**Associate in Science – (A10400)**

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| **ENG-111** | **Writing and Inquiry** | **ENG-111** |

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| This course is designed to develop the ability to produce clear writing in a variety of genres and formats using a recursive process. Emphasis includes inquiry, analysis, effective use of rhetorical strategies, thesis development, audience awareness, and revision. Upon completion, students should be able to produce unified, coherent, well-developed essays using standard written English. |

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| Competencies |
| Student Learning Outcomes 1. Demonstrate writing as a recursive process. 2. Demonstrate writing and inquiry in context using different rhetorical strategies to reflect, analyze, explain, and persuade in a variety of genres and formats. 3. Students will reflect upon and explain their writing strategies. 4. Demonstrate the critical use and examination of printed, digital, and visual materials. 5. Locate, evaluate, and incorporate relevant sources with proper documentation. 6. Compose texts incorporating rhetorically effective and conventional use of language. 7. Collaborate actively in a writing community. |

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| State Prerequisites | Take One Set: Set 1: DRE-097 Set 2: ENG-002 Set 3: BSP-4002 |

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| State Corequisites | Take ENG-011 |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in English Composition. This course has been approved for transfer under the ICAA as a general education course in English Composition. |

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| **ENG-112** | **Writing/Research in the Disc** | **ENG-112** |

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| This course, the second in a series of two, introduces research techniques, documentation styles, and writing strategies. Emphasis is placed on analyzing information and ideas and incorporating research findings into documented writing and research projects. Upon completion, students should be able to evaluate and synthesize information from primary and secondary sources using documentation appropriate to various disciplines. |

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| State Prerequisites | Take ENG-111 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in English Composition. This course has been approved for transfer under the ICAA as a general education course in English Composition. |

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| **COM-231** | **Public Speaking** | **COM-231** |

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| This course provides instruction and experience in preparation and delivery of speeches within a public setting and group discussion. Emphasis is placed on research, preparation, delivery, and evaluation of informative, persuasive, and special occasion public speaking. Upon completion, students should be able to prepare and deliver well-organized speeches and participate in group discussion with appropriate audiovisual support. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Communication. This course has been approved for transfer under the ICAA as a general education course in Communication. | | |
| **ART-111** | | **Art Appreciation** | **ART-111** |

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| This course introduces the origins and historical development of art. Emphasis is placed on the relationship of design principles to various art forms including but not limited to sculpture, painting, and architecture. Upon completion, students should be able to identify and analyze a variety of artistic styles, periods, and media. |

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| State Prerequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. | | |
| **ART-114** | | **Art History Survey I** | **ART-114** |

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| This course covers the development of art forms from ancient times to the Renaissance. Emphasis is placed on content, terminology, design, and style. Upon completion, students should be able to demonstrate an historical understanding of art as a product reflective of human social development. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. | | |
| **ART-115** | | **Art History Survey II** | **ART-115** |

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| This course covers the development of art forms from the Renaissance to the present. Emphasis is placed on content, terminology, design, and style. Upon completion, students should be able to demonstrate an historical understanding of art as a product reflective of human social development. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. | | |
| **ENG-231** | | **American Literature I** | **ENG-231** |

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| This course covers selected works in American literature from its beginnings to 1865. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to analyze and interpret literary works in their historical and cultural contexts. |

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| Competencies |
| Student Learning Outcomes 1. Describe, analyze, interpret and evaluate features of literary texts in several genres, applying appropriate literary and cultural terms. 2. Critically analyze and interpret American literature from its beginnings to 1865 within historical and cultural contexts. 3. Write critical essays about American literature that integrate primary and secondary sources using MLA documentation and standard academic written conventions. |

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| State Prerequisites | Take One: ENG-112, ENG 113, or ENG 114 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. | | |
| **ENG-232** | | **American Literature II** | **ENG-232** |

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| This course covers selected works in American literature from 1865 to the present. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to analyze and interpret literary works in their historical and cultural contexts. |

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| Competencies |
| 1. Describe, analyze, interpret, and evaluate features of literary texts in several genres, applying appropriate literary and cultural terms. 2. Critically analyze and interpret American literature from 1865 to the present within historical and cultural contexts. 3. Write critical essays about American literature that integrate primary and secondary sources using MLA documentation and standard academic written conventions. |

