes in East Asia
HIST 012-History and Culture of Eastern Asia	study the history of East Asia from the U.S. as well as Asian perspectives
HIST 017-History of the Mexican American	analyze relationships within and between Mexican Americans and other individuals / groups
HIST 017-History of the Mexican American	analyze the impacts of race, gender, class and ethnicity on the individual's place in social historical development
HIST 017-History of the Mexican American	demonstrate and understanding of important issues facing Mexican Americans today
HIST 017-History of the Mexican American	describe the major political, economic, social and cultural developments in Mexican American history
HIST 017-History of the Mexican American	distinguish between and use both primary and secondary historical sources
HIST 017-History of the Mexican American	evaluate the legacies of conquest and colonialism
HIST 019-History of California	Describe the process of interpretation of factual historical information and critically assess the role of ideology, intellectual perspective, and personal experience in creating historical meaning and narrative.
HIST 019-History of California	Outline California history and describe the historical forces that created contemporary California's complex multiethnic and multinational society.
HIST 020-History of the Jewish People	Compare and contrast the historical experiences of different groups of Jewish people in the United States, Russia, Israel, and Middle Eastern Countries in an essay form in a midterm and final exam.
HIST 020-History of the Jewish People	Present a synthesis on the status of Jewish people since biblical times to present covering a period or topic of his/her choice in an essay form in a final project.
HIST 020-History of the Jewish People	Write and present a media report examining a current topic related to Jewish Studies and how it is being covered in different media outlets, including newspapers, online media, and TV shows.
HIST 021-U.S. Women: A Social History	compare and contrast the historical experiences of different racial, ethnic, and class groupings of U.S. women
HIST 021-U.S. Women: A Social History	examine a current topic related to women's issues and how it is being covered in different media outlets, including newspapers, online media, and TV shows
HIST 021-U.S. Women: A Social History	present synthesis on the status of women since colonial times to the present
HIST 021-U.S. Women: A Social History	write a journal of autobiographies of important women activists and how they promoted women's issues in the U.S.
HIST 022-Introduction to Peace Studies	analyze major successes and failures of different peace movements around the world in the twentieth century
HIST 022-Introduction to Peace Studies	critically debate the political, social, economic and cultural pre-conditions necessary to build a more peaceful world
HIST 022-Introduction to Peace Studies	examine a current topic related to peace studies and how it is being covered in different media outlets
HIST 022-Introduction to Peace Studies	examine the world of NGOs; analyze one NGO and how it promotes peace
HIST 023-Global Perspectives	Analyze the nature of the interdependence of global systems, and the causes of their conflicts with each other.
HIST 023-Global Perspectives	Conduct in depth research using the internet to find the latest information about the current world situation and identify different global systems
HIST 023-Global Perspectives	Critically examine factual information and formulate sound historical generalizations establishing links between past historical patterns and the current world situation.
HIST 023-Global Perspectives	Discuss how global problems impact us as global citizens and how we can bring about social change.
HIST 028-American Labor Movement	Compare and contrast the historical experiences of different racial, ethnic and class groupings of U.S. workers.
HIST 028-American Labor Movement	Describe the basic economic, social and political factors that influence U.S. labor history.
HIST 028-American Labor Movement	Establish links between past social patterns and the current situation of U.S. workers.
HIST 029-Southern Africa: Combined and Uneven Development	Analyze the antecedents of present-day African political and economic problems including the nature of the slave trade and the key features of European imperialism.
HIST 029-Southern Africa: Combined and Uneven Development	Define the place of Africa in world history today, identify its leaders and the role played by key countries like South Africa.
HIST 029-Southern Africa: Combined and Uneven Development	Describe the key geographical features of Africa and their impact on the Africa of today.
HIST 031-Contemporary Middle East: Politics of Nationalism	analyze current conflicts in the Middle East, the role of oil, role of religion, and the place of the Middle East in U.S. foreign policy
HIST 031-Contemporary Middle East: Politics of Nationalism	examine a current topic related to the Middle East and how it is being covered in different American and non-American media outlets
HIST 031-Contemporary Middle East: Politics of Nationalism	examine current Middle East tension/conflict and the economic, political, and social forces behind it
HIST 031-Contemporary Middle East: Politics of Nationalism	write a final essay on a topic of choice that is related to the Middle East
HIST 032-United States Since 1945	Explain how the issues of race, class, ethnicity, and gender influenced the development of American society, economic institutions, and the American political system.
HIST 033-History of Native American Thought and Literature	analyze the purpose of Native American stories and creation/origin stories; critically examine literature; analyze and write about the major themes, organization, and writer's strategies
HIST 033-History of Native American Thought and Literature	assess cultural, historical, and political themes including social justice issues from diverse cultural areas and between urban and reservation Indians in Native American thought and literature
HIST 033-History of Native American Thought and Literature	compare Euro-American and Native American values and world views and identify anti-Indian stereotypes
HIST 037-Developing World	compare and contrast the current conditions of first, second and third worlds; and discuss current issues and problems of underdevelopment
HIST 037-Developing World	conduct in-depth research using the internet to find the latest information about the underdeveloped regions of the world
HIST 037-Developing World	define and identify different developing countries and regions and describe the historical evolution of developing countries
HIST 038-Current World Problems	analyze and describe the cause and effect of the economic gaps between rich and poor nations.
HIST 038-Current World Problems	Analyze and evaluate the measures employed by nations or institutions to resolve conflicts
HIST 038-Current World Problems	examine the history, nature and causes of regional and world conflicts from 1920 - present
HIST 039-History of Soviet Russia: 1917-Present	ability to clearly write an analytic piece, to present argument clearly, to substantiate it with evidence, and to use correct grammar and citations ability to communicate orally in front of a group, to present information and analysis clearly and persuasively
HIST 039-History of Soviet Russia: 1917-Present	attempt to understand events in the USSR from a local perspective from first-hand accounts, novels, and visual culture
HIST 039-History of Soviet Russia: 1917-Present	develop awareness of their responsibility to the class. Participation, punctuality, and cooperation are the goals
HIST 039-History of Soviet Russia: 1917-Present	evaluate varying political and economic systems in terms of ideology, application, and effectiveness and critically evaluate contemporary issues in a historical context
HIST 039-History of Soviet Russia: 1917-Present	have a base line knowledge of the events in Russia and the U.S.S.R. in the period roughly from 1900 to the present
HIST 039-History of Soviet Russia: 1917-Present	participate in class, and be on time for class discussions additionally, students must engage with their group partners outside of class to complete their group projects
HIST 039-History of Soviet Russia: 1917-Present	relate events in the Soviet Union, both domestic policy and international policy, to global forces and to the ideological background
HIST 046A-World Water Resources: Abundance into Scarcity	Describe current struggles to defend water rights in Brazil, India, and China.
HIST 046A-World Water Resources: Abundance into Scarcity	Explain the role of the IMF, WTO and World Bank in the reduction of communal water rights and identify conflicts based on water.
HIST 046A-World Water Resources: Abundance into Scarcity	Historical erosion of communal water rights in developing world, 1950's to 1980's and the development of the International water trade in the developing world.
HIST 046B-Current Middle East	Critically evaluate news media, internet sources and other source material for point of view and accuracy.
HIST 046B-Current Middle East	Describe regional geography, examine historical background for current regional tensions.
HIST 046B-Current Middle East	Evaluate the current conflict between Israel and the Palestinian people, the possibility for US Iranian conflict and the current conflict between US and Iraq.
HIST 046C-Global Conflicts over Resources	Analyze the consequences of oil competition in current global conflicts, current world military spending and current world social spending as a percentage of GNP.
HIST 046C-Global Conflicts over Resources	Describe the history of the competition for oil, military spending and rate of social spending from 1945 - present.
HIST 046C-Global Conflicts over Resources	Describe United Nations estimates of costs of eliminating world poverty and disease.
HIST 046D-Women and Globalization	Analyze the role of women's unpaid work on the global economy and the effects of global women's migration, and the global sex trade's effects on women.
HIST 046D-Women and Globalization	Describe women's political power around the globe their voting patterns or other global organizing around feminist issues.
HIST 046D-Women and Globalization	Identify how many women in the world are CEOs and have nots and evaluate global statistics on women's educational levels worldwide health and mortality, and employment.
HIST 046F-History of Modern Pandemics	Compare and contrast the way all three pandemics were and are being managed by government, health professionals and media.
HIST 046F-History of Modern Pandemics	Describe the history, causes and consequences of three pandemics; Influenza, AIDs and Avian Flu.
HIST 046F-History of Modern Pandemics	Identify lessons and alternative approaches to pandemics around the world today.
HIST 060A-Preparing an Oral History Interview	demonstrate active listening skills
HIST 060A-Preparing an Oral History Interview	demonstrate focusing and framing an oral history interview
HIST 060A-Preparing an Oral History Interview	use Ethics and Evaluations Guidelines as established by the National Oral History Association
HIST 060A-Preparing an Oral History Interview	use information competently
HIST 060B-Conducting an Oral History Interview	demonstrate active listening skills
HIST 060B-Conducting an Oral History Interview	demonstrate focusing and framing an oral history interview
HIST 060B-Conducting an Oral History Interview	use Ethics and Evaluations Guidelines as established by the National Oral History Association
HIST 060B-Conducting an Oral History Interview	use information competently
HIST 060C-Transcribing and Editing an Oral History Interview	demonstrate information competency
HIST 060C-Transcribing and Editing an Oral History Interview	resolve content and technical issues arising during transcription and editing process
HIST 060C-Transcribing and Editing an Oral History Interview	use Ethics and Evaluations Guidelines as established by the National Oral History Association
HIST 060C-Transcribing and Editing an Oral History Interview	analyze wellness-centered healthy lifestyles and philosophy utilizing group activities
HLTED 001-Exploring Health Issues	assess the impact of behavior on health and wellness

Courses	Outcome Description
HLTED 001-Exploring Health Issues	categorize risky behaviors, including substance abuse; illustrate healthy alternatives
HLTED 001-Exploring Health Issues	examine stress management techniques by focussing on examples of stressors and triggers
HLTED 009-First Aid and Safety	describe how safety awareness can prevent accidents in various situations
HLTED 009-First Aid and Safety	differentiate between common emergencies and rush cases
HLTED 009-First Aid and Safety	identify and analyze health and safety hazards
HLTED 009-First Aid and Safety	select and administer proper techniques in standard first aid cases
HLTED 015-Stress: Causes, Symptoms, and Management	apply techniques of stress management
HLTED 015-Stress: Causes, Symptoms, and Management	create wellness-centered stress management and philosophy utilizing group activities
HLTED 015-Stress: Causes, Symptoms, and Management	examine and categorize risky behaviors related to stress
HLTED 027-Human Sexuality	compare and contrast gender similarities and differences, gender roles, cultural influences affecting sexual attitudes, love and intimacy, sexual motivations, and power in sexual relationships
HLTED 027-Human Sexuality	describe laws concerning sex
HLTED 027-Human Sexuality	discuss influence of substance use on sexual behavior, STDs, HIV/AIDS and protected sex through role-playing and group activities
HLTED 027-Human Sexuality	evaluate emotional problems in light of their sexual consequences, the nature of passionate love and compassionate love, and sexuality and communication
HLTED 046F History of Modern Pandemics	analyze and describe the history, causes and consequences of three pandemics: influenza, AIDS and avian flu
HLTED 046F History of Modern Pandemics	compare and contrast the way all three pandemics were and are being managed by government, health professionals and media
HLTED 046F History of Modern Pandemics	identify lessons learned from pandemics and assess alternative approaches to pandemics around the world today
HLTOC 201-Medical Terminology I	analyze a variety of consumer medical media, including patient records, offering definitions of labeled medical terms
HLTOC 201-Medical Terminology I	determine the meanings and definitions of medical terms by applying knowledge of prefixes, suffixes and word roots, utilizing elementary medical language
HLTOC 201-Medical Terminology I	use anatomical language for digestive, endocrine, nervous, respiratory, reproductive, urinary, cardiovascular, mental systems as well as for medical specialties, and alternative and complementary medicine
HLTOC 202-Medical Terminology II	analyze a variety of professional literature, medical media, including patient records, offering definitions of labeled medical terms
HLTOC 202-Medical Terminology II	determine the meanings of medical terms by applying knowledge of prefixes, suffixes and word roots, utilizing more complex medical language
HLTOC 202-Medical Terminology II	use anatomical language for digestive, endocrine, nervous, respiratory, reproductive, urinary, cardiovascular, mental systems as well as for medical specialties, and alternative and complementary medicine
HUMAN 001-Introduction to Humanities	articulate personal sensibilities of taste and assess the diverse cultural responses and approaches that exist between people and the arts
HUMAN 001-Introduction to Humanities	critique social movements and historical changes through art
HUMAN 001-Introduction to Humanities	describe basic elements and principles of formal analysis of works of art; analyze and interpret various artistic and humanistic works of literature, art, film music, history, philosophy, etc.
HUMAN 001-Introduction to Humanities	identify, describe, and put the different humanistic disciplines into historical context, keeping in mind their various socio-cultural functions
HUMAN 001-Introduction to Humanities	name, describe, and put into historical context the major humanistic disciplines
HUMAN 005 Storytelling/American Culture	Analyze multiple genres of traditional storytelling in American culture such as popular ballads, trickster tales, folk music, immigration testimonies, news, films, and other forms of multimedia to make and express critical judgments about historical and contemporary issues
HUMAN 005 Storytelling/American Culture	Integrate knowledge of various storytelling traditions to increase self-awareness, interpersonal, and intercultural skills at home, school, work, and the greater community.
HUMAN 021-Film: Art and Communication	analyze the conventions of various film genres or styles and their significance within specific socio-cultural contexts
HUMAN 021-Film: Art and Communication	describe aspects of film history from 19th century and analyze significant aspects of film history from its inception in the 19th century to present
HUMAN 021-Film: Art and Communication	Examine a sequence of a specific film using standard film studies language in order to note how form creates meaning in the sequence
HUMAN 026-Global Cinema	analyze the role cinema plays in individual and national identity formation (gender, ethnicity, sexuality, culture, etc.) and socio-cultural memory and functions, as well as the subversive qualities of cinema
HUMAN 026-Global Cinema	analyze theoretical debates about the categorization and global circulation of films and film styles within national cinematic traditions
HUMAN 026-Global Cinema	apply an active, critical spectatorship of film to use as a tool for personal, social, and cultural awareness
HUMAN 026-Global Cinema	describe the key roles various countries have played in all areas of early and contemporary cinema production; analyze the conventions of various film genres and national cinematic history relative to the production and dissemination of genres globally; analyze theoretical debates about the categorization and global circulation of films and film style
HUMAN 030A-Human Values/ Ethics	analyze and define philosophical concepts using examples
HUMAN 030A-Human Values/ Ethics	evaluate and argue for and against philosophical concepts
HUMAN 030B-Human Values/ Aesthetics	ability to express a coherent aesthetic judgment
HUMAN 030B-Human Values/ Aesthetics	ability to recognize and appreciate the breadth of multi-cultural aesthetic perspectives
HUMAN 030B-Human Values/ Aesthetics	coherently express a responsible aesthetic judgment
HUMAN 030B-Human Values/ Aesthetics	describe history and principles of conceptual aesthetics, ability to form a critical assessment of art and artistic culture
HUMAN 030B-Human Values/ Aesthetics	describe the role of art as a part of cultural heritage
HUMAN 030B-Human Values/ Aesthetics	discriminate between subjective & "taste" and objective critique
HUMAN 030B-Human Values/ Aesthetics	recognize, describe, and demonstrate appreciation of the breadth of philosophical perspectives of aesthetics including those from historical and multi-cultural perspectives
HUMAN 030B-Human Values/ Aesthetics	utilize critical mechanisms in the formation of aesthetic judgment; express a responsible and coherent aesthetic judgment; demonstrate appreciation of the breadth of multi-cultural aesthetic perspectives
HUMAN 040-Religions of the World	ability to assess the relationship of the self to itself, as well as to society and to the environment at large, as represented in various religious models
HUMAN 040-Religions of the World	ability to objectively discuss strengths, weaknesses, and overall value or lack thereof of religious traditions
HUMAN 040-Religions of the World	ability to sensitively and impartially critique the role of religious culture
HUMAN 040-Religions of the World	clearly and critically articulate a personal opinion regarding the various metaphysical and ethical values of the religious traditions explored over the course of the semester.
