COURSE DESCRIPTIONS

(\textit{F} = Classes offered in the Fall, \textit{S} = Classes offered in the Spring, \textit{SU} = Classes offered in the Summer, \textit{D} = Classes offered upon Demand, \textit{O} = Odd years, \textit{E} = Even years)

Explanation of Course Numbers

The course number indicates the degree of advancement. Generally, courses with the lowest numbers should be completed first. Lower-division courses (1000-2000) are generally considered freshman and sophomore courses. Upper-division courses (3000-4000) are generally considered junior and senior courses. Courses numbered in the 5000 series are graduate courses; however, some 3000-4000 courses may be taken for graduate credit.

Prerequisites and Recommended Courses

Prerequisites are noted by bold print. Recommended courses are noted by italic print.

General Education

\textbf{ART 1223 ART SURVEY}

This General Education course traces the history of art from prehistory to the present. Emphasis is on art of the western world from antiquity through the modern era. Among the topics covered are the art of Renaissance Europe, Impressionism and Post-Impressionism, as well as ways of seeing and the influence of non-Western cultures. \textit{F, S, SU}

\textbf{ASTRO 1904 ASTRONOMY}

An introductory course stressing basic science and how we arrived at our present knowledge. Topics include: history of astronomy; planets; meteors; comets; asteroids; birth, life, and death of stars; galaxies; quasars; black holes; and cosmology. Several night viewing sessions will be arranged. \textit{F, S, SU}

\textbf{BIOL 1004 BIOLOGICAL CONCEPTS*}

An introduction to the concepts and methods of biology needed to understand biological issues faced by society. Upon completion of the course students will be able to apply the scientific method to problem solving and to explain natural phenomena. Students will also understand such concepts as the role of the cell in maintaining conditions essential for life. In addition, students will be able to describe the interactions between living organisms and the environment at the population, ecosystem, and biogeochemical cycles. Credit for this course may not be applied to a Biological Sciences Major or Minor. \textit{F, S, SU}

\textbf{BIOL 1013 CURRENT ISSUES IN BIOLOGY}

Students will be introduced to how basic knowledge of biological sciences can contribute to their growth as informed global citizens. The course focuses on biological principles that have immediate applications in our everyday lives. The course will also require that students use the knowledge they received to debate important issues, solve problems, and communicate complex issues to their peers. \textit{F, S}

\textbf{BIOL 1054 PRINCIPLES OF BIOLOGY I}

Introduction to major molecular, cellular and genetic principles needed to understand the functioning of all organisms. Investigative laboratories introduce important techniques and methodological uses by modern biologists. Students will be introduced to scientific procedure, reasoning, problem solving, and reporting. Required for all biological sciences majors and minors and recommended for pre-professional and other science majors. \textit{Corequisite: BIOL 1054L. F, S, SU}

\textbf{CHEM 1004 GENERAL CHEMISTRY**}

A survey course in general chemistry designed for students requiring a single chemistry course (of 4 hours or fewer) in their major or for students requiring a preparatory course for CHEM 1203 and CHEM 1252, General Chemistry I. Topics include measurements, atomic theory, bonding, naming /writing formulas of inorganic compounds, properties of solids/liquids/gases, energy (primarily light/heat), reactions (including balancing equations, stoichiometry, equilibrium), solutions/concentrations, and acids/bases. The laboratory is designed to fortify the understanding of the major topics of the course. No prerequisites although a minimal algebra background is helpful. \textit{F, S}

\textbf{COMM 1263 INTRODUCTION TO THEATRE}

Background, philosophy, and practices of theatre arts, the theory and practice of elementary principles of direction, acting, and stagecraft. All of the above will be applied to the study of American, British, and European plans representing major literary periods from classic to modern. \textit{F, S}

\textbf{COMM 1313 INTRODUCTION TO PUBLIC SPEAKING}

This course provides students with an in-depth analysis of public speaking. It includes a thorough examination of the theoretical framework of public speaking and requires students to put those theories into practice. Students will build critical thinking skills by constructing their own messages and evaluating those of others. This course is designed to heighten student’s skills as well as increase their confidence as public speakers. \textit{F, S, SU}

\textbf{COMSC 1022 COMPUTERS & INFORMATION ACCESS}

Introduction to computers, computer software, and the use of computers to access information for general education students. Includes an introduction to computer hardware, microcomputer operating systems, and computer applications, including word processors, spreadsheets, e-mail, and the Internet. \textit{F, S, SU}

\textbf{COMM 2103 INTRO TO MASS COMMUNICATIONS}

Basic study of the nature and function of mass communication systems, their audiences, social impact, pressures, and regulations. \textit{F, S}

\textbf{COMM 2113 WRITING FOR MASS MEDIA}

Introduction to writing for both print and broadcast media. Includes news, feature, editorial, and sports writing. \textit{F}

\textbf{COMM 3573 INTERCULTURAL COMMUNICATION}

Students examine the ways that communication varies in different cultures. Kinds of differences studied include nationalities, languages, ethnicities, gender, age and others. \textit{SE}

\textbf{ECONO 2263 INTRODUCTION TO MACROECONOMICS}

Study of the economy as a whole. Topics include national income accounting, the determination of the levels of income, output, employment, and price; money and banking; stabilization policies; international economics. \textit{F, S}

\textbf{ECONO 2363 INTRODUCTION TO MICROECONOMICS}

Fundamental microeconomic principles involving behavior of consumers, business firms, and resource owners as they relate to the allocation of resources; individual price and output determination. \textit{F, S}

\textbf{ENGL 1113 ENGLISH COMPOSITION I}

A limited review of principles of grammar and basic language mechanics; training for effective communicative skills with emphasis on writing as required for successful college study. \textit{F, S, SU}