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| State Prerequisites | Take One: ENG-112, ENG-113, or ENG-114 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. | | |
| **ENG-241** | | **British Literature I** | **ENG-241** |

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| This course covers selected works in British literature from its beginnings to the Romantic Period. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to literary works in their historical and cultural contexts. |

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| State Prerequisites | Take ENG-112, ENG-113, or ENG-114 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. | | |
| **ENG-242** | | **British Literature II** | **ENG-242** |

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| This course covers selected works in British literature from the Romantic Period to the present. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to interpret, analyze, and respond to literary works in their historical and cultural contexts. |

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| State Prerequisites | Take One: ENG-112, ENG-113, or ENG-114 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. |

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| **MUS-110** | **Music Appreciation** | **MUS-110** |

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| This course is a basic survey of the music of the Western world. Emphasis is placed on the elements of music, terminology, composers, form, and style within a historical perspective. Upon completion, students should be able to demonstrate skills in basic listening and understanding of the art of music. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. |

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| **MUS-112** | **Introduction to Jazz** | **MUS-112** |

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| This course introduces the origins and musical components of jazz and the contributions of its major artists. Emphasis is placed on the development of discriminating listening habits, as well as the investigation of the styles and structural forms of the jazz idiom. Upon completion, students should be able to demonstrate skills in listening and understanding this form of American music. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. |

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| **PHI-240** | **Introduction to Ethics** | **PHI-240** |

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| This course introduces theories about the nature and foundations of moral judgments and applications to contemporary moral issues. Emphasis is placed on moral theories such as consequentialism, deontology, and virtue ethics. Upon completion, students should be able to apply various ethical theories to moral issues such as abortion, capital punishment, poverty, war, terrorism, the treatment of animals, and issues arising from new technologies. |

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| Competencies |
| 1. Engage in critical thinking about moral issues. 2. Identify, reconstruct and evaluate ethical arguments. 3. Analyze key ethical concepts. 4. Demonstrate understanding of major views in moral philosophy and how they relate to contemporary ethical and social issues. |

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| State Prerequisites | Take ENG-111 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. |

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| **ECO-251** | **Prin of Microeconomics** | **ECO-251** |

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| This course introduces economic analysis of individual, business, and industry in the market economy. Topics include the price mechanism, supply and demand, optimizing economic behavior, costs and revenue, market structures, factor markets, income distribution, market failure, and government intervention. Upon completion, students should be able to identify and evaluate consumer and business alternatives in order to efficiently achieve economic objectives. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. |

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| **ECO-252** | **Prin of Macroeconomics** | **ECO-252** |

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| This course introduces economic analysis of aggregate employment, income, and prices. Topics include major schools of economic thought; aggregate supply and demand; economic measures, fluctuations, and growth; money and banking; stabilization techniques; and international trade. Upon completion, students should be able to evaluate national economic components, conditions, and alternatives for achieving socioeconomic goals. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. |

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| **HIS-111** | **World Civilizations I** | **HIS-111** |

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| This course introduces world history from the dawn of civilization to the early modern era. Topics include Eurasian, African, American, and Greco-Roman civilizations and Christian, Islamic and Byzantine cultures. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in pre-modern world civilizations. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. | | |
| **HIS-112** | | **World Civilizations II** | **HIS-112** |

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| This course introduces world history from the early modern era to the present. Topics include the cultures of Africa, Europe, India, China, Japan, and the Americas. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in modern world civilizations. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. | | |
| **HIS-131** | | **American History I** | **HIS-131** |

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| This course is a survey of American history from pre-history through the Civil War era. Topics include the migrations to the Americas, the colonial and revolutionary periods, the development of the Republic, and the Civil War. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in early American history. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. |

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| **HIS-132** | **American History II** | **HIS-132** |

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| This course is a survey of American history from the Civil War era to the present. Topics include industrialization, immigration, the Great Depression, the major American wars, the Cold War, and social conflict. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in American history since the Civil War. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. |

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| **PSY-150** | **General Psychology** | **PSY-150** |

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| This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. | | |
| **SOC-210** | | **Introduction to Sociology** | **SOC-210** |