HUMAN 040-Religions of the World	Compare and contrast Eastern and Western religions; clearly and critically articulate a personal opinion regarding various religious traditions
HUMAN 040-Religions of the World	critical Thinking Ability to apply critical reasoning in the assessment of religious existential and metaphysical propositions
HUMAN 040-Religions of the World	critically examine religious ideas, values, and traditions
HUMAN 040-Religions of the World	describe the nature of the human self in relation to itself, society, and the cosmos at large, as well as its role and function in creation, as understood from the principal religious tradition of the world.
HUMAN 040-Religions of the World	describe the principle religious traditions of the world
HUMAN 046-Philosophy of the Human Experience	analyze various philosophical and religious models regarding the nature of the human self, will, and purpose
HUMAN 046-Philosophy of the Human Experience	critically and responsibly assess and articulate a personal opinion regarding the nature of the human self, will, and purpose
HUMAN 052-Women and Cinema	analyze key theoretical approaches to representations of women in, and female spectatorship of, film; define and utilize film discourse for scene analyses and analytical writing
HUMAN 052-Women and Cinema	analyze the role cinema plays in individual identity formation (gender, ethnicity, sexuality, etc.) and socio-cultural memory and functions, as well as the subversive qualities of cinema
HUMAN 052-Women and Cinema	apply a critical spectatorship of film to use as a tool for personal and social awareness
HUMAN 052-Women and Cinema	describe the key roles women have played in all areas of early and contemporary cinema production, as well as biases against women in the film industry; analyze the conventions of various film genres and women's traditional roles within each genre
HUMAN 053-Comparative Film Genres	analyze key aesthetic (formal) properties specific to various film genres; describe film discourse for scene analyses and analytical writing.
HUMAN 053-Comparative Film Genres	analyze key formal properties specific to various film genres
HUMAN 053-Comparative Film Genres	apply a critical spectatorship of film to use as a tool for personal, social, and cultural awareness.
HUMAN 053-Comparative Film Genres	describe film history relative to the formation and dissemination of various film genres; analyse the conventions of various film genres and their significance within specific socio-cultural contexts.
HUMAN 053-Comparative Film Genres	describe the roles film genres play in individual and national identity formation (gender, ethnicity, sexuality, culture, etc.) and socio-cultural memory and functions, as well as the subversive qualities of specific genres.
HUMAN 055-The Representation of Immigration in Cinema and Television	explain and evaluate theories and concepts in the use and presentation of images and information; analyze the main aspects of US immigration history, policies and laws, including social and cultural ramifications as they are shown in and represented by specific films and television shows
HUMAN 055-The Representation of Immigration in Cinema and Television	recognize, differentiate, and define some of the ways in which immigrants and immigration have been represented in various media forms in the US, specifically TV and film
HUMAN 056 Meditation: Theory and Practice	analyze and evaluate basic meditative ideals as expressed by Buddhist, Taoist, Hindu, Christian, Islamic, and non-religious sources
HUMAN 056 Meditation: Theory and Practice	distinguish among and use different meditation techniques and practices
HUSV 070 Boundaries and Ethics	analyze how different cultural views may affect patient's expectations of the interpreter
HUSV 070 Boundaries and Ethics	describe confidentiality of the California standards for healthcare interpreters
HUSV 070 Boundaries and Ethics	identify health information protected by federal and state medical privacy and confidentiality laws (HIPAA and CMIA).
HUSV 070 Boundaries and Ethics	interpret accurately and completely
HUSV 071 Cultural Brokerage	analyze and apply Western medical culture and practices in interpretative situations
HUSV 071 Cultural Brokerage	analyze and explain the community's culture for which you interpret
HUSV 071 Cultural Brokerage	assess and explain own cultural background, level of acculturation, personal beliefs, and values
HUSV 071 Cultural Brokerage	identify and analyze assumptions based on cultural beliefs, values, and behaviors
HUSV 101 Case Management in Human Services	apply analytical skills in reviewing client issues through an ethical and legal lens and develop appropriate plans of action based on this analysis
HUSV 108 Helping Skills for Human Services Paraprofessionals	apply analytical skills in reviewing client issues through an ethical and legal lens and develop appropriate plans of action based on this analysis
HUSV 109 Diverse Populations in Human Services	analyze client issues and synthesize analyses in the development of effective case management plans
HUSV 109 Diverse Populations in Human Services	articulate and synthesize characteristics, strengths, and needs of diverse population groups and universal aspects across groups
HUSV 110 Social Services Specialization I	identify the child welfare, California welfare programs and services, and adult and aging programs and services
HUSV 110 Social Services Specialization I	identify and assess maltreatment issues with children and elders and use analytic skills to recommend appropriate ethical and legal action
HUSV 111 Social Services Specialization II	articulate and analyze legal issues as related to child welfare, adult and aging, and California welfare systems
HUSV 111 Social Services Specialization II	compare and contrast community referrals and interventions for client vignettes in oral presentations and written exercises
HUSV 112 Seminar for Field Experiences in Social Services I	analyze client issues through an ethical and legal lens and develop appropriate plans of action based upon this analysis
HUSV 113 Seminar for Field Experiences in Social Services II	analyze client issues through an ethical and legal lens to develop appropriate plans of action based on this analysis
HUSV 113 Seminar for Field Experiences in Social Services II	assess client vignettes and articulate interventions based on scope of practice
HUSV 114 Introduction to Community Health Work	assess client vignettes and articulate health interventions based on the scope of practice of community health workers
HUSV 116 Orientation to Community Health Work	analyze and describe the history of community health work in scope of larger health care industry
HUSV 116 Orientation to Community Health Work	appraise the role and scope of practice of community health workers
HUSV 116 Orientation to Community Health Work	conduct a self assessment of student's own ability to work in an interdisciplinary health team situation
LRNRE 220 Introduction to Team Self-Management	assess and apply team self-management and leadership skills; apply analysis of learning styles to the composition of self-managed teams
LRNRE 221-Leadership and Team Management Skills	analyze and develop personal goals while predicting behavioral distractions that prevent effective self-management and leadership

Courses	Outcome Description
LRNRE 221-Leadership and Team Management Skills	assess attitudes and beliefs required for effective self-management and leadership of others
LRNRE 222-Introduction to Social Justice Issues	create an action plan for implementing proposed solutions
LRNRE 222-Introduction to Social Justice Issues	develop and implement a work plan for managing a research project
LRNRE 222-Introduction to Social Justice Issues	investigate and analyze community issues
LRNRE 223-Social Justice Research Methodologies	create presentation using research findings, presentation software and visual aids
LRNRE 223-Social Justice Research Methodologies	produce an interview survey instrument for the purpose of data collection
LRNRE 224 Peer Mentoring	analyze and develop personal goals while predicting behavioral distractions that prevent effective self-management and leadership
LRNRE 224 Peer Mentoring	examine and apply successful mentoring skills and strategies
LRNRE 248UM-Foundations of Team Self-Management	critically assess personal self management and team leadership skills
LRNRE 248UM-Foundations of Team Self-Management	describe and analyze personal learning and working styles
LRNRE 501-Supervised Tutoring (Non-Credit)	Improve skill, knowledge, and metacognition in academic and career/technical areas.
M/LAT 030A-Survey of Latin-American Films	Analyze the enduring stereotypes of Latinas/os in mainstream media productions and attempts by Latina/o filmmakers to challenge stereotypes by presenting more multifaceted characters and a multi-focal understanding of Chicano/Latino history, experience and culture
M/LAT 030A-Survey of Latin-American Films	Identify and analyze comparative, analytical, and critical perspectives on Chicano/Latino cinema in a broad media framework.
M/LAT 030A-Survey of Latin-American Films	Identify, compare and contrast the different movements and genres within the emergent Chicano/Latino film community in the US.
M/LAT 030B-Survey of Latin-American Films	Analyze films from the United States and Latin America which present various events and historical issues in Latin America.
M/LAT 030B-Survey of Latin-American Films	Interpret Latin American films within their historical/cultural context in Latin America.
MATH 001-Pre-Calculus	determine inverse functions
MATH 001-Pre-Calculus	formulate real world applications using mathematical techniques
MATH 001-Pre-Calculus	graph polynomial, rational, exponential, logarithmic, and trigonometric functions; graph relations using Cartesian and Polar coordinates
MATH 001-Pre-Calculus	graph relations using Cartesian and Polar coordinates
MATH 001-Pre-Calculus	solve polynomial, rational, exponential, logarithmic, and trigonometric functions
MATH 001-Pre-Calculus	solve rational and absolute value inequalities; solve polynomial, rational, exponential, logarithmic, and trigonometric functions; solve simultaneous linear and nonlinear equations
MATH 001-Pre-Calculus	solve simultaneous linear and nonlinear equations
MATH 002-Pre-Calculus with Analytic Geometry	Deduce equations of lines, circles, parabolas, ellipses, etc. from their geometric definition and deducing their main properties.
MATH 002-Pre-Calculus with Analytic Geometry	Find the equations of lines, circles, parabolas, ellipses, hyperbolas.
MATH 002-Pre-Calculus with Analytic Geometry	Graph polynomial, rational, exponential, and trigonometric functions and their inverse functions.
MATH 002-Pre-Calculus with Analytic Geometry	Solve quadratic equations by factoring, completing the square, by the quadratic formula.
MATH 002-Pre-Calculus with Analytic Geometry	Solve simple higher order equations by factoring and solving systems of equations.
MATH 002-Pre-Calculus with Analytic Geometry	solve word problems
MATH 002-Pre-Calculus with Analytic Geometry	Use trigonometric identities and properties of trigonometric functions directly from the definition and using the unit circle.
MATH 003A-Calculus I	calculate derivatives of Polynomial, rational, exponential, logarithmic, and trigonometric functions using various rules; solve minimization and maximization problems; calculate basic integration problems
MATH 003A-Calculus I	explain the Mean Value Theorem and the fundamental Theorem of Calculus
MATH 003A-Calculus I	Find derivatives of polynomial, rational, exponential, logarithmic, trigonometric and hyperbolic functions and sums, differences, products, quotients, powers and compositions thereof
MATH 003A-Calculus I	Find limits and use limits and limit laws to determine whether a function is continuous, to find the derivative of a function and to evaluate a definite integral of a function
MATH 003A-Calculus I	graph and analyze basic functions, calculating limits and calculating the derivative using the definition of the derivative
MATH 003A-Calculus I	Solve application problems including minimization, maximization and rate of change problems; use limits and derivatives to analyze and graph functions
MATH 003A-Calculus I	Solve basic integration problems; calculate definite integrals, the area under or between curves; apply the Fundamental Theorem of Calculus to solve real world problems
MATH 003B-Calculus II	Apply various techniques of integration to finding areas, volumes, surface areas and lengths of curves (arc length) and to solving work problems
MATH 003B-Calculus II	calculate derivatives of Polynomial, rational, exponential, logarithmic, and trigonometric functions using various rules
MATH 003B-Calculus II	Evaluate definite and indefinite integrals using a variety of integration formulas and techniques
MATH 003B-Calculus II	explain the Mean Value Theorem and the fundamental Theorem of Calculus
MATH 003B-Calculus II	graph and analyze basic functions calculating limits and calculating the derivative using the definition of the derivative
MATH 003B-Calculus II	Graph, differentiate and integrate functions in polar and parametric forms
MATH 003B-Calculus II	Manipulate, test, and apply various power series, including Taylor and Maclaurin series
MATH 003B-Calculus II	solve minimization and maximization problems; calculate basic integration problems
MATH 003B-Calculus II	Solve some types of differential equations; apply them to solve real life problems
MATH 003C-Calculus III	1. Execute and apply differentiation to functions of several variables: Perform vector operations, determine equations of lines and planes, find the limit of a function of several variables at a given point, evaluate derivatives of vector functions and real-valued functions in several variables, find the equation of a tangent plane at a point, determine the differentiability of a function, test for saddle points and find local and global extrema, find the curl and divergence of a vector field, use Lagrange multipliers to solve constraint problems.
MATH 003C-Calculus III	2. Execute and apply integration to functions of several variables: compute arc length, compute multiple (two- and three-dimensional) integrals, use multiple integrals to find area, volume, density, center of mass, moments of inertia, expected values.
MATH 003C-Calculus III	3. Understand and apply Green's Theorem, Stokes' Theorem and the Divergence Theorem.
MATH 003E-Linear Algebra	1. Solve systems of equations using Gaussian elimination and other methods.
MATH 003E-Linear Algebra	2. Use bases and orthonormal bases to solve linear algebra problems
MATH 003E-Linear Algebra	3. Find eigenvalues and eigenvectors and using them in applications
MATH 003F-Differential Equations	Apply the existence and uniqueness theorems for ordinary differential equations.
MATH 003F-Differential Equations	Classify a given first- or higher-order differential equation and select and apply an appropriate technique such as antidifferentiation, power series expansion or Laplace transform to solve it.
MATH 003F-Differential Equations	Solve systems of first order differential equations.
MATH 003F-Differential Equations	Use ordinary differential equations to create and analyze mathematical models of mechanical, electrical and biological phenomena.
MATH 011-Discrete Mathematics	apply recurrence relations and generate functions to solve problems
MATH 011-Discrete Mathematics	apply the concepts of trees and graphs to real world problems
MATH 011-Discrete Mathematics	apply the principles of propositional logic; construct inductive proofs and other proof techniques
MATH 011-Discrete Mathematics	identify and explain the basic arguments of number theory using modular arithmetic
MATH 011-Discrete Mathematics	solve counting problems using permutations and combinations
MATH 013-Introduction to Statistics	employ the basic rules of probability theory and demonstrate its relationship to statistics and real world
MATH 013-Introduction to Statistics	find, evaluate and use statistical information in discussions and presentations
MATH 013-Introduction to Statistics	interpret data sampling and inferential statistics (hypothesis testing and confidence intervals)
MATH 013-Introduction to Statistics	use statistical arguments in discussions and public discourse
MATH 013-Introduction to Statistics	use statistical procedures and standard techniques in data gathering, summary and presentation
MATH 015-Mathematics for Liberal Arts Students	apply various methods of mathematics to broad, diverse fields
MATH 015-Mathematics for Liberal Arts Students	calculate lengths, areas, and volumes of various geometrical figures
MATH 015-Mathematics for Liberal Arts Students	describe number systems, from binary, octal, decimal, to hexadecimal; solve linear systems for applications relating to real world problems
MATH 015-Mathematics for Liberal Arts Students	describe the fundamental concepts of mathematics which emanated from ancient cultures; describe various fundamental mathematical problems in either a historical or modern context
MATH 015-Mathematics for Liberal Arts Students	examine fundamental principles of modern mathematics, and put previous mathematical knowledge in a historical or modern context; describe the fundamental concepts of mathematics which emanated from ancient cultures; describe various fundamental mathematical problems in either a historical or modern context
MATH 015-Mathematics for Liberal Arts Students	solve enumeration problems using permutations and combinations; solve logic problems using set theory
MATH 015-Mathematics for Liberal Arts Students	solve linear systems for applications relating to real world problems
MATH 015-Mathematics for Liberal Arts Students	solve logic problems using set theory
MATH 016A-Calculus for Business and the Life and Social Sciences	apply derivatives and integrals to appropriate real world problems
MATH 016A-Calculus for Business and the Life and Social Sciences	calculating the slopes of tangent lines to curves
MATH 016A-Calculus for Business and the Life and Social Sciences	compute limits and derivatives
MATH 016A-Calculus for Business and the Life and Social Sciences	compute simple integrals
MATH 016A-Calculus for Business and the Life and Social Sciences	computing the derivative of logarithmic and exponential using the various rules of differentiation
MATH 016A-Calculus for Business and the Life and Social Sciences	explain the concept of the derivative and marginal change in applications relating to economics, business, biology, and the social sciences
MATH 016A-Calculus for Business and the Life and Social Sciences	solve optimization problems
MATH 016B-Calculus for Business and the Life and Social Sciences	compute partial derivatives and evaluate double integrals; differentiate between trigonometric functions
MATH 016B-Calculus for Business and the Life and Social Sciences	Explain the concept of integration in applications relating to economics, business, biology, and the social sciences; analyze the concept of integration with respect to various applications.