\textbf{ENGL 1213 ENGLISH COMPOSITION II}

Training for skills in communication, as in ENGL 1113, but a higher level. \textit{Research component. \textit{Prerequisite: ENGL 1113. F, S, SU}}

\textbf{GEOL 1103 WORLD CULTURAL GEOGRAPHY}

Study of world’s cultural regions. Cultural development is surveyed for such topics as populations, technologic-economic systems, and socio-cultural beliefs and practices. \textit{F, S, SU}

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GEOL 1934 PHYSICAL GEOLOGY
Introduction to earth science; earth in the universe, sea floor spreading and continental drift, the geomagnetic field, earthquakes and landform development; laboratory study of minerals and rocks, topographic maps, stereophotographs and landforms. F, S

HIST 1033 WORLD HISTORY
An introduction to the history of world civilizations with an emphasis on the development of ideas, institutions, and religions as well as an examination of the impact particular individuals and movements have had in history. F, S, SU

HIST 1043 UNITED STATES HISTORY TO 1877
A survey of American history, beginning with the European background and continuing through the reconstruction era. F, S, SU

HIST 1053 UNITED STATES HISTORY SINCE 1877
A survey of American history from the end of reconstruction to the present. F, S, SU

HUM 1103 INTRODUCTION TO HUMANITIES
An interdisciplinary, multi-perspective assessment of cultural, political, philosophical, and aesthetic factors critical to the formulation of values and the historical development of the individual and of society. Examines human creativity broadly, including music, painting, literature, theater, architecture, sculpture, and modern innovations such as photography and film. F, S, SU

KINES 1133 WELLNESS CONCEPTS AND EXERCISE APPLICATIONS
This course is designed to provide the student with a philosophy of living that encourages a higher quality of life and a state of well-being. Lifestyle choices are identified and explained in regard to proper exercises, weight management, stress management, substance use, sexually transmitted diseases, health care, nutrition, cardiovascular disease prevention, and cancer prevention. Assessment techniques and development of individual prescriptions in the areas of muscular strength, muscular flexibility, cardiovascular endurance, body composition, and nutrition are studied. Lifetime leisure skills are identified and developed to provide a well-rounded exposure to wellness. F, S, SU

LIT 2413 INTRODUCTION TO LITERATURE
The study of short stories, poetry, and drama. F, S, SU

MATH 1143 MATH CONCEPTS
An introduction to mathematical ideas and their applications. Topics are chosen from set theory, logic, probability and statistics, financial mathematics, number theory, and graph theory. F, S, SU

MATH 1153 MATH APPLICATIONS
A course in mathematics designed for nursing and health science students. Topics covered will include solving ratios and proportions, dimensional analysis, dosage calculations, and working with logarithms. F, S

MATH 1513 COLLEGE ALGEBRA***
A fundamental course including solutions of equations and inequalities, systems of equations, algebra of functions, polynomial functions, rational functions, exponential and logarithmic functions, matrices, and conic sections. Prerequisite: ACT Math subscore of 19 or higher, or MATH 0133, or departmental approval, or placement by examination. F, S, SU

MUSIC 1013 INTRODUCTION TO MUSIC I
Introduction to the history of music and musical styles. F, S, SU

MUSIC 1103 MUSIC AND CULTURE
Introduction to history of music and musical styles from cultures around the world. Designed as a course for music majors. F

MUSIC 1123 HISTORY OF ROCK-N-ROLL
A course on listening, with emphasis on the relationship between musical style and historical context, and the history and development of rock-n-roll. F, S

PHILO 1453 INTRODUCTION TO PHILOSOPHY
A survey of major philosophers and their ideas, from ancient Greece to Rome, to Medieval Christian philosophers, Descartes and the debate over Rationalism and Empiricism, Kant and his followers, Marx, Utilitarianism, and the Existentialism of both Kierkegaard and Sartre. Attention to metaphysics, ontology, ethics, epistemology, axiology, and some logic. Primary emphasis on the Western tradition. F, S, SU

POLSC 1103 AMERICAN GOVERNMENT & POLITICS
Survey of origin, structure, and functions of national government with emphasis on Constitution and the American political process. Unless otherwise noted, POLSC 1103 is a prerequisite for all political science courses. F, S, SU

PSYCH 1003 GENERAL PSYCHOLOGY
A general education course which provides an overview of psychology with an emphasis on the applied areas in the field. F, S, SU

SCI 1501 CONCEPTS OF PHYSICAL SCIENCE LABORATORY
The lab meets two hours each week and focuses on the importance of the experimental approach to the scientific method. Inquiry-oriented laboratory investigations of selected topics in the disciplines of astronomy, chemistry, geology and physics introduced in SCI 1513 will be undertaken. Prerequisite: Completion of or concurrent enrollment in SCI 1513. S

SCI 1513 CONCEPTS OF PHYSICAL SCIENCE
A course designed to develop an awareness of the interrelationships between science and society. Readings and discussions on the tactics and strategy of science, with emphasis on the physical sciences. F, S, SU

SOCIO 1003 INTRODUCTION TO SOCIOLOGY
A general education course covering the fundamental concepts of sociology; foundations of group life; social change, processes, and problems. SOCIO 1003 is a prerequisite for all other sociology courses. F, S, SU

TECH 1223 TECHNOLOGY AND SOCIETY
A survey course introducing the student to new and emerging technologies in relation to their economic, social, and global impact on society. F, S

WORLD LANGUAGES _ _ _ 4****
Fundamentals of grammar taught in order to acquire facility in all four language skills: reading, writing, speaking, and understanding the spoken language; limited introduction to the culture. F, S, SU

* Or a higher numbered biology course
** Or a higher numbered chemistry course
*** Or a higher numbered mathematics course
**** Descriptions for World Language courses are listed under the Language & Literature Department.