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| This course introduces the scientific study of human society, culture, and social interactions. Topics include socialization, research methods, diversity and inequality, cooperation and conflict, social change, social institutions, and organizations. Upon completion, students should be able to demonstrate knowledge of sociological concepts as they apply to the interplay among individuals, groups, and societies. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences |

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| **BIO-111** | **General Biology I** | **BIO-111** |

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| This course introduces the principles and concepts of biology. Emphasis is placed on basic biological chemistry, molecular and cellular biology, metabolism and energy transformation, genetics, evolution, and other related topics. Upon completion, students should be able to demonstrate understanding of life at the molecular and cellular levels. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Natural Science. This course has been approved for transfer under the ICAA as a general education course in Natural Science. |

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| **BIO-112** | **General Biology II** | **BIO-112** |

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| This course is a continuation of BIO 111. Emphasis is placed on organisms, evolution, biodiversity, plant and animal systems, ecology, and other related topics. Upon completion, students should be able to demonstrate comprehension of life at the organismal and ecological levels. |

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| State Prerequisites | Take BIO-111 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Natural Science. This course has been approved for transfer under the ICAA as a general education course in Natural Science. |

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| **CHM-151** | **General Chemistry I** | **CHM-151** |

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| This course covers fundamental principles and laws of chemistry. Topics include measurement, atomic and molecular structure, periodicity, chemical reactions, chemical bonding, stoichiometry, thermochemistry, gas laws, and solutions. Upon completion, students should be able to demonstrate an understanding of fundamental chemical laws and concepts as needed in CHM 152. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Natural Science. This course has been approved for transfer under the ICAA as a general education course in Natural Science. | | |
| **CHM-152** | | **General Chemistry II** | **CHM-152** |

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| This course provides a continuation of the study of the fundamental principles and laws of chemistry. Topics include kinetics, equilibrium, ionic and redox equations, acid-base theory, electrochemistry, thermodynamics, introduction to nuclear and organic chemistry, and complex ions. Upon completion, students should be able to demonstrate an understanding of chemical concepts as needed to pursue further study in chemistry and related professional fields. |

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| State Prerequisites | Take CHM-151 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Natural Science. This course has been approved for transfer under the ICAA as a general education course in Natural Science. |

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| |  |  |  | | --- | --- | --- | | **MAT-171** | **Precalculus Algebra** | **MAT-171** |  |  | | --- | | This course is designed to develop topics which are fundamental to the study of Calculus. Emphasis is placed on solving equations and inequalities, solving systems of equations and inequalities, and analysis of functions (absolute value, radical, polynomial, rational, exponential, and logarithmic) in multiple representations. Upon completion, students should be able to select and use appropriate models and techniques for finding solutions to algebra-related problems with and without technology. |  |  | | --- | |  |  |  | | --- | | Competencies | | ·Student Learning Outcomes 1. Use analytical, graphical, and numerical representations to solve absolute value, radical, polynomial, rational, exponential, and logarithmic equations with both real and complex solutions. 2. Use analytical, graphical, and numerical representations to solve absolute value, polynomial and rational inequalities with real solutions. 3. Use analytical, graphical, and numerical representations to analyze absolute value, radical, polynomial, rational, exponential and logarithmic functions with both real and complex zeros. 4. Use multiple methods to solve problems involving systems of equations and apply to decomposing partial fractions. 5. Construct the composition and inverse of functions. 6. Use polynomial, exponential and logarithmic functions to model various real world situations in order to analyze, draw conclusions, and make predictions. |  |  | | --- | |  |  |  |  | | --- | --- | | State Prerequisites | Take One Set: Set 1: DMA-010, DMA-020, DMA-030, DMA-040, DMA-050 Set 2: DMA-010, DMA-020, DMA-030, DMA-045 Set 3: DMA-025, DMA-045 Set 4: DMA-025, DMA-040, DMA-050 Set 5: MAT 121 Set 6: MAT-003 Set 7: BSP-4003 |  |  |  | | --- | --- | | State Corequisites | Take MAT-071 |  |  |  | | --- | --- | | College Transfer | This course has been approved for transfer under the CAA as a general education course in Mathematics. This course has been approved for transfer under the ICAA as a general education course in Mathematics. | |