MATH 016B-Calculus for Business and the Life and Social Sciences	Integrate various functions using the methods of integration by substitution, integration by parts, and the numerical rules such as the midpoint rule, the trapezoidal rule, and Simpson's rule
MATH 016B-Calculus for Business and the Life and Social Sciences	solve multivariable application and optimization problems
MATH 016B-Calculus for Business and the Life and Social Sciences	understanding the concept of integration with respect to various applications
MATH 016B-Calculus for Business and the Life and Social Sciences	use power series, including Taylor Series, to approximate basic functions
MATH 050-Trigonometry	apply geometric and trigonometric ideas to real world problems
MATH 050-Trigonometry	apply the laws of sine and cosine
MATH 050-Trigonometry	compute values of basic trigonometric functions using the right triangle and unit circle approach
MATH 050-Trigonometry	graph trigonometric functions using concepts of amplitude and periodicity
MATH 050-Trigonometry	prove identities and solve basic trigonometric equations
MATH 201-Elementary Algebra	apply algebraic methods and fundamental principles of algebra in the solution of quantitative problems arising in vocations, engineering, science and other aspects of daily life
MATH 201-Elementary Algebra	distinguish among and use formulas, equations, inequalities, graphs, and tables in making arguments about real world problems
MATH 201-Elementary Algebra	use symbols, literal numbers, and algebraic equations to make generalizations, formulate and solve problems
MATH 202-Geometry	apply formulas for perimeter, area, volume, and surface area to solve practical geometrical problems
MATH 202-Geometry	construct geometric proofs
MATH 202-Geometry	Identify and describe geometric objects and relationships using geometric vocabulary

Courses	Outcome Description
MATH 202-Geometry	use given information and valid logical reasoning to establish simple geometric relationships in proofs involving triangles, parallelograms, circles, and other elementary geometric figures
MATH 203-Intermediate Algebra	operate with various algebraic functions
MATH 203-Intermediate Algebra	use and explain formulas, equations, inequalities, graphs, and tables in making arguments about real world problems
MATH 203-Intermediate Algebra	use fundamental algebraic laws, algebraic concepts, techniques, symbols, terms, expressions, and equations to formulate and solve problems including quantitative problems arising in science and engineering
MATH 206 Accelerated Math for Statistics	Construct, apply and interpret mathematical models, including linear and exponential functions, that represent relationships in quantitative data.
MATH 206 Accelerated Math for Statistics	Demonstrate numerical, algebraic and geometric reasoning skills required to carry out statistical analysis.
MATH 206 Accelerated Math for Statistics	Develop simple experiments and sampling plans related to a given situation and goal and analyze their validity.
MATH 206 Accelerated Math for Statistics	Formulate questions that can be addressed with data, then collect, organize, display, and analyze relevant data to address these questions and communicate results
MATH 214-Mathematics for Science Technicians	deduce the equations of lines, circles, parabolas, ellipses, etc from their geometric definitions and to be able to deduce their main properties
MATH 214-Mathematics for Science Technicians	deduce trigonometric identities and properties of trigonometric functions directly (from definitions) and using the unit circle
MATH 214-Mathematics for Science Technicians	find the equations of lines, circles, parabolas, ellipses, hyperbolas, and graph them and deduce their main properties; solve very simple Calculus and Statistics problems
MATH 214-Mathematics for Science Technicians	graph and describe the properties of polynomial, rational, exponential and trigonometric functions and their inverse functions and to know some trigonometric identities
MATH 214-Mathematics for Science Technicians	solve linear, quadratic, some higher order equations and systems of equations: by algebraic, geometric, numeric and graphic means
MATH 214-Mathematics for Science Technicians	solve word problems with emphasis on Biology, Chemistry and Physics applications
MATH 218-Math Workshop	reinforce problem solving skills through individualized instruction and through the solution the solution to word problems
MATH 218-Math Workshop	solve elementary and intermediate word problems and algebra problems
MATH 250-Arithmetic	apply arithmetic concepts to real world problems
MATH 250-Arithmetic	conduct and interpret mathematical operations with integers, fractions, decimals, and percents using order of operations
MATH 250-Arithmetic	effectively manage working and studying with others in group
MATH 253-Pre-Algebra	apply the concepts of ratio, percent, area, volume, units of measure to practical elementary situations
MATH 253-Pre-Algebra	effectively perform and interpret mathematical operations with whole numbers, fractions, decimals, and percents using commutative, associative, and distributive properties and order of operations
MATH 253-Pre-Algebra	Effectively work and study with others in group.
MATH 253-Pre-Algebra	translate simple word problems into equations and solve simple equations including use of geometric formulas to find the area and perimeter of triangles, squares and rectangles
MATH 259-Math Workshop (Basic Skills)	convert from rational to decimal or percent expressions; solve simple interest problems to convert from metric to English system
MATH 259-Math Workshop (Basic Skills)	practice problem solving skills; perform basic operations among the integers, rational and real numbers
MATH 259-Math Workshop (Basic Skills)	solve simple consumer oriented word problems; solve linear equations and apply to simple daily life problems
MMART 101-Writing Basics for Multimedia	demonstrate appropriate college-level diction, sentence variety and style, using such structures as relative clauses, appositives, verbal phrases, and introductory adverbs
MMART 101-Writing Basics for Multimedia	describe the range of genres and processes of writing for multimedia
MMART 101-Writing Basics for Multimedia	identify and describe the basic career paths, roles, responsibilities, and standards for writers in the multimedia field
MMART 101-Writing Basics for Multimedia	identify and use modes of development in writing prose, such as description, narration, exposition, and argumentation
MMART 101-Writing Basics for Multimedia	write well-organized and coherent prose, developed with appropriate reasons, examples, details, and facts, with minimal errors in grammar, spelling and punctuation
MMART 109-Writing for the Business of Multimedia	develop cost estimates and contracts for freelance services
MMART 109-Writing for the Business of Multimedia	develop industry contacts through research and networking
MMART 109-Writing for the Business of Multimedia	develop viable project ideas and pitch those ideas in written or verbal formats to potential clients
MMART 109-Writing for the Business of Multimedia	prepare portfolios for professional presentation online, CD or on other media
MMART 109-Writing for the Business of Multimedia	write effective treatments in a cohesive, convincing style; write and apply for grants
MMART 110-Scriptwriting & Storyboarding I	conceptualize and develop a treatment for an original narrative and develop a dramatic script from the treatment
MMART 110-Scriptwriting & Storyboarding I	construct a detailed script in A/V format and a storyboard in narrative-pictorial form
MMART 110-Scriptwriting & Storyboarding I	formulate and apply a narrative storytelling techniques using different media: by pictures, by words, by gestures, by sounds, and by an integration of pictures, words, gestures, and sounds
MMART 110-Scriptwriting & Storyboarding I	use point of view, tone, character, plot to develop meaningful multimedia narratives
MMART 111A-Narrative Scriptwriting I	create and develop an engaging plot driven by narrative principles
MMART 111A-Narrative Scriptwriting I	identify key characters in a story idea
MMART 111A-Narrative Scriptwriting I	write a one page story idea following accepted storytelling principles
MMART 111A-Narrative Scriptwriting I	write a story outline
MMART 111A-Narrative Scriptwriting I	write a treatment
MMART 111B-Narrative Scriptwriting II	analyze already-produced films and scripts for style, characterization, scene setting, plot and other narrative elements; write tight, meaningful script synopses of their own and other students' work
MMART 111B-Narrative Scriptwriting II	analyze and critique student work constructively and suggest way to begin rewrites; write and revise own work effectively
MMART 111B-Narrative Scriptwriting II	create and develop primary and secondary characters by writing realistic and believable actions and dialogue
MMART 111B-Narrative Scriptwriting II	pitch script ideas to agents, producers and other entities
MMART 111B-Narrative Scriptwriting II	write a full-length screenplay in a strong, clear voice and style; creating scenes with an understanding of pacing and mood as well as developing a complex, and intricate plot
MMART 112-Writing for News and Documentary	critique general news, media coverage
MMART 112-Writing for News and Documentary	pitch stories in written/oral format to news editors and media outlets
MMART 112-Writing for News and Documentary	research information for a news story; identify and pre-interview potential sources; interview selected subjects and verify information for accuracy and clarity
MMART 112-Writing for News and Documentary	write and report a breaking news story or a feature story for a print or online organization; follow basic grammar rules, Associated Press style guidelines; proofread copy for grammar, style and spelling
MMART 112-Writing for News and Documentary	write copy for broadcast (television, radio, Internet) news and for a documentary film
MMART 113-Digital Storytelling	analyze multimedia projects and propose improvements
MMART 113-Digital Storytelling	apply nonlinear patterning techniques to design and execute a multimedia project
MMART 113-Digital Storytelling	define essential phases of an interactive project: concept development, script design, production; write/produce all planning documents such as pitches, treatments, proposals, scripts, storyboards, site maps, technical documentation
MMART 113-Digital Storytelling	distinguish the role of the writer in relation to designers, project managers, technical people and other multimedia professionals on a project; distinguish the major formats of interactive media and describe the range of projects
MMART 113-Digital Storytelling	produce a nonlinear multimedia narrative using key storytelling concepts such as plot structure, character, points of view; produce the visual elements of multimedia with a strong understanding of design principles
MMART 113-Digital Storytelling	write website copy that's clear, concise and meaningful; develop a keen eye for how visuals work with text, information and other multimedia elements
MMART 114-114L: User-Centered Design and Lab	create thumbnails, flow charts and storyboards for an interactive project; organize assignments and work flows for the project team
MMART 114-114L: User-Centered Design and Lab	create user profiles using effective client and user interview techniques
MMART 114-114L: User-Centered Design and Lab	evaluate projects based on user-centered interactive design principles
MMART 114-114L: User-Centered Design and Lab	organize and present a design review document and an interactive production schedule
MMART 114-114L: User-Centered Design and Lab	set up a site walkthrough and present it with an emphasis on active listening
MMART 115-Advanced Storyboarding	analyze and evaluate a script for visualization re: camera angles, pacing, character behavior, sound treatment, and production time
MMART 115-Advanced Storyboarding	draw an interactive storyboard that demonstrates both good storytelling principles and logical, branching parameters
MMART 115-Advanced Storyboarding	interpret a director's instructions
MMART 115-Advanced Storyboarding	prepare presentations of work
MMART 115-Advanced Storyboarding	write a short script and draw a narrative storyboard that reflects effective dramatic structure
MMART 116-Storytelling Animation	create storyboard for a script; present and defend the scripted storyboard; critique scripts and character designs while utilizing storytelling principles
MMART 116-Storytelling Animation	develop an animated story through the industry-standard process of brainstorming and improvisation as a group
MMART 116-Storytelling Animation	identify and analyze the role of sound in animated storytelling and create an animated time-based demo of storyboard content)
MMART 116-Storytelling Animation	identify and evaluate storytelling principles, analyze animated character development and the role of visual archetypes in both narrative and interactive classic animated productions
MMART 116-Storytelling Animation	write a resulting script with appropriate tone and story arc and create effective character designs and turn around sheets
MMART 120-Media & Communication	analyze and assess psychological and social effects of digital media
MMART 120-Media & Communication	apply multimedia skills in creating visual aids using presentation software
MMART 121-Digital Culture	describe key events in the history of computer technology; identify and define central concepts linking computer technology and digital culture
MMART 121-Digital Culture	design a multimedia project that advances a critical understanding and use of digital technology
MMART 121-Digital Culture	discuss basic philosophical, psychological, political issues raised by the emergence of a digital culture within contemporary society
MMART 121-Digital Culture	discuss intelligently the distinctions and relationships between digital technology and art or aesthetics
MMART 121-Digital Culture	use a critical vocabulary and analytical strategies in evaluating the social impact of digital technology
MMART 122A-History of Video Art	describe current trends in video art, which take it from the single-channel genre and installation into performance settings
MMART 122A-History of Video Art	describe the basic historical trends, both in and outside of art, that led to the emergence and development of video art
MMART 122A-History of Video Art	discuss the conceptual and philosophical implications of this relatively new art form
MMART 122A-History of Video Art	discuss the impact of the digital revolution on video art
MMART 122A-History of Video Art	discuss the impact of the video medium on the forms that distinguish it as a type of art
MMART 122A-History of Video Art	discuss the mutual influences between the video art and commercial worlds
MMART 122A-History of Video Art	discuss the significance of major artists who have contributed to this art form from the 1960s to the present
MMART 122A-History of Video Art	distinguish video from film and other forms of motion picture as an artistic medium
MMART 122A-History of Video Art	identify a number of major international centers which exhibit and/or program video art
MMART 122B-From Movies to Multimedia	analyze and discuss the synergistic relationship between sound and image
MMART 122B-From Movies to Multimedia	analyze motion pictures in a cultural context among other media and art forms and evaluate the specific qualities of video relative to other forms of multimedia
MMART 122B-From Movies to Multimedia	describe the role of new digital technologies in shaping the aesthetics and meanings of time-based artwork
MMART 122B-From Movies to Multimedia	discuss major trends in the historical development of motion picture art genres/media, styles, and movements
MMART 122B-From Movies to Multimedia	identify techniques of cinematography, editing, and interactive design in order to describe their contribution to a work's meaning

Courses	Outcome Description
MMART 123-The Documentary Tradition	compare and contrast concepts of documentary as they have evolved over the course of film history, and describe the impact of changing technologies on the theory and practice of non-fiction filmmaking
MMART 123-The Documentary Tradition	compare and contrast different approaches to documentary (reportage, advocacy, history, propaganda and re-enactment)
MMART 123-The Documentary Tradition	define documentary film, distinguish it from fictional cinema, and analyze the nature of cinematic realism/reality, point of view/objectivity
MMART 123-The Documentary Tradition	describe the history and recent evolution of documentary film to an expanded role on public and cable TV, in theaters and in national political discourse
MMART 123-The Documentary Tradition	explain the process of documentary production from concept to screenings through a case study
MMART 123-The Documentary Tradition	identify significant works in the field, and apply historical and aesthetic understanding to the analysis of specific works, in writing and discussion
MMART 124-Media Interpretation and Criticism	compose written pieces appropriate for publication
MMART 124-Media Interpretation and Criticism	identify key features of critical writing profession: publication opportunities, writing standards, submission guidelines, research practices, resources, copyright issues
MMART 124-Media Interpretation and Criticism	identify principal genres of critical writing profession: e.g. reviews, interpretations, cultural criticism
MMART 124-Media Interpretation and Criticism	identify the aims, practices, and production standards of the news and entertainment media
MMART 124-Media Interpretation and Criticism	make critical evaluations individually and in roundtable settings of media pieces based on professional and ethical standards
MMART 129-129L: Contemporary Color and Lab	demonstrate, using digital art techniques, a working knowledge of the fundamentals of color, including their use in 3D spatial environments
MMART 129-129L: Contemporary Color and Lab	demonstrate, using traditional art techniques, a working knowledge of the fundamentals of color perception, color theory, color psychology, color harmonies, and color design
MMART 129-129L: Contemporary Color and Lab	evaluate artwork with discernment, appropriate terminology, and aesthetic awareness
MMART 129-129L: Contemporary Color and Lab	expand and transform imagery and ideas into meaningful visual color compositions
MMART 129-129L: Contemporary Color and Lab	explain the fundamental elements of color for both additive and subtractive color concepts
MMART 129-129L: Contemporary Color and Lab	generate creative solutions to problems using the elements of color in both traditional and digital color design
MMART 130-130L: Survey of Digital Imaging and Lab	allocate time and resources to achieve multiple projects throughout semester
MMART 130-130L: Survey of Digital Imaging and Lab	assess expectations of the professional world, current developments in the field, intellectual property and copyright issues; be able to choose ethical course of action
MMART 130-130L: Survey of Digital Imaging and Lab	demonstrate ability to receive constructive criticism and apply it to improve projects
MMART 130-130L: Survey of Digital Imaging and Lab	develop a working knowledge of the different types of images used in the Multimedia industry
MMART 130-130L: Survey of Digital Imaging and Lab	evaluate the strengths and weaknesses of each image type for various presentation formats; critique of work and the work of others through verbal communication in group situation;
MMART 130-130L: Survey of Digital Imaging and Lab	evaluate the strengths and weaknesses of each image type for various presentation formats; critique own work and the work of others through verbal communication in group situation; demonstrate ability to receive constructive criticism and apply it to improve projects
MMART 130-130L: Survey of Digital Imaging and Lab	generate creative solutions to visual problems using all four programs listed above
MMART 130-130L: Survey of Digital Imaging and Lab	identify and use the software interface for vector drawing, digital editing, digital painting, and one 3-D modeling program
MMART 130-130L: Survey of Digital Imaging and Lab	manage workflow to meet professional client expectations through teacher as client relationship with student; allocate time and resources to achieve multiple projects throughout semester
MMART 131A-131LA: Photoshop I and Lab	Critique the technical, aesthetic, and conceptual construction of computer generated images.
