

# **Lower Division Courses**

**ENG 121: Composition and Reading – Part A****3.0 units – 45 hours**

This is the first in a two-part, college level English course. In this course, students will learn the foundation of critically reading and writing in a variety of rhetorical modes. Students will read various essays and literature, and apply critical analysis to their own writing. Students will practice all aspects of the writing process, and by the end of Part B, they will meet a goal of writing a minimum of 6000 words through a variety of assignments.

**ENG 122: Composition and Reading – Part B****3.0 units – 45 hours**

This is the second part of our college-level English course. By building on the skills learned in Part A, students will continue to critically read and write in a variety of rhetorical modes. Students will read various essays and literature, and apply critical analysis to their own writing. In this course they will build information literacy skills through research, and describe the connection between effective communication and professionalism. Students will complete their goal of writing a minimum of 6000 words.

**MTH 121: College Algebra – Part A****3.0 units – 45 hours**

This course integrates technology with mathematics through the use of online learning resources, and covers the fundamentals and terminology of algebra. Topics include real numbers, complex numbers, order of operations, ratios/proportions, single and multiple step linear equations and inequalities, use of formulas, algebraic expressions, polynomials, systems of equations, graphing and quadratic equations. Students will utilize the metric and U.S. standard systems, and scientific notation. The fundamentals and terminology of geometry, including geometric shapes and the Pythagorean Theorem, will be provided. This course offers hands-on applications that allow students to relate to and to apply concepts to their field of study.

**MTH 122: College Algebra – Part B****3.0 units – 45 hours**

This course integrates technology with mathematics through the use of online learning resources, and covers the fundamentals and terminology of algebra. Topics include use of formulas, algebraic expressions, polynomials, systems of equations, exponential and logarithmic expressions and quadratic equations. Students will utilize rational and radical expressions, conics and functions. This course offers hands-on applications that allow students to relate to and to apply concepts to their field of study.

**NSC 1: Introduction to the Natural Sciences****3.0 units – 45 hours**

This course presents an overview of the basic concepts of the natural sciences, emphasizing biology, chemistry, physical, earth and space science. These concepts are taught both as a technical foundation and from a historical perspective. The subject matter is integrated into lecture discussions covering the environment, ecology, and the relevance of natural science to human affairs. Subjects discussed include current and relevant social, scientific and economic issues. Special projects and activities may be required.

**PHIL 1C: Ethics****3.0 units – 45 hours**

This course provides an introduction to the ethical problems and issues in modern society. Students will discuss current events related to ethical issues and participate in group discussions.

**PSY 1: General Psychology****3.0 units – 45 hours**

This course covers the study of human behavior, moral development, and psychological theory as it applies to the individual, group and community. Behavioral disorders and treatment; social perceptions; emotions and motivation, social influence and group processes are topics included in this course.

**SOC 1: Introduction to Sociology**

**3.0 units – 45 hours**

This course is a survey of social structure, theory, and its implications for individuals in a dynamic view of the environment. Cultures, family, organizations, groups, ethnic and political influences, and politics are the topics covered.

# **Upper Division Courses**

**ENG 321: Writing for Research****4.0 units – 60 hours**

This course is designed to provide students with the framework necessary for research writing; the course will provide guidance in creating a literary review, allowing students to focus on research pertaining to their discipline of study. The course will outline the research process, APA formatting for research writing, and the literary review process. Students will utilize peer-reviewed journals to synthesize data pertaining to their studies in preparation for their Senior Capstone Project.

**HUM 325: Cross-Cultural Communication****3.0 units – 45 hours**

This course is designed to provide students with a broader understanding of cross cultural communication theories, styles, and leadership techniques to find success in a diverse global economy. The course will introduce related texts to help create a cultural worldview for students to apply to their field. The course will outline intercultural theories and techniques used in various fields to allow students to find realistic approaches to everyday situations, as applicable to individual disciplines. Students will analyze and discuss fiction and non-fiction texts from a cross-cultural communications perspective.

**PSY 302: Group Dynamics****4.0 units – 60 hours**

This course presents concepts of behavior related to group activity for the purpose of developing skill in interpersonal relationships in professional settings. Topics include the discussion, analysis and application of concepts related to group process, conflict management and leadership in professional environments.

**STS 301: Statistics****4.0 units – 60 hours**

This course will provide a practical foundation in statistical concepts and practice with emphasis on acquiring the skills necessary to collect, interpret, describe and present sample data in a clear and focused manner. This course will cover how to obtain and interpret basic descriptive statistics, and how to calculate commonly used statistics.