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| **MAT-172** | **Precalculus Trigonometry** | **MAT-172** |

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| This course is designed to develop an understanding of topics which are fundamental to the study of Calculus. Emphasis is placed on the analysis of trigonometric functions in multiple representations, right and oblique triangles, vectors, polar coordinates, conic sections, and parametric equations. Upon completion, students should be able to select and use appropriate models and techniques for finding solutions to trigonometry-related problems with and without technology. |

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| Competencies |
| ·Student Learning Outcomes 1. Use the unit circle and right triangle definitions to evaluate and graph trigonometric functions and their inverses, to derive trigonometric identities, and to simplify trigonometric expressions. 2. Use multiple methods to solve problems involving trigonometric equations, right triangles, and oblique triangles. 3. Demonstrate knowledge of vector definitions and perform vector operations. 4. Convert equations and graphs between rectangular and polar coordinate systems, and apply to complex numbers. 5. Use multiple representations to define, construct and analyze conic sections. 6. Create, graph, and analyze parametric equations. |

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| State Prerequisites | Take MAT-171 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Mathematics. This course has been approved for transfer under the ICAA as a general education course in Mathematics. |

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| **ACA-122** | **College Transfer Success** | **ACA-122** |

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| This course provides information and strategies necessary to develop clear academic and professional goals beyond the community college experience. Topics include the CAA, college policies and culture, career exploration, gathering information on senior institutions, strategic planning, critical thinking, and communications skills for a successful academic transition. Upon completion, students should be able to develop an academic plan to transition successfully to senior institutions. |

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| Competencies |
| 1. Develop a strategic plan for completing community college academic goals, including certificates, diplomas, and/or associate degrees. 2. Develop a strategic plan for transferring to a university and preparing for a new career. 3. Identify the rights and responsibilities of transfer students under the Comprehensive Articulation Agreement (CAA), including Universal General Education Transfer Component (UGETC) designated courses, the Transfer Assured Admissions Policy (TAAP), the CAA appeals process, and university tuition surcharge. 4. Evaluate learning strategies, including note-taking, test-taking, information processing, time management, and memorization techniques, and identify strategies for improvement. 5. Identify essential college resources, including financial aid, advising, registration, tutoring, library services, computer labs, and counseling services and recognize the importance of these resources on student success. 6. Identify essential college policies and procedures, including academic integrity such as avoiding plagiarism; calculating a GPA, and maintaining satisfactory academic progress for financial aid eligibility and/or good academic standing. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a premajor and/or elective course requirement. This course has been approved for transfer under the ICAA as a premajor and/or elective course requirement. | | |
| **CHM-131** | | **Introduction to Chemistry** | **CHM-131** |

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| This course introduces the fundamental concepts of inorganic chemistry. Topics include measurement, matter and energy, atomic and molecular structure, nuclear chemistry, stoichiometry, chemical formulas and reactions, chemical bonding, gas laws, solutions, and acids and bases. Upon completion, students should be able to demonstrate a basic understanding of chemistry as it applies to other fields. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Natural Science. This course has been approved for transfer under the ICAA as a general education course in Natural Science. |

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| **CHM-132** | **Organic and Biochemistry** | **CHM-132** |

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| This course provides a survey of major functional classes of compounds in organic and biochemistry. Topics include structure, properties, and reactions of the major organic and biological molecules and basic principles of metabolism. Upon completion, students should be able to demonstrate an understanding of fundamental chemical concepts needed to pursue studies in related professional fields. |

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| State Prerequisites | Take one set: Set 1: CHM-131 and CHM-131A Set 2: CHM-151 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Natural Science. This course has been approved for transfer under the ICAA as a general education course in Natural Science. | | |
| **CIS-110** | | **Introduction to Computers** | **CIS-110** |

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| This course introduces computer concepts, including fundamental functions and operations of the computer. Topics include identification of hardware components, basic computer operations, security issues, and use of software applications. Upon completion, students should be able to demonstrate an understanding of the role and function of computers and use the computer to solve problems. |