MMART 131A-131LA: Photoshop I and Lab	Demonstrate a working knowledge of a major bitmap imaging software's interface in order to create and manipulate digital imagery.
MMART 131A-131LA: Photoshop I and Lab	Demonstrate the relationship between resolution, bit depth, interpolation, file output sizes, file storage size.
MMART 131A-131LA: Photoshop I and Lab	Develop a personal aesthetic in digital imaging.
MMART 131A-131LA: Photoshop I and Lab	scan images efficiently
MMART 131B-131LB: Photoshop II and Lab	create works that could be included in a professional portfolio
MMART 131B-131LB: Photoshop II and Lab	critique the composition and technical construction of computer generated images
MMART 131B-131LB: Photoshop II and Lab	demonstrate an expanded working knowledge of and use advanced techniques from a bitmap imaging program to generate digital images
MMART 131B-131LB: Photoshop II and Lab	develop a distinct personal aesthetic in digital imaging
MMART 131B-131LB: Photoshop II and Lab	use advanced image editing techniques to re-touch photographs and create images
MMART 132A-132LA: Illustrator I and Lab	demonstrate basic image scanning and know how to trace scanned artwork using vector drawing techniques
MMART 132A-132LA: Illustrator I and Lab	evaluate and critique the composition and technical construction of computer-generated images and demonstrate a personal aesthetic in digital imaging
MMART 132A-132LA: Illustrator I and Lab	examine two dimensional computer artwork and its role in the history of visual art and design
MMART 132A-132LA: Illustrator I and Lab	explain the potential integration and use of vector based images from Adobe Illustrator in a range of other software applications such as Adobe Photoshop and Dreamweaver
MMART 132A-132LA: Illustrator I and Lab	use Adobe Illustrator software to generate original vector digital images
MMART 132B-132LB: Painter I and Lab	acquire a working knowledge in using Corel Painter's basic tools and an understanding of the software's interface
MMART 132B-132LB: Painter I and Lab	create still image art using digital painting tools that emulate traditional mediums; print artwork on fine rag paper using digital printers
MMART 132B-132LB: Painter I and Lab	critique the composition and the technical construction of computer-generated image artwork
MMART 132B-132LB: Painter I and Lab	export bitmap images to different software (Adobe Photoshop, Adobe Illustrator, Cinema-4D, Final Cut Pro, etc.) and create images in different formats
MMART 132B-132LB: Painter I and Lab	import scanned sources and vector graphics from Adobe Photoshop, Adobe Illustrator, etc. and transform them to bitmap image artwork
MMART 132B-132LB: Painter I and Lab	print artwork on fine rag paper using digital printers
MMART 132C-132LC: Painter II and Lab	create artwork that could be included in a professional portfolio
MMART 132C-132LC: Painter II and Lab	create still images and animated images using advanced techniques of digital rendering, modeling, coloring, importing images and exporting images. The software used: Corel Painter, Adobe Photoshop, Adobe Illustrator, Cinema-4D, Final Cut Pro
MMART 132C-132LC: Painter II and Lab	critique composition and technical construction of computer-generated images
MMART 132C-132LC: Painter II and Lab	demonstrate advanced knowledge of Corel Painter's interface and an intermediate to advanced knowledge of the software's tools
MMART 132C-132LC: Painter II and Lab	discuss the possibilities of creating a new aesthetic based on digital imaging and the spatial relationships inherent in a new technology
MMART 132C-132LC: Painter II and Lab	print bitmap artwork images using a digital printer
MMART 133A-133LA: Digital Photography I and Lab	demonstrate the use of fixed and variable zoom lenses, tripod and cable or remote release
MMART 133A-133LA: Digital Photography I and Lab	download, organize, and manage photographic catalogues using Adobe Lightroom
MMART 133A-133LA: Digital Photography I and Lab	edit, color correct and prepare images for digital printing and online viewing using Adobe Lightroom and Adobe Photoshop
MMART 133A-133LA: Digital Photography I and Lab	operate a digital camera and understand the proper use of its various functions, including shutter speed, aperture settings, ISO, and exposure controls
MMART 133A-133LA: Digital Photography I and Lab	understand the difference between various digital file formats and use them properly
MMART 133B-133LB: Digital Photography II and Lab	create effective black and white conversions
MMART 133B-133LB: Digital Photography II and Lab	demonstrate proper color management strategies, and print images effectively using a digital printer
MMART 133B-133LB: Digital Photography II and Lab	identify issues and questions relevant to archival mounting, framing and presenting images
MMART 133B-133LB: Digital Photography II and Lab	take digital photos with effective composition, and create photographic series that address focused and coherent themes
MMART 133B-133LB: Digital Photography II and Lab	utilize advanced features of graphic software such as Adobe Photoshop and Adobe Lightroom
MMART 133C-133LC: Digital Photography III and Lab	demonstrate, discuss, and perform various skills based upon selected topics. These applications may include utilization of advanced features of graphic software, as used in digital photography such as Adobe Photoshop, Adobe Lightroom, Scanning software, and other graphic or multimedia programs
MMART 133C-133LC: Digital Photography III and Lab	prepare and publish an online gallery
MMART 133C-133LC: Digital Photography III and Lab	print and prepare an archival quality print
MMART 133C-133LC: Digital Photography III and Lab	produce an individual body of work suitable for a portfolio
MMART 134A-134LA: Digital Printmaking I and Lab	create digital and analog input materials, organize them, and create a workflow in progress system for editing three progressively more complex print projects using Photoshop CS3
MMART 134A-134LA: Digital Printmaking I and Lab	demonstrate preliminary printmaking skill levels in using Adobe CS3 software's Photoshop, Lightroom and Bridge; Epson large-format printers and scanners; and an array of papers used in digital printmaking
MMART 134A-134LA: Digital Printmaking I and Lab	experiment with the digital printmaking process from inception (ideas and sources) to professional presentation
MMART 134A-134LA: Digital Printmaking I and Lab	present three digitally created large-format prints, one of which will be professionally finished (matted & framed or stretched and varnished); critique presented pieces in a constructive and respectful way
MMART 134B-134LB: Digital Printmaking II and Lab	demonstrate intermediate printmaking skill levels in using Adobe CS3 software's Photoshop, (with Bridge and Lightroom) including use of alternative Color Spaces, non-paper print materials, and unusual inputs; utilize Epson large-format printers and scanners
MMART 134B-134LB: Digital Printmaking II and Lab	generate experimental digital and analog input materials, organize them, and create a series or a body of work system for editing three projects resulting in prints; create an integrated complex print projects using Photoshop CS3
MMART 134B-134LB: Digital Printmaking II and Lab	present three digitally created intermediate-level of skill, large-format prints, one of which will be professionally finished (matted & framed or stretched and varnished); critique presented pieces in a constructive and respectful way
MMART 134B-134LB: Digital Printmaking II and Lab	refine a personal arts asset management system for a digital printmaking process from inception (ideas and sources) through digital storage; image processing; print manufacturing; final print editing & storage; to professional presentation for galleries and portfolio
MMART 135A-135LA: Advanced Practices for Digital Printmaking I and Lab	create and foster a community of new printmaking artisans: creating a nomenclature, an art historical perspective, and generating familiarity with contemporary printmaking trends
MMART 135A-135LA: Advanced Practices for Digital Printmaking I and Lab	examine development of a unique personal aesthetic using printmaking technologies including critical methods for analysis of composition and technical construction; create new work for inclusion in professional portfolio
MMART 135A-135LA: Advanced Practices for Digital Printmaking I and Lab	gather research and integrate cutting edge bitmap technologies into their personal imagery including experiments with digital input devices, data editing and processing methods, and new outputs for generating printmaking
MMART 135A-135LA: Advanced Practices for Digital Printmaking I and Lab	utilize advanced and integrated Adobe CS3 Suite software features and new hardware to further enhance imagery: Photoshop techniques such as color correction, image adjustment, and image retouching; Lightroom, Bridge, Camera Raw input and management; editing with Illustrator, Painter, Cinema 4D and other software; print using new printer technologies and materials
MMART 135B-135LB: Advanced Practices for Digital Printmaking II and Lab	create and develop a unique artistic voice through the development of a distinct critical methodology; examine contemporary printmakers, digital artists, digital and multimedia forums and discussion groups, art on-line and in galleries
MMART 135B-135LB: Advanced Practices for Digital Printmaking II and Lab	demonstrate advanced technical proficiency and expanded knowledge in scanning with stitching, scanning with lighting and special effects, integration of Adobe CS3 packages in one print output, pre-press skills including print ganging and color checks, color profiling, use of vector imagery, and black and white image management
MMART 135B-135LB: Advanced Practices for Digital Printmaking II and Lab	facilitate new skills development based upon selected topics with the goal of fostering a fluid artistic sense of both traditional printmaking materials and classic graphical sensibilities
MMART 135B-135LB: Advanced Practices for Digital Printmaking II and Lab	utilize advanced features of programs such as file management, storage, backup, and networking
MMART 135C-135LC: Advanced Practices for Digital Printmaking III and Lab	analyze current and traditional trends in artistry through exposure to the work of artists involved in the printmaking field
MMART 135C-135LC: Advanced Practices for Digital Printmaking III and Lab	demonstrate continued application of a variety of software, hardware and traditional graphic styles that show new directions in printmaking, including: traditional painting tools and pigments such as acrylic paint, palette knife, and various brushes, further work with Adobe CS3 software, use of modeling software such as Cinema 4D, CAD, and Open Source graphics programs (GIMP), After Effects, and other digital output processors
MMART 135C-135LC: Advanced Practices for Digital Printmaking III and Lab	experiment with unusual combinations of digital printmaking outputs including but not confined to: canvas, fabric, mylar, cardboard and cardstock, vinyl, metal, wood, and mixed media

Courses	Outcome Description
MMART 135C-135LC: Advanced Practices for Digital Printmaking III and Lab	integrate photographic, scanning, sensor, and CPU-generated input techniques for printmaking by compositing images using artistic concepts and a personal vision resulting in development of a professional quality portfolio of prints
MMART 135D-135LD: Advanced Practices for Digital Printmaking IV and Lab	demonstrate practical knowledge in presentation techniques for digital prints; this includes portfolio design, critical analysis of the multimedia art context; present work using framing, matting and canvas varnishing methods
MMART 135D-135LD: Advanced Practices for Digital Printmaking IV and Lab	discuss the digital print market, contemporary art history and the effects of multiples on the value system of contemporary art including the connection to portfolio development, critical context and analysis, and non-traditional marketing channels such as web and internet methods
MMART 135D-135LD: Advanced Practices for Digital Printmaking IV and Lab	manage various skills based upon selected printmaking topics including utilization of both traditional art materials and graphic software such as: traditional painting tools and pigments (acrylic paint, palette knife, and various brushes), Adobe CS3 Software (Photoshop, Illustrator, After Effects), Cinema 4D, Painter and other graphic or 3D multimedia programs
MMART 135D-135LD: Advanced Practices for Digital Printmaking IV and Lab	present a discourse on a specific printmaking specialization in the context of creating a body of work; analyze the digital structure of a complex print and use appropriate editing software
MMART 136-136L: Digital Printing for Photographers and Lab	acquire and gather digital images by using devices such as scanners and digital cameras
MMART 136-136L: Digital Printing for Photographers and Lab	create works that could be included in a professional portfolio
MMART 136-136L: Digital Printing for Photographers and Lab	demonstrate advanced skills with: Adobe Photoshop, Adobe Lightroom, Scanning software and other related imaging and printing software
MMART 136-136L: Digital Printing for Photographers and Lab	develop a distinct personal aesthetic and be able to critique the composition and technical construction and output of digital images
MMART 136-136L: Digital Printing for Photographers and Lab	use advanced image editing techniques for color correction, adjustment layers, and retouching of photographs to generate archival quality prints
MMART 148A-148LA: Sound Design I and Lab	create an original sound composition and discuss the ideas and process surrounding the work
MMART 148A-148LA: Sound Design I and Lab	demonstrate basic sound editing, mixing and processing skills
MMART 148A-148LA: Sound Design I and Lab	synchronize sound events to video, creating a sound design that combines elements of environmental sounds, sound effects, music and dialogue
MMART 148B-148LB: Sound Design II and Lab	produce high quality audio recordings of dialogue and Foley effects while demonstrating professional use of microphones, preamplifiers and software
MMART 148B-148LB: Sound Design II and Lab	structure and clearly communicate a large-scale final project plan through project objectives, project tasks, project outline and project schedule
MMART 148B-148LB: Sound Design II and Lab	upload media to the internet and devise a plan that demonstrates how to self-distribute and promote audio and audiovisual content to people all over the world
MMART 149-149L: The Music Video and Lab	compose a visual narrative with video to complement a musical piece and create musical/video relationships that are illustrative and expressive
MMART 149-149L: The Music Video and Lab	demonstrate advanced skills in using video and audio editing software to edit a music video
MMART 149-149L: The Music Video and Lab	explain professional editing standards of the music video industry and identify possible career options in the music video area
MMART 149-149L: The Music Video and Lab	identify and create effective rhythmical structures coordinating video and music
MMART 150A-150LA: Final Cut Pro I and Lab	produce completed compositions combining video, sound, and titles
MMART 150A-150LA: Final Cut Pro I and Lab	use and demonstrate command of the basic feature set of a major video editing program
MMART 150B-150LB: Final Cut Pro II and Lab	demonstrate intermediate skill levels in compositing clips, integrating filters, transitions, motion parameters, and textual elements into a video project
