



## Concurrent Enrollment Course Descriptions

**AAS 100 The Black Experience in America:** This is an interdisciplinary course that examines major historical and contemporary conditions that have contributed to shaping the experiences of black people in America. The course utilizes a variety of original source material in history, literature, art, music, film, sociology, and politics in order to understand the thinking of and reaction to African Americans over nearly 400 years.

**BIO 103 General Biology I:** This is the first half of a two-semester introductory course in which the major principles of biology are studied. Topics investigated are the chemical and physical foundations of life, cell structure and function, metabolism, and genetics.

**BIO 104 General Biology II:** This is the second half of a two-semester introductory Biology course, and this half focuses on the diversity of life. The course examines principles and theories that drive biodiversity and emphasize process and pattern of unique biological traits across organismal groups.

**BIO 156 Biology of the Environment:** An ecosystem approach to the study of the environment which looks at biological components and their interactions, including human impacts on the environment. Natural resources and conservation management of such resources are examined.

**CHE 110 General Chemistry I:** This full-year course comprises a thorough survey of the modern principles of chemistry. Emphasis during the first semester is on atomic and molecular structure, quantitative relationships, thermodynamics and electrochemistry. In the second semester the emphasis is on physical and chemical equilibria, kinetics and descriptive chemistry.

**CHE 111 General Chemistry II:** This full-year course comprises a thorough survey of the modern principles of chemistry. Emphasis during the first semester is on atomic and molecular structure, quantitative relationships, thermodynamics and electrochemistry. In the second semester the emphasis is on physical and chemical equilibria, kinetics and descriptive chemistry.

**COM 160 Public Speaking:** This course is an introduction to the concepts, theories, and skills of effective public communication. It includes the consideration of successful public speaking techniques and strategies for selecting speech topics, argument construction, and delivery.

**COMP 101 Composition I:** The goal for COMP 101: Composition 1 Introduction to Composition and Rhetoric is for students to gain confidence and fluency with writing and reading at the college level. The course teaches students how to write for various rhetorical situations in academic and non-academic genres. Through complex readings, students gain rhetorical knowledge as they critically analyze the audience, purpose, genre, and context of various forms; this knowledge is applied to their own writing. Students gain an introduction to finding, evaluating, and incorporating sources to support their own ideas. In addition, students learn to reflect critically on their writing and themselves as writers to encourage independent writing and revision in the future.

**ECO 213 Principles of Microeconomics:** ECO 213 is designed to be an introduction to microeconomic analysis of the role of prices in the allocation of resources. Topics include theory of consumer demand, market efficiency, consumer welfare, production cost, profit maximization, theories of firm behavior in different market structures, and international trade. By the end of the course, students will be comfortable with basic microeconomic concepts, and capable of using them to better understand their personal and professional decision making in addition to what's going in the world.

**ED 206 Cadet Teaching Intro Practicum:** Introduction to the basic foundations of the Western educational tradition with specific emphasis on the American pattern. An examination of teaching as a career, the legal and organizational frameworks, international education, cultural diversity and mainstreaming will be conducted. Completion of 20 hours of required classroom exposure throughout the semester is designed to combine theory with educational practices.

**ENG 108 Introduction to Literature:** This course provides an introduction to literature and its major genres: fiction, poetry, drama, and nonfiction. By examining the nature, structure, and key elements of literature and reading and analyzing a wide selection of literary texts from major literary genres, this course will enhance students' abilities to appreciate, understand, and critique literature as embodied in its major modes of expression of the human condition.

**HIS 149 American History: Since 1877:** An examination of American history since 1877, focusing on major social, political and economic trends and examining the rise of industry, World War I and the civil rights movement.

**MAT 120 Elementary Statistics:** An introduction to the practices of statistics, for non-science or math majors, which emphasizes elementary data analysis and inference. Topics include correlation, regression, probability models, estimation, and hypothesis testing. Examples will be selected from many fields, such as anthropology, business, medicine, psychology, sociology, and education. Students will be expected to use appropriate computer software.

**MAT 133 Precalculus:** The functions needed for the study of calculus are presented from a numerical, graphical and algebraic point of view. Polynomial, exponential, logarithmic and trigonometric functions are included. Graphics calculators are used throughout the course.

**MAT 181 Calculus I:** Calculus I will introduce students to the ideas and applications of single variable differential calculus and to the foundations of single variable integral calculus. This will include, but not be limited to, the definitions and applications of limits, continuity, the derivative, and the definite and indefinite integral. Students will be expected both to become proficient with basic skills and to demonstrate an understanding of the underlying principles of the subject. Students should expect to make appropriate use of technology in this course. Knowledge of Precalculus will be assumed, in particular knowledge of lines, polynomials, rational functions, trigonometric functions, and exponential and logarithmic functions. Students are also expected to be proficient with algebra.

**MAT 182 Calculus II:** Calculus II will introduce students to a variety of new techniques of integration, to some applications of integration, and to sequences and series. Students will be expected both to become proficient with basic skills and to demonstrate an understanding of the underlying principles of the subject. Students should expect to make appropriate use of technology in this course. Knowledge of Calculus I will be assumed, in particular knowledge of the rules and concepts behind differentiation and basic integration.

**MKT 200 Principles of Marketing:** This course provides students with an understanding of marketing systems and their role within the global economy and individual organizations. The course examines how goods and services are planned, priced, promoted and distributed in order to mutually satisfy customer wants and organizational objectives.

**MUS 192 Orchestra:** An ensemble of string, wind, and percussion players that performs traditional and contemporary orchestral literature. Open to all students of the university with an audition. Offered every semester.

**PHY 120 General Physics I (non-calculus):** A general physics course appropriate for students majoring in life science, pre-medicine, and other related disciplines; uses vector analysis, significant figures and scientific notation throughout the presentation. The course gives in-depth presentation of the traditional general physics material with examples of physical principles from the life sciences and daily living.

**SPA 196 Continuing Spanish I:** The first semester course in the continuing Spanish sequence. Focuses on reading, writing, oral comprehension and speaking through a study of Hispanic cultures.

**SPA 197 Continuing Spanish II:** The second semester course in the continuing Spanish sequence. Focuses on reading, writing, oral comprehension and speaking through a study of Hispanic cultures.