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| Competencies |
| 1. Identify the basic elements required in a computer system. 2. Produce electronic documents using various software applications. 3. Illustrate the role of the computer for personal and professional uses. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Mathematics (Quantitative). This course has been approved for transfer under the ICAA as a general education course in Mathematics (Quantitative). | | |
| **CIS-115** | | **Intro to Prog & Logic** | **CIS-115** |

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| This course introduces computer programming and problem solving in a structured program logic environment. Topics include language syntax, data types, program organization, problem solving methods, algorithm design, and logic control structures. Upon completion, students should be able to use top-down algorithm design and implement algorithmic solutions in a programming language. |

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| Competencies |
| 1. Apply control structures 2. Apply top-down algorithmic design. 3. Implement algorithmic solutions in a programming language. |

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| State Prerequisites | Take One Set: Set 1: DMA-010, DMA-020, DMA-030, and DMA-040 Set 2: DMA-025 and DMA-040 Set 3: MAT-121 Set 4: MAT-171 Set 5: MAT-003 Set 6: BSP-4003 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Mathematics (Quantitative). This course has been approved for transfer under the ICAA as a general education course in Mathematics (Quantitative). | | |
| **ENG-114** | | **Prof Research & Reporting** | **ENG-114** |

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| This course, the second in a series of two, is designed to teach professional communication skills. Emphasis is placed on research, listening, critical reading and thinking, analysis, interpretation, and design used in oral and written presentations. Upon completion, students should be able to work individually and collaboratively to produce well-designed business and professional written and oral presentations. |

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| State Prerequisites | Take ENG-111 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in English Composition. This course has been approved for transfer under the ICAA as a general education course in English Composition. | | |
| **ENG-232** | | **American Literature II** | **ENG-232** |

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| This course covers selected works in American literature from 1865 to the present. Emphasis is placed on historical background, cultural context, and literary analysis of selected prose, poetry, and drama. Upon completion, students should be able to analyze and interpret literary works in their historical and cultural contexts. |

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| Competencies |
| 1. Describe, analyze, interpret, and evaluate features of literary texts in several genres, applying appropriate literary and cultural terms. 2. Critically analyze and interpret American literature from 1865 to the present within historical and cultural contexts. 3. Write critical essays about American literature that integrate primary and secondary sources using MLA documentation and standard academic written conventions. |

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| State Prerequisites | Take One: ENG-112, ENG-113, or ENG-114 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. |

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| |  |  |  | | --- | --- | --- | | **HIS-121** | **Western Civilization I** | **HIS-121** |  |  | | --- | | This course introduces western civilization from pre-history to the early modern era. Topics include ancient Greece, Rome, and Christian institutions of the Middle Ages and the emergence of national monarchies in western Europe. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in early western civilization. |  |  | | --- | |  |  |  | | --- | |  |  |  |  | | --- | --- | | State Prerequisites | None |  |  |  | | --- | --- | | State Corequisites | None |  |  |  | | --- | --- | | College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. | |

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| **HIS-122** | | **Western Civilization II** | **HIS-122** |

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| This course introduces western civilization from the early modern era to the present. Topics include the religious wars, the Industrial Revolution, World Wars I and II, and the Cold War. Upon completion, students should be able to analyze significant political, socioeconomic, and cultural developments in modern western civilization. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. | | |
| **HUM-115** | | **Critical Thinking** | **HUM-115** |

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| This course introduces the use of critical thinking skills in the context of human conflict. Emphasis is placed on evaluating information, problem solving, approaching cross-cultural perspectives, and resolving controversies and dilemmas. Upon completion, students should be able to demonstrate orally and in writing the use of critical thinking skills in the analysis of appropriate texts. |

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| State Prerequisites | Take One: DRE-098, ENG 002, BSP-4002 or ENG 111 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. | | |
| **HUM-120** | | **Cultural Studies** | **HUM-120** |

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| This course introduces the distinctive features of a particular culture. Topics include art, history, music, literature, politics, philosophy, and religion. Upon completion, students should be able to appreciate the unique character of the study culture. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. | | |
| **MAT-263** | | **Brief Calculus** | **MAT-263** |