MMART 150B-150LB: Final Cut Pro II and Lab	demonstrate intermediate skill levels in creating and effectively integrating audio elements and transitions into a video project; demonstrate intermediate skill levels in compositing clips, integrating filters, transitions, motion parameters, and textual elements into a video project
MMART 150B-150LB: Final Cut Pro II and Lab	demonstrate intermediate skill levels in importing media files, digitizing, logging and capturing video footage
MMART 150B-150LB: Final Cut Pro II and Lab	demonstrate intermediate skill levels in organizing video and audio assets for video project: place appropriately named clips in named bins; organize and appropriately name sequences; organize and appropriately name media files in sub-folders within a project folder
MMART 150B-150LB: Final Cut Pro II and Lab	explain Intellectual Property rights and identify the Educational Fair Use Doctrine; appropriately credit all collaborators and non-original elements
MMART 150B-150LB: Final Cut Pro II and Lab	export movie files from video project using the appropriate settings for various media destinations
MMART 150C-150LC: Final Cut Pro III and Lab	analyze the structure of edits in terms of pace, visual continuity, color design, cinematic space and the sequence in which information is revealed
MMART 150C-150LC: Final Cut Pro III and Lab	critique presented pieces in a constructive and respectful way; discuss different aesthetic and technical solutions to problems posed in video editing work; justify editing choices through analysis and consideration of tools, aesthetics, goals
MMART 150C-150LC: Final Cut Pro III and Lab	demonstrate use of professional editing vocabulary to identify, analyze and evaluate edits in film, video, and multimedia
MMART 150C-150LC: Final Cut Pro III and Lab	emulate a range of editing styles appropriate to a variety of projects and apply advanced editing techniques to a video project, using a standard editing software program
MMART 150D-150LD: Final Cut Pro IV and Lab	color-correct for color matching, stylistic consistency, and broadcast and projection standards; correct audio for balance, flow, synchronization, and broadcast standards; clean up audio noise and dialogue using filters; export audio into Soundtrack Pro for sound; mix organize multiple audio tracks
MMART 150D-150LD: Final Cut Pro IV and Lab	comprehend a variety of project organization structures and discern how different systems apply to specific projects. Develop an organizational system that suits the inherent needs of their work; appropriately name clips, create subclips, designate bins, locate capture scratch, and store media
MMART 150D-150LD: Final Cut Pro IV and Lab	develop and implement strategies for videos with insufficient coverage and problematic audio, using techniques such as compositing, motion graphics, sound design and sweetening, b-roll and cut-aways
MMART 150D-150LD: Final Cut Pro IV and Lab	identify the goals of a specific video project of which the majority of production is complete and evaluate the challenges facing its editor
MMART 150D-150LD: Final Cut Pro IV and Lab	recognize the traditional three (3) act structure of story arcs found in narratives and analyze how it applies to different genres of video and film. Develop and assess the dramatic structure in their video project
MMART 150D-150LD: Final Cut Pro IV and Lab	research distribution opportunities and formulate a distribution plan based on appropriate audience and budget
MMART 151A-151LA: Digital Video Production I and Lab	demonstrate beginning skill levels with video production equipment
MMART 151A-151LA: Digital Video Production I and Lab	demonstrate the ability to work as a member of a production team and follow the guidance of a director
MMART 151A-151LA: Digital Video Production I and Lab	plan, organize and execute a video shoot based on an existing script
MMART 151B-151LB: Digital Video Production II and Lab	analyze audio environment for subject isolation, acoustics, and background noise. Select and use appropriate microphones. Record wild sound and Foley to enhance audio composition
MMART 151B-151LB: Digital Video Production II and Lab	analyze lighting requirements in a scene, considering potential light sources and safety issues. Employ 3-point lighting, gels, and reflectors. Understand video range. Develop a lighting plan
MMART 151B-151LB: Digital Video Production II and Lab	analyze script's pragmatic and aesthetic requirements. Interpret script in aesthetic terms and translate into audio, lighting, art direction, and camera work. Identify technical challenges
MMART 151B-151LB: Digital Video Production II and Lab	demonstrate intermediate skill levels in using the following video production equipment: digital video cameras, light kit, boom and lavaliere microphones, other video production equipment
MMART 151B-151LB: Digital Video Production II and Lab	demonstrate the ability to direct a production team: Direct Art Department and design production. Communicate color scheme, style, and era. Budget for wardrobe and props. Evaluate shooting locations for electricity, audio levels, and visual impact; direct photography, determine how cinematography introduces character, reveals plot, and interprets project goals. Execute smooth hand held camera technique. Maintain continuity
MMART 151C-151LC: Digital Video Production III and Lab	critically evaluate techniques used in professional video productions through the close study of film clips
MMART 151C-151LC: Digital Video Production III and Lab	gather research on industry standards and professional practices via use of texts, interviews with filmmakers, and internet forums
MMART 151C-151LC: Digital Video Production III and Lab	identify goals and key requirements for a video shoot as determined by the script and director
MMART 152A-152LA: Motion Graphics/After Effects I and Lab	identify essential roles, phases, and tools for creating time-based motion graphics and 2D animation projects: organize, prioritize, and plan sequences of tasks related to time-based project
MMART 152A-152LA: Motion Graphics/After Effects I and Lab	present a rough and final version of a motion graphics project to the class and incorporate appropriate suggestions from class members into the final version; critique presented pieces in a constructive and respectful way
MMART 152A-152LA: Motion Graphics/After Effects I and Lab	use Adobe After Effects to produce completed compositions combining video, stills, sound, graphics, typography, video, and 3D animation
MMART 152B-152LB: Motion Graphics/After Effects II and Lab	demonstrate intermediate knowledge of creating a time-based project using Adobe After Effects as well as other necessary software applications such as Adobe Photoshop, Adobe Illustrator, Apple Final Cut Pro, Apple Motion, Pro Tools, Cinema 4D, and/or Adobe Flash
MMART 152B-152LB: Motion Graphics/After Effects II and Lab	demonstrate intermediate level of skills pertinent to essential roles, phases, and tools for creating time-based motion graphics and 2D animation projects
MMART 152B-152LB: Motion Graphics/After Effects II and Lab	produce completed time-based compositions combining video, stills, sound, graphics, typography, video, and 3D animation
MMART 152C-152LC: Motion Graphics/After Effects III and Lab	demonstrate advanced knowledge of creating a time-based project using Adobe After Effects as well as other necessary software applications, such as Adobe Photoshop, Adobe Illustrator, Apple Final Cut Pro, Apple Motion, Pro Tools, Cinema 4D, and/or Adobe Flash
MMART 152C-152LC: Motion Graphics/After Effects III and Lab	demonstrate advanced level of skills pertinent to essential roles, phases, and tools for creating time-based motion graphics and 2D animation projects
MMART 152C-152LC: Motion Graphics/After Effects III and Lab	produce completed time-based compositions combining video, stills, sound, graphics, typography, video, and 3D animation
MMART 153-Digital Cinematography Basics	create equipment lists, shooting preproduction documents for cinematography and scheduling
MMART 153-Digital Cinematography Basics	employ basic duties, etiquette and terminology particular to the camera department
MMART 153-Digital Cinematography Basics	execute basic camera plans for an interview, multi-camera, live performance, or narrative shoot
MMART 154-Video Production Intensive	create budgets, equipment lists, shooting and production schedules
MMART 154-Video Production Intensive	effectively operate a basic digital video camera and execute basic camera movements
MMART 154-Video Production Intensive	practice fundamental on-set etiquette and terminology
MMART 155A-155LA-Special Projects in Digital Photography A and Lab	examine and discuss the history of photography
MMART 155A-155LA-Special Projects in Digital Photography A and Lab	operate digital cameras in a wide range of environments; explain and use photographic concepts from color temperature to lighting to depth of field
MMART 155A-155LA-Special Projects in Digital Photography A and Lab	use software to adjust and enhance photographic tonal range, contrast, vibrancy, etc; determine and calculate exposures
MMART 155B-155LB-Special Projects in Digital Photography B and Lab	effectively evaluate and critique photographs in both technical and aesthetic terms
MMART 155B-155LB-Special Projects in Digital Photography B and Lab	examine and discuss the history and theory of photography
MMART 155B-155LB-Special Projects in Digital Photography B and Lab	produce competent documentary photographs in a range of situations including effective use of supplemental off-camera lighting
MMART 155B-155LB-Special Projects in Digital Photography B and Lab	use software programs to adjust and enhance photographic images and to organize and catalogue photographic work
MMART 155C-155LC-Special Projects in Digital Photography C and Lab	begin to create and develop a personal photographic aesthetic or vision
MMART 155C-155LC-Special Projects in Digital Photography C and Lab	examine and discuss the history and theory of photography
MMART 155C-155LC-Special Projects in Digital Photography C and Lab	produce still life photographs utilizing studio practices including effective use of supplemental lighting on location
MMART 155C-155LC-Special Projects in Digital Photography C and Lab	use software programs to create composite photographic images
MMART 155D-155LD-Special Projects in Digital Photography D and Lab	arrange a cohesive group of photographs around one theme or topic
MMART 155D-155LD-Special Projects in Digital Photography D and Lab	discuss and justify concepts and techniques behind photographic work
MMART 155D-155LD-Special Projects in Digital Photography D and Lab	effectively use presentation strategies for photographic work
MMART 156-Documentary Production Intensive	conduct research related to the documentary subject using traditional and electronic sources; synthesize the information into a written treatment and edited video program
MMART 156-Documentary Production Intensive	create video documentary, non-fiction in form that communicates a clear message
MMART 157 Beginning Motion Picture Lighting	effectively execute basic lighting plans for an interview or narrative shoot
MMART 157 Beginning Motion Picture Lighting	employ basic duties, etiquette and terminology particular to the lighting department
MMART 157 Beginning Motion Picture Lighting	manage preproduction tools: create equipment lists, shooting preproduction documents for lighting and scheduling
MMART 160A-160LA: Web I: Dreamweaver and Lab	assess and critique own websites and those of others for usability, accessibility, and typographic and aesthetic value
MMART 160A-160LA: Web I: Dreamweaver and Lab	collect, acquire and prepare materials, organizing them into useful management systems through the use of graphics and web page layout programs
MMART 160A-160LA: Web I: Dreamweaver and Lab	create, upload, and evaluate the performance of websites for personal/commercial purposes using web page layout software, CSS and XHTML, and FTP software
MMART 160A-160LA: Web I: Dreamweaver and Lab	explain and discuss how the Web works, its history, and the types of websites currently in use

Courses	Outcome Description
MMART 160A-160LA: Web I: Dreamweaver and Lab	use the file formatting, file management, and interactivity features of relevant software programs such as Dreamweaver, Photoshop, Flash, Flash Video Encoder and scanning software
MMART 160B-160LB: Web II: Advanced Design Projects and Lab	critique own site and sites of others for usability, accessibility, and typographic and aesthetic value
MMART 160B-160LB: Web II: Advanced Design Projects and Lab	use advanced features of graphics software such as Dreamweaver, Photoshop, Flash, Flash Video Encoder, and other multimedia programs for file formatting, file management and interactive menus
MMART 160B-160LB: Web II: Advanced Design Projects and Lab	use page layout and FTP software, XHTML and CSS, to create a complex website for a client/organization, upload it, and maintain it
MMART 160B-160LB: Web II: Advanced Design Projects and Lab	work alone or in a team to create, develop and present storyboards, written proposal and sophisticated website for client/organization
MMART 160C-160LC: Web III: Web Commerce Applications and Lab	create a merchant site prototype as part of a team or individually
MMART 160C-160LC: Web III: Web Commerce Applications and Lab	demonstrate, discuss and perform various skills using advanced features of software such as Dreamweaver, Photoshop, Flash, Flash Video Encoder, and other graphic/3D multimedia programs, as well as database applications such as MySQL, ColdFusion, PHP, and WAMP/MAMP
MMART 160C-160LC: Web III: Web Commerce Applications and Lab	describe the different ways to make secure payment transactions, design a shopping cart application using a simple database, upload front and back end, and evaluate its performance
MMART 160C-160LC: Web III: Web Commerce Applications and Lab	distinguish among the roles of XHTML, CSS, and server-side scripting to create commercial web sites
MMART 161-Information Architecture I: Interface Design	apply a working knowledge of information design, navigation design, typography, and graphic design
MMART 161-Information Architecture I: Interface Design	compare and contrast the roles of the user interface designer and the information architect
MMART 161-Information Architecture I: Interface Design	examine physical perception issues, and identify design/access concerns for disabled people
MMART 161-Information Architecture I: Interface Design	set up team-based testing situations to use critical thinking to evaluate and refine a particular interactive interface and information architecture
MMART 162-162L: Web Graphics and Lab	demonstrate a working knowledge of different file formats for graphics and media such as GIF, JPG, PNG, QT, QTVR, SWF, FLV, MPEG, MP3, etc., and the basics of image compression techniques
MMART 162-162L: Web Graphics and Lab	demonstrate the relationship between color palettes for different operating systems, superpalettes, custom palettes, and web-safe palette
MMART 162-162L: Web Graphics and Lab	demonstrate the relationship between image bit-depth, resolution, and file size
MMART 162-162L: Web Graphics and Lab	demonstrate, discuss and perform various skill based upon selected topics, using advanced features of software such as Photoshop, Flash, Flash Video Encoder, scanning software, sound software, Dreamweaver and other graphic/multimedia programs
MMART 162-162L: Web Graphics and Lab	use scanner, digital camera, and raster-based and vector based programs to acquire and produce web-ready images and animations
MMART 163	its languages, jargon, and acronyms effectively.
MMART 163	Usability, Accessibility, Search Engine Optimization, and adherence to Copyright law.
MMART 163	Utilize current technologies and languages used in the construction of simple web sites.
