

ECORE COURSE DESCRIPTIONS

eCore Course Descriptions

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ARTS 1100 Art Appreciation (3-0-3)

ARTS 1100 Art Appreciation is a 3 semester-credit-hour course focused on fostering an awareness, understanding, and appreciation for the visual arts. Through exposure to cross-cultural art images throughout history, students will build a global artistic vocabulary that allows for the constructive analysis of art objects. Students will also gain an understanding of the influence of art on other important aspects of culture including politics, history, religion, and science.

BIOL 1011K Introduction to Biology (3-1-4)

An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components.

BIOL 1012K Introductory BIOL II and Lab (3-1-4)

This course covers the evolution and diversity of organisms, including microbes, protists, fungi, plants, and animals. Additional topics include body systems, the immune system, reproduction and development, and ecology. For non-biology majors only.

CHEM 1211K Principles of Chemistry I and Lab (3-1-4)

Prerequisites: High school chemistry course with laboratory or introductory college chemistry course with laboratory. College algebra. Pre-calculus as a prerequisite or co-requisite is highly recommended.

First course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. Laboratory exercises supplement the lecture material.

CHEM 1212K Principles of Chemistry II and Lab (3-1-4)

Prerequisites: CHEM 1211K Principles of Chemistry I and Lab. Precalculus as a prerequisite or co-requisite is highly recommended. Second course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Laboratory exercises supplement the lecture material.

COMM 1100 Human Communication (3-0-3)

This course is a broad approach to oral communication skills including intrapersonal, interpersonal, small group, and public speaking. Students in this course will be expected to participate in discussions on a frequent basis, take 12 short online quizzes, complete a variety of unit assignments and take a proctored final exam.

CSCI 1301 Computer Science I (4-0-4)

An introduction to computer science with coverage of algorithmic foundations, hardware concepts, and introductory programming in Java. Specific topics include data storage, data manipulation, and data abstractions. Programming concepts covered are algorithm design,

primitive data types, and expressions, loops, modular programming, conditional execution, program logic, and arrays.

ECON 2105 Principles of Macroeconomics (3-0-3)

ECON 2105 Principles of Macroeconomics is the study of how the economy, as a whole, functions. The course is intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies.

ENGL 1101 English Composition I (3-0-3)

Prerequisites: All ESL students must have exited from all ESL courses. All remedial students must have completed all reading and writing required remediation. Composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis and argumentation, and also including introductory use of a variety of research skills.

ENGL 1102 English Composition II (3-0-3)

Prerequisites: C or better in ENGL 1101 English Composition I. Completed ENGL 1101 English Composition I within the past five years. Passed the home institution's computer literacy requirements.

A composition course that develops writing skills beyond the levels of proficiency required by ENGL 1101 English Composition I that emphasizes interpretation and evaluation, and that incorporates a variety of more advanced research methods.

ENGL 2111 World Literature I (3-0-3)

Prerequisites: ENGL 1102 English Composition II. A survey of important works of world literature from ancient times through the mid-seventeenth century.

ENGL 2112 World Literature II (3-0-3)

Prerequisites: ENGL 1102 English Composition II. World Literature II is a survey of important works of world literature from the mid-seventeenth century to the present.

ENGL 2131 American Literature I (3-0-3)

Prerequisites: ENGL 1102 English Composition II. A survey of American literature from the pre-colonial age to the mid-nineteenth century.

ENGL 2132 American Literature II (3-0-3)

Prerequisites: ENGL 1102 English Composition II. This course will present a broad overview of American literature from the mid-nineteenth century to the present. Students will utilize various critical approaches and reading strategies as they examine important authors and themes of this period. The course will pay special attention to multiple cultures and perspectives. Some of the authors that will be included in this course are Walt Whitman, Emily Dickinson, Gertrude Simmons Bonnin, Mark Twain, Langston Hughes, Kate Chopin, Maxine Hong, Robert Frost, and Raymond Carver.

ENVS 2202 Environmental Science (3-0-3)

This course is an interdisciplinary course integrating principles from biology, chemistry, ecology, geology, and non-science disciplines as related to the interactions of humans and their environment. Issues of local, regional, and global concern will be used to help students explain scientific concepts and analyze practical solutions to complex environmental problems. Emphasis is placed on the study of ecosystems, human population growth, energy, pollution, and other environmental issues and important environmental regulations.

ETEC 1101 Electronic Technology in the Educational Environment (2-0-2)

Prerequisites: Beginning level skill in Microsoft Word and Microsoft PowerPoint. Exited Learning Support in Reading and English. This course is an introduction to using personal computers to communicate with individuals and organizations and to access, store, and analyze information. Emphasis is on exploring the role of technology in present and future learning experiences. Topics include the digital divide, virtual communities, telecommuting, job search and readiness, e-commerce, globalization, privacy versus security, and intellectual property in cyberspace. Students will use their practical technology skills to create word-processed documents, an electronic presentation, and a Web page.

