**Associate in Arts – (A10100**)

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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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| 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-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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| **MAT-143** | **Quantitative Literacy** | **MAT-143** |

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| This course is designed to engage students in complex and realistic situations involving the mathematical phenomena of quantity, change and relationship, and uncertainty through project- and activity-based assessment. Emphasis is placed on authentic contexts which will introduce the concepts of numeracy, proportional reasoning, dimensional analysis, rates of growth, personal finance, consumer statistics, practical probabilities, and mathematics for citizenship. Upon completion, students should be able to utilize quantitative information as consumers and to make personal, professional, and civic decisions by decoding, interpreting, using, and communicating quantitative information found in modern media and encountered in everyday life. |

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| Competencies |
| ·Student Learning Outcomes 1. Judge the reasonableness of results using estimation, logical processes, and a proper understanding of quantity 2. Utilize proportional reasoning to solve contextual problems and make conversions involving various units of measurement 3. Identify, interpret, and compare linear and exponential rates of growth to make predictions and informed decisions based on data and graphs 4. Differentiate between simple and compound interest and analyze the long-term effects of saving, investing, and borrowing 5. Describe, analyze, and interpret statistical information such as graphs, tables, and summarized data to draw appropriate conclusions when presented with actual statistical studies 6. Determine probabilities and expected values and use them to assess risk and make informed decisions 7. Analyze civic and/or societal issues and critique decisions using relevant mathematics |

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| State Prerequisites | Take One Set: Set 1: DMA-010, DMA-020, DMA-030, and DRE-098 Set 2: DMA-010, DMA-020, DMA-030, and ENG-002 Set 3: DMA-010, DMA-020, DMA-030, and BSP-4002 Set 4: DMA-025, and DRE-098 Set 5: DMA-025, and ENG-002 Set 6: DMA-025, and BSP-4002 Set 7: MAT-003 and DRE-098 Set 8: MAT-003 and ENG-002 Set 9: MAT-003 and BSP-4002 Set 10: BSP-4003 and DRE-098 Set 11: BSP-4003 and ENG-002 Set 12: BSP-4003 and BSP-4002 |

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| State Corequisites | Take MAT-043 |

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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). |

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| **MAT-152** | **Statistical Methods I** | **MAT-152** |

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| This course provides a project-based approach to introductory statistics with an emphasis on using real-world data and statistical literacy. Topics include descriptive statistics, correlation and regression, basic probability, discrete and continuous probability distributions, confidence intervals and hypothesis testing. Upon completion, students should be able to use appropriate technology to describe important characteristics of a data set, draw inferences about a population from sample data, and interpret and communicate results. |

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| Competencies |
| ·Student Learning Outcomes 1. Organize, display, calculate, and interpret descriptive statistics 2. Apply basic rules of probability 3. Identify and apply appropriate probability distributions 4. Perform regression analysis 5. Analyze sample data to draw inferences about a population parameter 6. Communicate results through a variety of media |

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| State Prerequisites | Take One Set: Set 1: DMA-010, DMA-020, DMA-030, and DRE-098 Set 2: DMA-010, DMA-020, DMA-030, and ENG-002 Set 3: DMA-010, DMA-020, DMA-030, and BSP-4002 Set 4: DMA-025, and DRE-098 Set 5: DMA-025, and ENG-002 Set 6: DMA-025, and BSP-4002 Set 7: MAT-003 and DRE-098 Set 8: MAT-003 and ENG-002 Set 9: MAT-003 and BSP-4002 Set 10: BSP-4003 and DRE-098 Set 11: BSP-4003 and ENG-002 Set 12: BSP-4003 and BSP-4002 |

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| State Corequisites | Take MAT-052 |

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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). |

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| **MAT-171** | **Precalculus Algebra** | **MAT-171** |

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| 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. |

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| 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. |

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| 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 |

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| State Corequisites | Take MAT-071 |

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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 Mathemat |

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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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| **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. | | |
| **PHY-110** | | **Conceptual Physics** | **PHY-110** |

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| This course provides a conceptually-based exposure to the fundamental principles and processes of the physical world. Topics include basic concepts of motion, forces, energy, heat, electricity, magnetism, and the structure of matter and the universe. Upon completion, students should be able to describe examples and applications of the principles studied. |

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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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| **PHY-110A** | **Conceptual Physics Lab** | **PHY-110A** |

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| This course is a laboratory for PHY 110. Emphasis is placed on laboratory experiences that enhance materials presented in PHY 110. Upon completion, students should be able to apply the laboratory experiences to the concepts presented in PHY 110. |

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| State Prerequisites | None |

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| State Corequisites | Take PHY-110 |

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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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| **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. |