MMART 174A-174LA: Web Development: Flash and Lab	define major ethical and aesthetic issues in web multimedia business today and evaluate the efficacy of web multimedia projects based on those criteria
MMART 174A-174LA: Web Development: Flash and Lab	demonstrate, discuss and perform various skills based upon selected topics, using advanced features of software such as Photoshop, Flash, Flash Video Encoder, 3D applications, and other graphic/multimedia programs
MMART 174A-174LA: Web Development: Flash and Lab	distinguish the core features of linear vs. nonlinear narrative
MMART 174A-174LA: Web Development: Flash and Lab	identify essential roles, phases, and tools for production of web multimedia projects, while organizing, prioritizing and planning sequences of tasks related to a multidimensional web multimedia project in development by a small team
MMART 175A-175LA: Interactive Authoring: CD/DVD and Lab	evaluate the efficacy of a multimedia project based on aesthetic, ethical, and business criteria
MMART 175A-175LA: Interactive Authoring: CD/DVD and Lab	identify core features of linear v. nonlinear narrative and employ basic design principles in effectively producing 2D and 3D animations, user interfaces, and basic interactive composition
MMART 175A-175LA: Interactive Authoring: CD/DVD and Lab	organize, prioritize, and plan sequences of tasks as well as identify essential roles, phases, and tools related to multimedia projects
MMART 175A-175LA: Interactive Authoring: CD/DVD and Lab	use major animation, imaging, and authoring programs to produce completed interactive compositions combining 2D and 3D animations, still images, short video clips, sound, and titles
MMART 175B-175LB: Animation Authoring II: Game Design and Lab	create, develop, and implement game content, aesthetics, and user interface design
MMART 175B-175LB: Animation Authoring II: Game Design and Lab	describe game theory and implement core concepts of interactive storytelling
MMART 175B-175LB: Animation Authoring II: Game Design and Lab	discuss and identify software technologies including: data-driven game design, multiplayer game programming, game AI (artificial intelligence)
MMART 175B-175LB: Animation Authoring II: Game Design and Lab	produce a game prototype using advanced functions of graphic and animation software such as scanning software, CS3 Adobe suite, 3D software applications and other graphic software programs
MMART 176-176L: 3-D Web Animation and Lab	evaluate 3D web sites and identify the essential 3D web concerns: file size, compression parameters, file formats, polygonal complexity, and bandwidth
MMART 176-176L: 3-D Web Animation and Lab	plan a short 3D animated sequence, including storyboard, priorities & timeline
MMART 176-176L: 3-D Web Animation and Lab	use a major 3D program to produce a short 3D animated sequence on the web and organize, prioritize, and plan the sequence of tasks related to a small group project, including production schedules, asset management, and file formatting
MMART 176-176L: 3-D Web Animation and Lab	utilize advanced functions of 3D software such as 3D Studio Max, Maya, Swift 3D, Flash and Dreamweaver
MMART 177-177L: Introduction to Animation Principles and Lab	design animated scenes based on dynamic composition; create and follow timing charts to test animation
MMART 177-177L: Introduction to Animation Principles and Lab	evaluate professional animation examples using traditional principles
MMART 177-177L: Introduction to Animation Principles and Lab	produce and animate basic human, animal, object and effects motion following traditional principles; synchronize animated movement to sound track reading
MMART 177-177L: Introduction to Animation Principles and Lab	utilize model sheets and expression sheets to create fully-realized animated characters
MMART 178-178L: Drawing for Animation and Lab	create a portfolio of the best drawings and a sample reel of animation tests after class evaluations and critiques; incorporate critique suggestions into final projects
MMART 178-178L: Drawing for Animation and Lab	evaluate and adjust resulting animation tests
MMART 178-178L: Drawing for Animation and Lab	scan and test drawings with computer animation software
MMART 178-178L: Drawing for Animation and Lab	sketch human and animal figures in action poses; visualize and create animation drawings to represent natural movement
MMART 178-178L: Drawing for Animation and Lab	utilize advanced functions of graphic and animation software such as Adobe Photoshop, Adobe Flash, Adobe Illustrator or Corel Painter
MMART 179-Animation Layout & Visual Development	analyze storyboards; break down and create scene components: incorporating character design, prop design, and background design; draw structurally with a good grasp of perspective
MMART 179-Animation Layout & Visual Development	demonstrate intermediate skill levels in layout design; draw completed scene layouts from the variety of camera angles, balancing the staging of character action in relationship to the background to create dynamic composition
MMART 179-Animation Layout & Visual Development	evaluate the storytelling main theme, the graphic mood, and point of view of an animated script, research appropriate references to aid in conceptual design, and draw and describe visualizations that use color, lighting, and composition
MMART 179-Animation Layout & Visual Development	present animation layouts from conception to final reel; participate in evaluation and critique of class work; incorporate critique suggestions into final projects: as well as demonstrate informed and respectful animation analytical skills during group critiques
MMART 180-180L: Animation Special Effects and Lab	complete a visual effects scene, with sound and present to class for group critique
MMART 180-180L: Animation Special Effects and Lab	composite effects elements and live action, as well as effects and animated footage; utilize sound to enhance visual effects
MMART 180-180L: Animation Special Effects and Lab	identify the milestones in the evolution of visual effects work; analyze special effects footage to reverse engineer effects shots; research references to aid in conceptual design and implementation of an effect
MMART 180-180L: Animation Special Effects and Lab	rotoscope live action; animate objects and natural phenomena in 2D, often following the laws of physical motion & weight (physics); animate objects and natural phenomena in 3D, utilizing particle systems or other programmed behaviors
MMART 180-180L: Animation Special Effects and Lab	storyboard, plan and schedule an effects scene, implement a production schedule, which supports the asset management, file formatting & particular features of the graphic software such as Adobe Photoshop, Adobe After Effects, Cinema 4D, or Final Cut Pro
MMART 181-181L: Experimental Animation and Lab	apply traditional animation techniques and principles to create the following projects: a clay project, a stop motion project, a paper cutout project, a animated puppet project, a colored sand project, mixed media project, and a digital video manipulation animated project
MMART 181-181L: Experimental Animation and Lab	create a final animation project in the technique of their choice
MMART 181-181L: Experimental Animation and Lab	demonstrate intermediate skill levels in using computer applications (Adobe Photoshop, Adobe Flash, scanning, Lunch Box animation tester, other 2D or 3D software) to import files, capture animations, composite animations, utilize transitions and export files using the appropriate settings for various media destinations
MMART 181-181L: Experimental Animation and Lab	document and analyze historical experimental animation; describe techniques in the various mediums; evaluate and determine the relative strengths and weaknesses of each method of experimental animation
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	apply effective communication in order to understand requirements of multi-dimensional tasks; work creatively on a small project team; describe and explain rendering issues and output issues
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	demonstrate how to create materials to texture 3D models from images or from shaders; utilize advanced features of graphic software such as: Adobe Illustrator, Adobe Photoshop, and other graphic/multimedia programs
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	demonstrate how to use camera and lighting settings to enhance final illustration/animation
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	describe and explain rendering issues and output issues
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	explain expectations of the professional world as well as current developments in the field
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	explain expectations of the professional world as well as current developments in the field; explain copyright issues and be able to choose ethical course of action
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	explain the concept of 3D space as it relates to the virtual realm of the computer; identify essential roles identify the essential roles, phases and tools for 3D illustration and animation
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	identify the essential roles, phases and tools for 3D illustration and animation
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	organize, prioritize, and plan sequence of tasks related to 3D projects
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	use a major 3D program to produce: several computer generated models a 3D illustration a 3D animated sequence
MMART 185A-185LA: 3-D Illustration/Cinema 4D I and Lab	utilize advanced features of graphic software such as: Adobe Illustrator, Adobe Photoshop, and other graphic/multimedia programs
MMART 185B-185LB: 3-D Illustration/Cinema 4D II and Lab	apply effective communication in order to: Understand requirements of multi-dimensional tasks Work creatively on a small group project
MMART 185B-185LB: 3-D Illustration/Cinema 4D II and Lab	demonstrate advanced camera and lighting settings to enhance final illustration/animation
MMART 185B-185LB: 3-D Illustration/Cinema 4D II and Lab	demonstrate enhanced/advanced concept of 3D space as it relates to the virtual realm of the computer
MMART 185B-185LB: 3-D Illustration/Cinema 4D II and Lab	explain the rendering issues related to high-resolution output
MMART 185B-185LB: 3-D Illustration/Cinema 4D II and Lab	identify the essential roles, phases and tools for 3D illustration and animation
MMART 185B-185LB: 3-D Illustration/Cinema 4D II and Lab	organize, prioritize, and plan sequence of tasks related to a small group (two/three person) projects
MMART 185B-185LB: 3-D Illustration/Cinema 4D II and Lab	use a major 3D program to produce a: computer generated photo-realistic model 3D illustration suitable for a high resolution output Computer generated CA (organic) model 3D animated sequence
MMART 185B-185LB: 3-D Illustration/Cinema 4D II and Lab	utilize advanced features of graphic software such as Adobe Illustrator, Adobe Photoshop, other graphic and multimedia programs
MMART 186 Flash 2D Animation	demonstrate skill levels in using CS4 Flash as well as integration with other computer software such as Quick Time, Adobe Photoshop, Illustrator, Garage Band, After Effects and additional sound editing programs to import files, design and create animations, and special effects, generate camera moves, add audio, edit and export files using appropriate settings for media output
MMART 186 Flash 2D Animation	design, create and produce two 30-second completed animations utilizing professional animation studio production skills and working methodically from preproduction to production and to post production
MMART 186 Flash 2D Animation	employ proper Flash organization skills and user interface manipulation

Courses	Outcome Description
MMART 186 Flash 2D Animation	present animation work through the various production stages to class and participate in evaluation and critique of class animations; incorporate critique suggestions into final projects; demonstrate informed and respectful animation analytical skills during group critiques
MMART 186L Flash 2D Animation Lab	demonstrate skill levels in using CS4 Flash as well as integration with other computer software such as Quick Time, Adobe Photoshop, Illustrator, Garage Band, After Effects and additional sound editing programs to import files, design and create animations, and special effects, generate camera moves, add audio, edit and export files using appropriate settings for media output.
MMART 186L Flash 2D Animation Lab	design animated projects in the proper formats while using good layout principles
MMART 186L Flash 2D Animation Lab	design, create and produce two 30-second completed animations utilizing professional animation studio production skills and working methodically from preproduction to production and to post production
MMART 186L Flash 2D Animation Lab	employ proper Flash organization skills and user interface manipulation
MMART 186L Flash 2D Animation Lab	evaluate the type of animation needed and distinguish among traditional or program-based animation
MMART 186L Flash 2D Animation Lab	manage the program's interface
MMART 186L Flash 2D Animation Lab	present animation work through the various production stages to class and participate in evaluation and critique of class animations; incorporate critique suggestions into final projects; demonstrate informed and respectful animation analytical skills during group critiques
MMART 195A-195LA: Special Projects: Digital Arts Festival Organization and	Explain the dominant formats, genres, and trends in contemporary media art.
MMART 195A-195LA: Special Projects: Digital Arts Festival Organization and	Identify, describe, and apply professional festival jurying criteria. Communicate and negotiate effectively in the team effort of the jurying process.
MMART 195A-195LA: Special Projects: Digital Arts Festival Organization and	Plan and organize the festival event, including the following: construct and follow a timeline of deadlines, follow a budget and business plan as they relate to curating a festival, write and send out press releases, locate and communicate with community resources and organizations that can help support and publicize the festival
MMART 195A-195LA: Special Projects: Digital Arts Festival Organization and	Research & distinguish the guidelines and procedures of national and international festivals as well as research film festival related funding sources.
MMART 195B-195LB: Special Project: Digital Arts Festival Production and Lab	Apply professional festival criteria in programming festival entries while using appropriate critical thinking skills in determining the appropriate place of each entry in its relation to the whole festival program.
MMART 195B-195LB: Special Project: Digital Arts Festival Production and Lab	Articulate the copyright laws as they apply to material considered for the festival and take appropriate action to secure releases and permissions.
MMART 195B-195LB: Special Project: Digital Arts Festival Production and Lab	Follow a budget, business plan, and timeline as they relate to producing a festival. Make a professional presentation introducing a film to an audience. Prepare and disseminate an effective press release and other publicity materials including posters etc.. Communicate and negotiate effectively in the team effort of the festival production.
MMART 195B-195LB: Special Project: Digital Arts Festival Production and Lab	Identify, describe, and effectively use appropriate equipment & software for preparing the festival program - digitizing, sequencing, titling, color & sound correcting, mastering the final festival to DVD.
MMART 196A-196LA: Special Project: Digital Arts Festival Organization and L	analyze the modern professional art business model as it relates to digital image workers; assess company, industry and geographic market structures for marketing, collaboration, networking, and fund raising opportunities; identify demand for multimedia arts services
MMART 196A-196LA: Special Project: Digital Arts Festival Organization and L	demonstrate speaking skills by presenting an elevator pitch to a panel of three multimedia arts world professionals; perfect this speech with a critique system developed with fellow students
MMART 196A-196LA: Special Project: Digital Arts Festival Organization and L	explore the most relevant art marketing and portfolio software, such as: Adobe CS3 Suite (Photoshop, InDesign, Illustrator, Dreamweaver, Flash, After Effects) Apple Final Cut Pro and/or DVD Studio Pro Microsoft Word, Excel, Access, PowerPoint, SQL Other software such as QuickBooks (accounting), ACT1 (contacts), Google (research) Organize and manage a small-scale art exhibition located in the community that includes all aspects of planning from inception to jury to hanging to reception to completion
MMART 196A-196LA: Special Project: Digital Arts Festival Organization and L	prepare a flexible art marketing and art sales work flow; a multimedia arts digital portfolio; an art market-targeted mini-portfolio
MMART 197-197L: Multimedia Portfolio/Sample Reel Development	create and brand foundation documents to be used in a business portfolio (logo, resume, cover letter, business card, image sheet, dvd/reel); organize these in a file structure for replication
MMART 197-197L: Multimedia Portfolio/Sample Reel Development	design a full-scale employment management system including: evaluation on best presentation method for a range of work; a critique method for planning professional presentations, a research methodology for assessing prospective projects and employment, preparation for an interview, demonstration interview skills
MMART 197-197L: Multimedia Portfolio/Sample Reel Development	establish a critique/self-critique methodology for use in creating a physical portfolio of printed work; generate the first draft of a portfolio including a discussion of files organization and structure for standardization and future ease of replication
MMART 197-197L: Multimedia Portfolio/Sample Reel Development	explore the most relevant multimedia portfolio development software, such as: Adobe CS3 Suite (Photoshop, InDesign, Illustrator, Dreamweaver, Flash, After Effects); Apple Final Cut Pro and/or DVD Studio Pro Microsoft Word, Excel, Access, PowerPoint Other software such as Quickbooks (accounting), ACT1 (contacts), Google (research)
MMART 197-197L: Multimedia Portfolio/Sample Reel Development	generate the follow-on outputs for the basic packet including a professional slideshow presentation, a simple Flash or Dreamweaver website, a simple reel using Final Cut Pro or After Effects technology, and a basic DVD with pertinent files
MMART 198-Multimedia Project Management	Describe and assess the scope of a multimedia project, prepare a scoping/planning document that meets project-related customer needs and that encompasses the production process, staffing, budgets and time-lines.
MMART 198-Multimedia Project Management	Describe the responsibilities and activities of the producer, director, cinematographer, sound recordist, lighting technician, and production assistants in a small multimedia project.
MMART 198-Multimedia Project Management	Develop a budget, a contract, and a timeline for a real multimedia project; then adhere to the developed criteria as the project is completed.
MMART 198-Multimedia Project Management	Develop and demonstrate successful communication techniques with clients and with other team members involved in the multimedia project.
MMART 198-Multimedia Project Management	Using modern technology - cameras, lighting, sound recording and computer digital NLE software, deliver as proposed the finished multimedia project to the client within the timeline and budget specified.
MMART 199-Multimedia Special Projects	apply proven communication skills in order to work creatively and effectively in a collaborative environment; meet stepped requirements of multidimensional tasks; balance working priorities when handling a variety of assignment tasks
MMART 199-Multimedia Special Projects	demonstrate mastery of artistic and computer skills needed to contribute effectively including design principles, creating multimedia materials to be included in the group project (and later individual professional portfolio), integrate a variety of media, software and platforms in a group production including Adobe CS3 software (Photoshop, Illustrator, InDesign, Dreamweaver, After Effects, Flash, Bridge, Lightroom, Acrobat), Microsoft software including Word, Excel and Access, ancillary business software such as Quickbooks, contact management, email and web search engines
MMART 199-Multimedia Special Projects	Identify essential management roles, phases, and tools for multimedia projects by participating in an actual large-scale multimedia arts project during the semester
MMART 199-Multimedia Special Projects	organize, prioritize, and plan sequences of tasks related to the group project including demonstration of good work habits, file management and effective business meetings
MMART 200-Macintosh Basics for Multimedia	create multimedia presentations that includes photos, audio, and video using the native multimedia tools that are part of Apple's OS X (iWork & iLife).