GEOL 1121K Introductory Geosciences I & Lab (3-1-4)

This is a 4 semester-credit-hour course, equivalent to an on-campus geology lecture course combined with a geology laboratory course. This course covers Earth materials and processes. This course covers Earth materials and processes.

HIST 1111 World History to 1500 (3-0-3)

A survey of world history to early modern times. Students in this course will be expected to participate frequently in class discussions, take 12 unit quizzes, and proctored midterm and final exams.

HIST 1112 World History since 1500 (3-0-3)

A survey of world history from 1500 to modern times.

HIST 2111 U. S. History to 1865 (3-0-3)

A survey of U.S. History to the post-Civil War period. The course focuses on the geographical, intellectual, political, economic and cultural development of the American people, and places U.S. events in the context of world politics. (This course satisfies the State legislative requirement concerning United States history and Georgia history.)

HIST 2112 U. S. History since 1865 (3-0-3)

A survey of major themes and topics in American history from since 1865. Satisfies legislative requirement for US and GA history.

MATH 1001 Quantitative Skills and Reasoning (3-0-3)

This course is for students needing practical, comprehensive instruction, with a focus on life applications, college level study abilities, and clear understanding of mathematics for additional coursework, careers and everyday living. NOTE: This course is an alternative in Area A of the General Education Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take College Algebra, Pre-calculus, or Calculus. Students may not receive credit for both MATH 1001 and MATH 1101.

MATH 1101 Introduction to Mathematical Modeling (3-0-3)

This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communications of quantitative concepts and results.

MATH 1111 College Algebra (3-0-3)

This course is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of functions and their graphs. This includes linear, quadratic, piece-wise defined, inequalities, rational, polynomial, exponential, and logarithmic functions. Appropriate applications will be included.

MATH 1113 Pre-Calculus (3-0-3)

Prerequisites: MATH 1101 Introduction to Mathematical Modeling or MATH 1111 College Algebra. This course is designed to prepare students for calculus, physics, and related technical subjects. Topics include an intensive study of algebraic and transcendental functions accompanied by analytic geometry and trigonometry.

MATH 1401 Introduction to Statistics (3-0-3)

Prerequisites: MATH 1101 Introduction to Mathematical Modeling, MATH 1111 College Algebra, or MATH 1113 Pre-Calculus or approved equivalent. The course is a course in basic statistics. Topics include descriptive statistics, probability, distributions, hypothesis testing, inferences, correlation, and regression.

MATH 1501 Calculus I (4-0-4)

Prerequisites: MATH 1113 Pre-Calculus or its equivalent. Topics to include functions, limits, continuity, the derivative, antidifferentiation, the definite integral, and applications.

MUSC 1100 Music Appreciation (3-0-3)

An introduction to music history, music literature, and critical listening skills.

PHIL 2010 Introduction to Philosophy (3-0-3)

Introduction to the central issues, questions, and theories of Western Philosophy. Topics covered include logic and critical thinking; religion; knowledge and skepticism; philosophy of mind; freedom and determinism; and ethics. Students are expected to engage in philosophical discussion based on primary and secondary texts.

PHYS 2211K Principles of Physics I and Lab(3-1-4)

Principles of Physics I and Laboratory is a 4 semester credit hour introductory course which will include material from mechanics, thermodynamics and waves. Elementary differential calculus will be used.

PHYS 2212K Principles of Phys II and Lab (3-1-4)

An introductory course that will include material from electromagnetism, optics, and modern physics. Elementary differential and integral calculus will be used. This course has a laboratory component that requires a lab kit.

POLS 1101 American Government (3-0-3)

A study of government and politics, including the philosophical and constitutional foundations, governing institutions, political behavior and major public policy issues. (This course satisfies the State legislative requirement concerning the United States Constitution and the Georgia Constitution).

PSYC 1101 Introduction to General Psychology (3-0-3)

A broad survey of the major topics in psychology including, but not limited to, research methodology, biological and social factors influencing behavior, development, learning, memory, and personality.

SOCI 1101 Introduction to Sociology (3-0-3)

A survey of the discipline of sociology. Topics will include sociological theory, methods and selected substantive area.

SPAN 2001 Intermediate Spanish I (3-0-3)

Prerequisites: SPAN 1002 Elementary Spanish II or equivalent. A rapid review of grammar with continued use of listening, speaking, and reading and writing skills, all with a cultural emphasis.

SPAN 2002 Intermediate Spanish II (3-0-3)

Prerequisite: SPAN 2001 Intermediate Spanish I or equivalent. Listening, speaking, and reading and writing skills in an introduction to literature and within a cultural context.