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| This course is designed to introduce concepts of differentiation and integration and their applications to solving problems. Topics include graphing, differentiation, and integration with emphasis on applications drawn from business, economics, and biological and behavioral sciences. Upon completion, students should be able to demonstrate an understanding of the use of basic calculus and technology to solve problems and to analyze and communicate results. |

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| Competencies |
| ·Student Learning Outcomes 1. Calculate limits and verify using graphical, numerical and analytical methods. 2. Interpret the derivative as a rate of change. 3. Analyze and interpret the derivative of algebraic, exponential, and logarithmic functions. 4. Evaluate antiderivatives and definite integrals of algebraic, exponential, and logarithmic functions. 5. Apply derivatives and integrals to business, economics, and biological and behavioral sciences contexts. 6. Use appropriate technology and communicate results through a variety of media. |

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| State Prerequisites | Take MAT-171 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Mathematics. This course has been approved for transfer under the ICAA as a general education course in Mathematics. | | |
| **PSY-241** | | **Developmental Psych** | **PSY-241** |

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| This course is a study of human growth and development. Emphasis is placed on major theories and perspectives as they relate to the physical, cognitive, and psychosocial aspects of development from conception to death. Upon completion, students should be able to demonstrate knowledge of development across the life span. |

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| State Prerequisites | Take PSY-150 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. | | |
| **PSY-281** | | **Abnormal Psychology** | **PSY-281** |

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| This course provides an examination of the various psychological disorders, as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Emphasis is placed on terminology, classification, etiology, assessment, and treatment of the major disorders. Upon completion, students should be able to distinguish between normal and abnormal behavior patterns as well as demonstrate knowledge of etiology, symptoms, and therapeutic techniques. |

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| State Prerequisites | Take PSY-150 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. |

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| |  |  |  | | --- | --- | --- | | **REL-212** | **Intro to New Testament** | **REL-212** |  |  | | --- | | This course is a survey of the literature of first-century Christianity with readings from the gospels, Acts, and the Pauline and pastoral letters. Topics include the literary structure, audience, and religious perspective of the writings, as well as the historical and cultural context of the early Christian community. Upon completion, students should be able to use the tools of critical analysis to read and understand New Testament literature. |  |  | | --- | |  |  |  | | --- | |  |  |  |  | | --- | --- | | State Prerequisites | None |  |  |  | | --- | --- | | State Corequisites | None |  |  |  | | --- | --- | | College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. | |  |

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| |  |  |  | | --- | --- | --- | | **SOC-213** | **Sociology of the Family** | **SOC-213** |  |  | | --- | | This course covers the institution of the family and other intimate relationships. Emphasis is placed on mate selection, gender roles, sexuality, communication, power and conflict, parenthood, diverse lifestyles, divorce and remarriage, and economic issues. Upon completion, students should be able to analyze the family as a social institution and the social forces which influence its development and change. |  |  | | --- | |  |  |  | | --- | |  |  |  |  | | --- | --- | | State Prerequisites | None |  |  |  | | --- | --- | | State Corequisites | None |  |  |  | | --- | --- | | College Transfer | This course has been approved for transfer under the CAA as a general education course in Social/Behavioral Sciences. This course has been approved for transfer under the ICAA as a general education course in Social/Behavioral Sciences. | | | |
| **SPA-111** | **Elementary Spanish I** | **SPA-111** |

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| This course introduces the fundamental elements of the Spanish language within a cultural context. Emphasis is placed on the development of basic listening, speaking, reading, and writing skills. Upon completion, students should be able to comprehend and respond with grammatical accuracy to spoken and written Spanish and demonstrate cultural awareness. |

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| State Prerequisites | None |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. | | |
| **SPA-112** | | **Elementary Spanish II** | **SPA-112** |

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| This course is a continuation of SPA 111 focusing on the fundamental elements of the Spanish language within a cultural context. Emphasis is placed on the progressive development of listening, speaking, reading, and writing skills. Upon completion, students should be able to comprehend and respond with increasing proficiency to spoken and written Spanish and demonstrate further cultural awareness. |

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| State Prerequisites | Take SPA-111 |

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| State Corequisites | None |

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| College Transfer | This course has been approved for transfer under the CAA as a general education course in Humanities/Fine Arts. This course has been approved for transfer under the ICAA as a general education course in Humanities/Fine Arts. |