MMART 200-Macintosh Basics for Multimedia	create, name, rename, save, organize, archive and delete digital multimedia files (photo, music, video, and project files)
MMART 200-Macintosh Basics for Multimedia	Use and troubleshoot basic computer software and hardware and get help online
MMART 228C Introduction to InDesign Desktop Publishing	prepare newsletter and template projects using an integrated desktop publishing system including a computer, laser printer, graphic scanner or digital camera and InDesign page layout software
MMART 228C Introduction to InDesign Desktop Publishing	produce professional level publications, applying the following skills: use InDesign software to set application and publication-level defaults, import graphics and text, navigate screens, menus, and the tool palette, to integrate text and graphics
MUSIC 015A-Jazz, Blues and Popular Music in the American Culture	describe social contexts and movements which have led to the development of American jazz today;
MUSIC 015A-Jazz, Blues and Popular Music in the American Culture	evaluate American cultural heritage of jazz; describe the role and significance of jazz as a part of American cultural heritage; discuss the emergence of Jazz in the United States and list major Jazz trends and artists from the 19th and 20th Centuries; compare and contrast Country, City and Modern Blues styles, distinction between Ragtime, Stride and Boogie-Woogie piano styles, and differentiate among New Orleans and Chicago Dixieland band styles
MUSIC 015A-Jazz, Blues and Popular Music in the American Culture	examine historic figures in American jazz; identify key historic figures in and styles of American jazz and critically discuss them; identify the structure of the early Swing Big Bands and assess the influences of musicians such as Duke Ellington, Coleman Hawkins, Ella Fitzgerald and Art Tatum on the development of swing in the United States
MUSIC 015A-Jazz, Blues and Popular Music in the American Culture	name major figures in jazz history, define jazz-related terms, describe the evolution of musical characteristics in jazz, and also describe jazz history as it relates to race relations in America.
MUSIC 015B-Jazz, Blues and Popular Music in the American Culture	analyze the social contexts and movements which have led to the development of American popular music today
MUSIC 015B-Jazz, Blues and Popular Music in the American Culture	describe different popular music styles using concepts and vocabulary learned
MUSIC 015B-Jazz, Blues and Popular Music in the American Culture	examine key historic figures in and styles of American popular music and critically discuss them
MUSIC 015B-Jazz, Blues and Popular Music in the American Culture	name major figures in Popular Music History, define music-related terms, describe the evolution of musical characteristics in popular music, and describe popular music history as it relates to race relations in America
MUSIC 025A-D - College Choir	sing assigned music 1 to a part (SATB); describe and demonstrate vocal techniques covered in class
PHIL 001-Introduction to Philosophy	ability to recognize and understand major philosophical concepts and methodologies
PHIL 001-Introduction to Philosophy	ability to recognize foundations of opinion and the application of ethical theories
PHIL 001-Introduction to Philosophy	analyze and define philosophical concepts using examples
PHIL 001-Introduction to Philosophy	apply deductive and inductive reasoning
PHIL 001-Introduction to Philosophy	coherently evaluate and argue for and against philosophical concepts
PHIL 001-Introduction to Philosophy	Compare and contrast different philosophical schools
PHIL 001-Introduction to Philosophy	examine awareness of cultural, historical, and class-based interpretations of human nature and values
PHIL 001-Introduction to Philosophy	Name and explain major philosophical concepts and theories.
PHIL 001-Introduction to Philosophy	recognition of subjective influences in the formulation of personal philosophical attitudes
PHIL 001-Introduction to Philosophy	recognize basic structure of arguments
PHIL 001-Introduction to Philosophy	understand major philosophical concepts
PHIL 002 Social and Political Philosophy	analyze and evaluate philosophical positions through argument that displays individual perspective
PHIL 002 Social and Political Philosophy	evaluate and discuss the concepts of the philosophers covered during the semester
PHIL 010-Logic	ability to apply coherent logical analysis to the formulation of opinion
PHIL 010-Logic	ability to deconstruct and diagram argumentative statements
PHIL 010-Logic	application of self-critical methodologies as a means to objective discourse
PHIL 010-Logic	differentiate between deductive and inductive reasoning; diagram sentences; recognize logical fallacies; recognize vague, ambiguous, and propagandistic language
PHIL 010-Logic	effectively deconstruct and diagram argumentative statements
PHIL 010-Logic	Recognition culture-based value assumptions.
PHIL 010-Logic	systematically construct and express sound arguments
PHIL 011	Demonstrate techniques for identifying the logical structures and evaluation of statements, pairs of statements, sets of statements, as well as arguments, using various logical techniques, i.e., truth-tables, truth-trees, and formal rules of derivation.
PHIL 016-Buddhist Philosophy	apply Buddhist existential principles to the understanding of the nature of life and self
PHIL 016-Buddhist Philosophy	differentiate between three Buddhist traditions; explain principles of three Buddhist schools; identify the foundation of Buddhist metaphysics and ethics
PHIL 020A History of Ancient Greek Philosophy	Analyze and evaluate philosophical positions through argument that displays individual perspective.

Courses	Outcome Description
PHIL 020A-History of Ancient Greek Philosophy	Demonstrate comprehension of the concepts of the philosophers discussed during the semester.
PHIL 020B-History of Modern European Philosophy	critically evaluate real-world ethical situations
PHIL 020B-History of Modern European Philosophy	differentiate between and define ethical theories both in writing and in discussion
PHIL 020B-History of Modern European Philosophy	distinguish among and analyze different theories of ethics, applying them, both in writing and in discussion, to various theoretical ethical situations
PHIL 031Aa€C Human Values/Ethics	apply, both in writing and in discussion, different theories of ethics to various theoretical ethical situations
PHIL 031Aa€C Human Values/Ethics	differentiate among and define various ethical theories, both in writing and in discussion
PHIL 031Aa€C Human Values/Ethics	evaluate critically real-world ethical situations
PHIL 035-Feminist Philosophy	analyze key theoretical approaches from different historical and cultural feminist movements; apply feminist analysis to current national and world affairs
PHIL 035-Feminist Philosophy	analyze their own experiences with gender inequality with regards to race, class and disability
PHIL 035-Feminist Philosophy	define core feminist theoretical terms and identify how these terms are relevant to issues surrounding gender inequalities and the deconstruction of patriarchal discourse; analyze the nature of womena€™s oppression through social and cultural structures and explain some causes and consequences of this oppression
PHIL 035-Feminist Philosophy	describe strengths and pitfalls of hegemonic and minority feminist views in a global setting
PHIL 037 Introduction to Asian Philosophy	analyze and evaluate philosophical positions through argument that displays individual perspective
PHIL 037 Introduction to Asian Philosophy	explain the concepts of the philosophers discussed during the semester
PHIL 046-Philosophy of the Human Experience	ability to critically and objectively consider onea€™s own predisposition in the formation of opinion
PHIL 046-Philosophy of the Human Experience	ability to critique the extent of human will and responsibility, and the role of the individual in society and the world at large
PHIL 046-Philosophy of the Human Experience	ability to impartially share philosophical opinions and to consider those of others
PHIL 046-Philosophy of the Human Experience	ability to recognize, formulate and coherently express onea€™s own philosophical disposition
PHIL 046-Philosophy of the Human Experience	ability to understand a variety of philosophical and religious models of human nature, theories of God, purpose, and freewill
PHIL 046-Philosophy of the Human Experience	critically assess a personal opinion regarding the nature of the human self, will, and purpose
PHIL 046-Philosophy of the Human Experience	recognition and acknowledgement of diverse culture-based philosophical and religious perspectives
PHIL 046-Philosophy of the Human Experience	summarize and describe various philosophical and religious models regarding the nature of the human self, will, and purpose
PHYS 003A-General Physics	Students explain and discuss both verbally and in written language the physics concepts listed in course content, as well as their relevance to everyday events and circumstances in a broad interdisciplinary context.
PHYS 003A-General Physics	Students set up laboratory equipment safely and efficiently, plan and carry out experimental procedures, identify possible sources of error, implement techniques that enhance precision, reduce and interpret data, and report verbally and in written language the experimental data, results, and assessment of reliability.
PHYS 003A-General Physics	Students use algebra, trigonometry, and calculus to set up mathematical descriptions of physical systems and to calculate measurable quantities that provide an understanding of the physical environment in terms of the concepts listed in the course content.
PHYS 010-Introduction to Physics	describe the basis of the scientific method; distinguish between a scientific theory and speculation and describe at a conceptual level the fundamental elements of energy, motion, and thermodynamics and electricity and magnetism
PHYS 020-Introduction to the Marine Environment	Apply the natural processes in the global oceans to the unique environments of the Bay Area.
PHYS 020-Introduction to the Marine Environment	Describe the basic natural processes in the oceans including plate tectonics, meteorology, oceanic surface and deep circulation, and the adaptations of living organisms.
PORT 001A-Elementary Portuguese	demonstrate knowledge of grammar, vocabulary and communicative competence in the Portuguese language
PORT 001A-Elementary Portuguese	demonstrate knowledge of the cultural, literary and linguistic structure that exists in the Portuguese-speaking world
PORT 001A-Elementary Portuguese	interpret Portuguese-language texts according to their cultural, literary and/or linguistic content
PORT 001B-Elementary Portuguese	demonstrate knowledge of grammar, vocabulary and communicative competence in the Portuguese language
PORT 001B-Elementary Portuguese	demonstrate knowledge of the cultural, literary and linguistic structure, which exists in the Portuguese-speaking world
PORT 001B-Elementary Portuguese	interpret Portuguese-language texts according to their cultural, literary and/or linguistic content
POSCI 001-Government and Politics in the United States	analyze the roles of the media and citizens in achieving good government in this country
POSCI 001-Government and Politics in the United States	describe fundamental rights given to the people under the Constitution and the Bill of Rights
POSCI 001-Government and Politics in the United States	distinguish among the roles of the three branches of the U.S. Government in law making
POSCI 002-Comparative Government	analyze political thinking, analysis, theory and philosophy, examine and apply a€œfutures consciousness” -- apply and practice these skills in the process of learning about the emergent orders of government(s) in the modern worlds system as well of the system as whole
POSCI 002-Comparative Government	apply and render useful socio-political concepts in one's everyday life as a citizen in a 21st Century knowledge economy in the context of global environmental challenges and apply the principles of democratic philosophy in socio-political and personal contexts
POSCI 002-Comparative Government	identify and examine historical background and evolution of the principles of government and governance in various systems and their institutions in the modern world system today
POSCI 003-International Relations	analyze the direct and indirect ways in which international politics impact everyday life
POSCI 003-International Relations	critically analyze significant works in International Relations
POSCI 003-International Relations	examine and apply various theories relating to state-to-state relations in the context of globalization.
POSCI 004 Political Theory	Articulate an appreciation of how to render useful socio-political concepts in one's everyday life as a citizen in a 21st Century knowledge economy in the context of profound global ecological challenges and the ability to apply the principles of democratic philosophy in their own contexts socio-political and personal.
POSCI 004 Political Theory	Demonstrate an enhanced ability to use political thinking, analysis (theory and philosophy), and a€œfutures consciousnessa€- ability to apply and practice these discipline skills, in the process of learning about the dynamic patterns shaping the modern world system and the impact this has upon the lives of people in their day to day lived lives.
POSCI 004 Political Theory	Demonstrate an overall working knowledge of the historical background and evolution of the principles of political theory and philosophy and key examples and how these manifest in the modern world system in shaping today and the future
POSCI 005-American Politics and Minority Groups	apply the theory of equality and subordination to minority groups
POSCI 005-American Politics and Minority Groups	examine and discuss the major policies that established racial categories in the United States
POSCI 005-American Politics and Minority Groups	explain the racial views of the framers of the United States Constitution
POSCI 006-The U.S. Constitution and Criminal Due Process	compare and debate the pros and cons of current issues affecting civil rights
POSCI 006-The U.S. Constitution and Criminal Due Process	examine how procedural civil rights protect the accused under our adversary system of justice
POSCI 006-The U.S. Constitution and Criminal Due Process	read and analyze U.S. Supreme Court decisions to determine how they affect individual rights
POSCI 020-Current World Problems	analyze and evaluate the measures employed by nations or institutions to resolve conflicts
POSCI 020-Current World Problems	examine the causes and effects of the economic gaps between rich and poor nations
POSCI 020-Current World Problems	examine the history, nature and causes of regional and world conflicts from 1920 - present
POSCI 025-Developing World	Compare and contrast the current conditions of first, second and third worlds; and discuss current issues and problems of underdevelopment.
POSCI 025-Developing World	Conduct in depth research using the internet to find the latest information about the underdeveloped regions of the world.
POSCI 025-Developing World	Define and identify different developing countries and regions and describe the historical evolution of developing countries
POSCI 034-Global Political Economy	develop an understanding of the interdependence of states and markets and how this affects individuals in the economy
POSCI 034-Global Political Economy	develop cultural awareness and understand the role of culture in influencing political and economic outcomes using selected regions and countries
POSCI 034-Global Political Economy	identify and define key global issues and institutions, e.g., financial crises, trade, migrations, the World Trade; organization, the United Nations, transnational corporations, strategies for sustainable development
PSYCH 001A-Introduction to General Psychology	demonstrate familiarity with the major concepts, theoretical perspectives, and empirical findings in psychology. Understand and apply basic research methods in psychology
PSYCH 001A-Introduction to General Psychology	describe and evaluate the major theories of psychology
PSYCH 001A-Introduction to General Psychology	describe and utilize the major concepts of psychology
PSYCH 001A-Introduction to General Psychology	examine and apply the major empirical findings of psychology
PSYCH 001A-Introduction to General Psychology	recognize, understand, and respect the complexity of sociocultural and international diversity and their impacts on human behavior and mental processes
PSYCH 001A-Introduction to General Psychology	understand and apply psychological principles to personal, and social issues
PSYCH 001A-Introduction to General Psychology	use critical thinking and the scientific approach to address problems related to human behavior and mental processes
PSYCH 001A-Introduction to General Psychology	value empirical evidence, tolerate ambiguity, act ethically and recognize, understand, and respect the complexity of human behavior and mental processes
PSYCH 006-Social Psychology	describe major concepts, theoretical perspectives, and empirical findings of social psychology and apply basic research methods of social psychology
PSYCH 006-Social Psychology	examine the complexity of sociocultural and international diversity and its impact on human social behavior and mental processes
PSYCH 006-Social Psychology	understand and apply psychological principles to personal, and social issues
PSYCH 006-Social Psychology	use critical thinking and the scientific approach to address problems related to the way individuals think about, relate to and influence each other; apply social psychology principles to personal and social issues
PSYCH 006-Social Psychology	value empirical evidence, tolerate ambiguity, act ethically
PSYCH 007A-Psychology of Childhood	utilize empirical research results, concepts and theories to examine physical, cognitive, social and emotional development in the individual from conception to adolescence; critically assess research reports
PSYCH 010-Psychology and Life: Basic Principles	demonstrate familiarity with the major concepts, theories, and terminology of psychology
PSYCH 010-Psychology and Life: Basic Principles	recognize, understand, and respect individuals of different sociocultural and international origins
PSYCH 010-Psychology and Life: Basic Principles	understand and apply psychological principles to personal, and social issues
PSYCH 010-Psychology and Life: Basic Principles	value scientific evidence, tolerate ambiguity, act ethically
PSYCH 021-Lifespan Human Development	Utilize empirical research results, concepts and theories to examine physical, cognitive, social and emotional development in the individual from conception to death
PSYCH 028 Introduction to Research Methods in Psychology	Identify and evaluate all parts of the research process including research design, ethical standards, participant and variable selection, data analysis, interpretation, and communication.
