



# FLORIDA COLLEGE

## DUAL ENROLLMENT PROGRAM

### Course Descriptions

Spring 2025

#### ARH 1051: ART HISTORY II

- Introduces students to the visual art periods from the early Renaissance to the present. It is a survey of painting, sculpture, architecture, and related art forms created by western cultures and artists. This course provides a chronological survey of the major movements of art from the 14th century until today. No prerequisites required. Students will also write a 3,000-word Gordon Rule essay as required by the state of Florida.
- College Credit: 3 credit hours

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#### ENC 1101: FRESHMAN COMPOSITION SKILLS I

- **Prerequisite:** Minimum score of 17 on the English and 18 on the Reading areas of the ACT, or 450 on SAT Verbal, or grade of "C" or above in ENC 0020
- Expository writing emphasizing paragraph and essay development, and introduction to research. Students will also write a 6,000-word Gordon Rule essay as required by the state of Florida.
- College Credit: 3 credit hours

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#### ENC 1102: FRESHMAN COMPOSITION SKILLS II

- **Prerequisite:** Grade of "C" or above in ENC 1101
- This course is a continuation of ENC 1101, including a major research paper and analytical and persuasive writing of one or more of the following types: analytical essays, critical reviews of nonfiction and/or fiction, persuasive essays, and summaries or paraphrases. Students will also write a 6,000-word Gordon Rule essay as required by the state of Florida.
- College Credit: 3 credit hours

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#### AMH 2020 – American History: 1865–Present

- This course considers America from Reconstruction through the Progressive era, WW I through WWII, and the Cold War period through contemporary times. Social, economic, and political currents are followed to the present. Additional emphasis is placed on America's path to becoming a global superpower.
- College Credit: 3 credit hours

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#### MAC 1105: COLLEGE ALGEBRA

- **Prerequisites:** Two years of high school algebra and MAT 1033 or a satisfactory score on the mathematics portion of the ACT/SAT/CLT.
- This course provides students an opportunity to gain algebraic knowledge needed in engineering, business, education, science, computer technology, and mathematics. Students will study linear, quadratic, rational, exponential, logarithmic, inverse, composite, radical, and absolute value functions; systems of equations and inequalities modeling applied problems; and curve fitting techniques. There will be extensive use of graphing calculators.
- College Credit: 3 credit hours

### STA 2023: STATISTICS

- **Prerequisite:** MAC 1105 or a satisfactory score on the mathematics portion of the ACT/SAT/CLT.
  - This course will cover basic probability principles, and discrete and continuous probability distributions including binomial, normal, t, and chi-square. The curriculum will also include point estimation, confidence limits, and hypothesis testing. Emphasis will be placed on applications from education, life science, social science, physical science, and business.
  - College Credit: 3 credit hours
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### MAT 1033: INTERMEDIATE ALGEBRA

- A course designed for students needing algebra, but who do not have the prerequisites for MAC 1105. Credit is given as an elective credit only; it does not apply toward satisfying the six hours of mathematics required for graduation. Students will study linear equations, functions, and graphs, factoring and applications, rational expressions and applications, radicals, root functions, complex numbers, quadratic equations and inequalities, and systems of linear equations.
  - Course format differs from our typical dual enrollment courses. This online course includes recordings of an in-person class.
  - College Credit: 3 credit hours (elective)
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### PSC 1121C: CONCEPTUAL PHYSICAL SCIENCE

- **Prerequisite:** Two years of high school algebra
  - This general science course is designed to introduce the basic principles from each of the five major areas of the physical sciences: Physics, Chemistry, Meteorology, Geology, and Astronomy. This course will investigate motion, energy, heat, electricity, magnetism, the nucleus of the atom, the periodic table, chemical reactions, the atmosphere and hydrosphere, the rock cycle, the solar system and the galaxies. The emphasis will be on the scientific method and its application to real world problems.
  - College Credit: 3 credit hours
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### SPN 1120: ELEMENTARY SPANISH I

- SPN 1120 is open to students who have had no previous work in Spanish or who are recommended for this class based on the placement examination. Study includes pronunciation, elementary conversation, reading, and composition. The reading selections provide information about the Spanish-speaking people and their culture.
  - College Credit: 4 credit hours
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### SPN 1121: ELEMENTARY SPANISH II

- SPN 1121 is a continuation of the first semester course, SPN 1120.
- College Credit: 4 credit hours