PSYCH 028 Introduction to Research Methods in Psychology	Use critical and creative thinking, skeptical inquiry and the scientific approach to develop and test hypotheses related to behavior and mental processes.
PSYCH 030-Psychology of Men and Women	analyze the contributions of biological and environmental factors to the development of gender and the maintenance of gender differences
PSYCH 030-Psychology of Men and Women	assess basic research methods of the field, including research design, data evaluation and interpretation; critically assess key issues in the study of sex and gender
PSYCH 030-Psychology of Men and Women	describe and demonstrate respect for the complexity of sociocultural and international diversity
PSYCH 030-Psychology of Men and Women	discuss the major concepts, theoretical perspectives and empirical findings of the scientific study of women and men
PSYCH 030-Psychology of Men and Women	value empirical evidence, tolerate ambiguity, act ethically and recognize, understand, and respect the complexity of sex and gender
SOC 001-Introduction to Sociology	construct a sociological biography that reframes their lived experiences by evaluating the impact of culture, stratification and power in their own lives
SOC 001-Introduction to Sociology	define core sociological terms and identify how these terms are connected to the sociological perspective
SOC 001-Introduction to Sociology	demonstrate how identities such as race, class, gender, age, sexual orientation, religion, and nationality contribute to a range of social experiences and social perspectives
SOC 001-Introduction to Sociology	examine how identities such as race, class, gender, age, sexual orientation, religion, and nationality contribute to a range of social experiences and social perspectives

Courses	Outcome Description
SOC 001-Introduction to Sociology	identify the key theoretical approaches and explain how the insights generated by these approaches inform sociology
SOC 002-Social Problems	construct a sociological biography that re-frames how individuals' personal problems should be evaluated through macro analysis of cultural, structural, and economic factors
SOC 002-Social Problems	evaluate the development, implementation, and efficacy of past and current social policies utilizing sociological approaches to social problems
SOC 002-Social Problems	examine the framework of social institutions that make up the social structure of US society as well as detail the functions of these institutions
SOC 002-Social Problems	identify the key theoretical approaches sociology employs when studying social problems and explain how the insights generated by these approaches inform social policy
SOC 003-Sociology of Women	analyze how gender interacts with other dimensions of social identity such as nationality, class, race/ethnicity, age, religion, sexual orientation, and ability/disability to generate different issues, challenges, and forms of feminist activism for different populations of women
SOC 003-Sociology of Women	analyze the interplay of social influences and human agency in the process of gender socialization
SOC 003-Sociology of Women	describe and explain significant social, economic, political, cultural, and ideological trends that have been affecting the status, roles, and well-being of women in different social locations in particular, the trends related to women's paid work, unpaid work, and family lives
SOC 003-Sociology of Women	examine social constructionist explanations of gendered behaviors; critically evaluate essentialist assumptions and sexist ideologies
SOC 005-Minority Groups	define key terms utilized in the study of minority groups, identify the core components of multiculturalism and demonstrate how these concepts are connected to the sociological perspective
SOC 005-Minority Groups	define key terms utilized in the study of minority groups, identify the core components of multiculturalism and demonstrate how these concepts are connected to the sociological perspective
SOC 005-Minority Groups	evaluate the embedded relationship between social dominance in its numerous forms and minority status
SOC 005-Minority Groups	explain past practices, current social policy and research data surrounding minority groups and critique these policies, practices and data by providing support for their evaluations and critiques from sociological research
SOC 005-Minority Groups	identify the key theoretical approaches used by sociologists and how the insights generated by these approaches explain both the historical and contemporary experiences of minority groups in the United States
SOC 008-Crime and Deviance	define core terms and concepts utilized in the study of crime and deviance, identify the primary social institutions that manage social deviance and determine how these terms are connected to the sociological perspective
SOC 008-Crime and Deviance	evaluate and critique widely held social beliefs, social policy practices and research data surrounding crime and deviance by providing support for their evaluations and critiques from sociological research
SOC 008-Crime and Deviance	examine how deviant and criminal identities are socio-cultural constructs that intersect with other social identities such as race/ethnicity, class, gender, age, and sexual orientation
SOC 008-Crime and Deviance	identify the key theoretical approaches used by sociologists and select components of these approaches to draw conclusions about current research findings in the field of crime and deviance
SOC 008-Crime and Deviance	Students will be able to evaluate and critique widely held social beliefs, social policy practices and research data surrounding crime and deviance by providing support for their evaluations and critiques from sociological research.
SOC 010-Introduction to the Sociology of Work	construct a sociological biography that reframes one's lived experiences by evaluating the impact of culture, stratification and power in one's own life
SOC 010-Introduction to the Sociology of Work	define core sociological terms and identify how these terms are connected to the sociological perspective
SOC 010-Introduction to the Sociology of Work	examine how identities such as race, class, gender, age, sexual orientation, religion, and nationality contribute to a range of social experiences and social perspectives
SOC 010-Introduction to the Sociology of Work	identify the key theoretical approaches and explain how the insights generated by these approaches inform sociology
SOC 013-Sociology of the Family	analyze one's own family history by connecting lived experience with large scale historical, social, economic, and political factors and integrating these factors by preparing a sociological biography of one's own family
SOC 013-Sociology of the Family	assess and critique social assumptions and media presentations of ethnic-racial minority families and alternative family formations by providing support for their critiques from sociological research
SOC 013-Sociology of the Family	describe the sociological perspective as it applies to families and family formation; describe the array of family structures found globally and in the United States along with current social and economic trends impacting American families
SOC 013-Sociology of the Family	identify key sociological theories in the field of sociology of the family and judge which theories best inform ongoing debates about family structure and social policy
SOCSOC 001-Introduction to Women's Studies	analyze some key current issues confronting girls and women in different cultures, communities, and economic groups
SOCSOC 001-Introduction to Women's Studies	critique manifestations of patriarchy and sexism (and their intersections with other forms of inequality) in various areas of social life and interpersonal relations
SOCSOC 001-Introduction to Women's Studies	explain and evaluate diverse strategies for women's empowerment, including those pursued by the contemporary U.S. and global women's movements
SOCSOC 101-Introduction to Social Services	critically assess current political, social, and economic issues impacting local social services programs and services
SOCSOC 101-Introduction to Social Services	examine the history as well as the role and scope of practice of entry level social services paraprofessionals
SPAN 001A-Elementary Spanish	analyze Spanish-language texts according to their cultural, literary and/or linguistic content
SPAN 001A-Elementary Spanish	use grammar and vocabulary to demonstrate communicative competence in the Spanish language
SPAN 001B-Elementary Spanish	analyze Spanish-language texts according to their cultural literary and/or linguistic content
SPAN 001B-Elementary Spanish	use grammar and vocabulary to demonstrate communicative competence in the Spanish language
SPAN 002A-Intermediate Spanish	analyze Spanish-language texts according to their cultural literary and/or linguistic content
SPAN 002A-Intermediate Spanish	use grammar and vocabulary to demonstrate communicative competence in the Spanish language
SPAN 002B-Intermediate Spanish	analyze Spanish-language texts according to their cultural, literary and/or linguistic content
SPAN 002B-Intermediate Spanish	describe the cultural, literary and linguistic structure that exists in the Spanish-speaking world
SPAN 002B-Intermediate Spanish	write an analytical essay in Spanish
SPAN 010A-Advanced Spanish Conversation	describe the cultural, literary and linguistic structure that exists in the Spanish-speaking world
SPAN 010A-Advanced Spanish Conversation	use grammar and vocabulary to demonstrate communicative competence in the Spanish language
SPAN 010B-Advanced Spanish Conversation	describe the cultural, literary and linguistic structure that exists in the Spanish-speaking world
SPAN 010B-Advanced Spanish Conversation	discuss articles, literary passage and films at an advanced level of oral proficiency in an academic or social situation
SPAN 010B-Advanced Spanish Conversation	prepare oral presentations and reports on the topics discussed in the class
SPAN 015-Spanish Composition	analyze Spanish-language texts according to their cultural, literary and/or linguistic content
SPAN 015-Spanish Composition	demonstrate knowledge of the cultural, literary and linguistic structure that exists in the Spanish-speaking world
SPAN 015-Spanish Composition	write well-organized expository and argumentative short and medium-length essays in Spanish about critical, literary and non-literary texts
SPAN 022A-Spanish for Bilingual Speakers I	demonstrate fluency in Spanish orthography (syllabification, accentuation, accuracy in spelling, punctuation)
SPAN 022A-Spanish for Bilingual Speakers I	demonstrate reading fluency in Spanish (speed recognition, synonym recognition, phrase recognition)
SPAN 022A-Spanish for Bilingual Speakers I	write a 200-word essay in Spanish
SPAN 022B-Spanish for Bilingual Speakers II	apply knowledge of the essentials of formal Spanish grammar and orthography
SPAN 022B-Spanish for Bilingual Speakers II	create 500-word compositions based on readings that involve critical thinking
SPAN 022B-Spanish for Bilingual Speakers II	read and analyze poetry and prose (essays, short stories) written in Spanish
SPAN 030A-Beginning Conversational Spanish	have simple conversations with others in Spanish; ask and answer questions
SPAN 030A-Beginning Conversational Spanish	recognize and use basic Spanish grammar and common expressions (present tense)
SPAN 030A-Beginning Conversational Spanish	recognize the Spanish sound system
SPAN 030A-Beginning Conversational Spanish	respond appropriately to questions in Spanish
SPAN 030B-Beginning Conversational Spanish	have simple conversations with others in Spanish; ask and answer questions
SPAN 030B-Beginning Conversational Spanish	recognize and use basic Spanish grammar and common expressions (past tense, imperfect, present perfect)
SPAN 030B-Beginning Conversational Spanish	recognize the Spanish sound system
SPAN 030B-Beginning Conversational Spanish	respond appropriately to questions in Spanish
SPAN 031A-Intermediate Conversational Spanish	discuss social and cultural aspects of the Spanish-speaking world
SPAN 031A-Intermediate Conversational Spanish	have conversations with others in Spanish
SPAN 031A-Intermediate Conversational Spanish	recognize and use basic Spanish grammar and common expressions (present tense and preterite tense, the simple future)
SPAN 031B-Intermediate Conversational Spanish	discuss social and cultural aspects of the Spanish-speaking world
SPAN 031B-Intermediate Conversational Spanish	recognize and use basic Spanish grammar and common expressions (present tense, the preterit and imperfect tenses, the subjunctive in simple noun and adjectival clauses)
SPAN 031B-Intermediate Conversational Spanish	use grammar and vocabulary to demonstrate communicative competence in the Spanish language
SPAN 035A-Intermediate Conversational Spanish: Current Events	conduct research and read newspapers online
SPAN 035A-Intermediate Conversational Spanish: Current Events	prepare oral presentations and participate in small group discussions in Spanish
SPAN 035A-Intermediate Conversational Spanish: Current Events	read and examine foreign language newspapers and research current events in Spanish speaking countries
SPAN 035B-Intermediate Conversational Spanish: Film	analyze and discuss films from Spanish speaking countries
SPAN 035B-Intermediate Conversational Spanish: Film	explain personal reactions, make predictions for the future as well as hypothetical statements in response to ethical questions raised in films
SPAN 035B-Intermediate Conversational Spanish: Film	prepare oral presentations and participate in small group discussions
SPAN 038-Latin American Literature	demonstrate knowledge of the cultural, literary and linguistic structure that exists in the Spanish-speaking world
SPAN 038-Latin American Literature	interpret Spanish-language texts according to their cultural, literary and/or linguistic content
SPAN 038-Latin American Literature	use grammar and vocabulary to demonstrate communicative competence in the Spanish language
SPAN 039-Latin American Novel	describe the cultural, literary and linguistic structure that exists in the Spanish-speaking world
SPAN 039-Latin American Novel	write analytical essays in Spanish in reference to literature read, including a character study, an analysis of style, and a thematic analysis
SPAN 040-Hispanic Civilization and Culture	describe the cultural, literary and linguistic structure that exists in the Spanish-speaking world
SPAN 040-Hispanic Civilization and Culture	interpret Spanish-language texts according to their cultural, literary and/or linguistic content
SPAN 070 Spanish Medical Terminology	define the following key terms: interpret, translate, source language, target language, ad-hoc interpreter, and register
SPAN 070 Spanish Medical Terminology	demonstrate medical interpreting skills
SPAN 070 Spanish Medical Terminology	describe the standard health care interpreting protocols and techniques
SPAN 070 Spanish Medical Terminology	identify key medical terms and human anatomy required for health care interpreting
SPAN 070 Spanish Medical Terminology	identify usage of standard Spanish words as well as regional words used in different areas of the Spanish speaking world as part of the Hispanic/Latino mosaic culture
SPAN 071 Spanish Medical Interpreting I	demonstrate appropriate medical interpreting skills in the pre-encounter, pre-session, or pre-interview; during the encounter, session, or interview; and in the post-encounter, post-session or post-interview
SPAN 071 Spanish Medical Interpreting I	examine and describe the expertise of each member of the Three-Way Partnership model of interpreting and identify the primary relationship
SPAN 071 Spanish Medical Interpreting I	identify and present the California Standards for Health care Interpreters
SPAN 071 Spanish Medical Interpreting I	identify and present the standard health care interpreting protocols and techniques
SPAN 072 Spanish Medical Interpreting II	demonstrate the recommended positioning for interpreters to enhance patient-provider communication
SPAN 072 Spanish Medical Interpreting II	describe and apply the four modes of interpreting and evaluate the advantages and disadvantages of each mode

Courses	Outcome Description
SPAN 072 Spanish Medical Interpreting II	describe the three unique relationships in an interpreting encounter and the expertise of each party; Relationship 1 Patient-Provider Relationship 2: Provider-Interpreter Relationship 3:Interpreter-Patient Institutional Outcomes
SPAN 072 Spanish Medical Interpreting II	write a rough script for a pre-session introduction in English and Spanish
SPAN 101-Basic Spanish for the Education Profession	demonstrate basic comprehension and production of elementary Spanish language, including basic pronunciation, asking and answering questions, and proper use of basic grammar
SPAN 101-Basic Spanish for the Education Profession	demonstrate basic knowledge about issues that are relevant to the Hispanic community in the areas of the Hispanic world presented in the course
WS 001-Introduction to Women's Studies	analyze some key current issues confronting girls and women in different cultures, communities, and economic groups
WS 001-Introduction to Women's Studies	critique manifestations of patriarchy and sexism (and their intersections with other forms of inequality) in various areas of social life and interpersonal relations
WS 001-Introduction to Women's Studies	explain and evaluate diverse strategies for women's empowerment, including those pursued by the contemporary U.S. and global women's movements
WS 035-Feminist Philosophy	Analyze and interpret feminist theories including liberal feminism, radical feminism, feminist aesthetics, materialist feminism, postmodern feminism, and global feminism within historical, cultural, and political terms, in relation to one another and to other branches of philosophy.
WS 035-Feminist Philosophy	Apply one or more feminist theories to real cultural or political events and/or texts.
WS 052-Women and Cinema	Analyze the history and work of classical and contemporary women filmmakers.
WS 052-Women and Cinema	Analyze the roles gender and sexuality have in audience as well as in cinematic representation.
WS 052-Women and Cinema	Apply the basic theories of feminist and queer film criticism.