Course Descriptions

BIOL 2401 HUMAN ANATOMY AND PHYSIOLOGY I (4-3-3)
Prerequisite: None
Fees: Laboratory
Basic chemistry, the cell, tissues, the skeletal, muscular, nervous, and systems, and the senses.

BIOL 2402 HUMAN ANATOMY AND PHYSIOLOGY II (4-3-3)
Prerequisite: BIOL 2401
Fees: Laboratory
Fundamental principles of body systems and their functions. Satisfies the requirements of human anatomy and physiology for some Paramedical and Allied Health curricula.

COSC 1301. Computer Literacy (3-3-0)
This course is an introduction to personal computers for those with no previous computer background. Concepts will include systems software, word processing, spreadsheets, and databases. Additional computer-related topics to be discussed will include multimedia concepts and the Internet. Numerous computer assignments are required. This course may not be counted toward a major in computer science.

ENGL 0301. Basic English II (3-3-0)
Prerequisite: ENGL 0300 with a grade of “C” or better or appropriate placement scores
ENGL 0301 provides practice in reading and writing effective paragraphs and short essays. This course cannot be substituted for any part of the regular ENGL 1301 or 1302 courses. A student required to take ENGL 0301 must receive a grade of “C” or better before being permitted to take ENGL 1301.

ENGL 1301. Freshman Composition I (3-3-0)
Prerequisite: ENGL 0301 with a grade of “C” or better or appropriate placement scores
ENGL 1301 is a study of the principles of effective oral and written standard English expression. It emphasizes critical reading and writing of prose, chiefly expository, including documented writing.

ENGL 1302. Freshman Composition II (3-3-0)
Prerequisite: ENGL 1301 with a grade of “C” or better or advanced placement
ENGL 1302 builds upon the writing skills developed in ENGL 1301. It stresses critical, analytical skills through careful reading, analyzing literature for purpose and technique, and applying the principles of effective writing to the student’s compositions. The reading includes poetry, drama, and narrative prose. The writing consists of analytical and critical essays, some of which require investigation of library materials and documentation. A student must make a passing grade in ENGL 1301 or have advanced placement standing before being permitted to take ENGL 1302.

ENGL 2332. World Literature: Antiquity through Renaissance (WI) (3-3-0)
Prerequisites: ENGL 1301 and 1302
ENGL 2332 examines representative masterpieces of world literature in translation, with materials from classical writers, the Middle Ages, and the Renaissance. This is a writing intensive (WI) course.

GOVT 2301. American / Texas: National and State (3-3-0)
GOVT 2301 contains a comparison of the Texas and United States Constitutions and an analysis of federalism, citizenship, governmental institutions, and local government. GOVT 2301 fulfills three units of the legislative requirement for completion of six units of the Texas Constitution and the United States Constitution.

GOVT 2302. American Government: Problems and Policies (3-3-0)
Prerequisite: Credit for GOVT 2301
GOVT 2302 is a general survey course in American government covering the United States Constitution and policy issues in American government. GOVT 2302 fulfills the legislative requirement for the United States Constitution.

HIST 1301. History of the United States, Part I (3-3-0)
This is a general survey of United States history from the discovery of America through 1877. It satisfies one-half the legislative requirement of six semester hours in American history.

HIST 1302. History of the United States, Part II (3-3-0)
Prerequisite: Credit for HIST 1301
HIST 1302 is a general survey of United States history from 1877 to the present. It satisfies one-half the legislative requirement of six semester hours in American history.

MATH 0104. Supplemental Mathematics (1-1-0)
Prerequisite: Concurrent enrollment in a designated math course requiring additional lecture content determined by the Mathematics Department. This course offers an extended lecture hour for students in corequisite math courses.

MATH 0300. Basic Mathematics (3-3-0)
This course includes a description of the real numbers and their properties; operations on integers, fractions, and decimals; exponents and the order of operations; rates and percents; charts and graphs; measurement; and related applications.

MATH 0301. Introduction to Algebra (3-3-0)
Prerequisite: MATH 0300 with a grade of “C” or better or equivalent
This course includes the order of operations, properties of the real numbers, the evaluation of algebraic expressions, operations on polynomial expressions, integer exponents, linear and absolute value equations and inequalities, and extensive problem solving using linear equations and inequalities, proportions, and percents.

MATH 0302. Elementary Algebra (3-3-0)
Prerequisite: MATH 0301 with a grade of “C” or better or equivalent
Content includes factoring techniques, radical expressions and equations, rational exponents, complex numbers, solving quadratic equations by various methods, rational expressions and equations, and related applications.

MATH 0303. Intermediate Algebra (3-3-0)
Prerequisite: MATH 0302 with a grade of “C” or better or equivalent
This course includes solving quadratic equations by various methods, quadratic and rational inequalities, the Cartesian plane, graphs and equations of linear and conical relations, systems of linear equations in two and three variables, systems of nonlinear equations in two variables, introduction to relations and functions, and related applications.

MATH 1314. College Algebra (Non Precalculus Track) (3-3-0)
Prerequisite: MATH 0303 with a grade of “C” or better or equivalent
This course is designed for students in programs which do not require Pre-calculus (MATH 2412). Topics include quadratic, polynomial, rational, logarithmic and exponential functions; systems of equations; sequences and series; and matrices and determinants with emphasis on problem solving.

PSYC 2301. General Psychology (3-3-0)
This course examines the principles of behavior and variables that affect behavior. Topics such as history and systems; the scientific method; and the biological foundations of behavior, perception, learning, memory, motivation, emotion, development, and personality are covered.
**SDEV 0170. Orientation to College (1-1-0)**
Prerequisite: Required of ALL students who are enrolled and who have earned fewer than 15 college credit hours.
This course is for the new student transitioning to college. Course topics include: San Antonio College policies and procedures, curricular offerings, student support services, time management, reading strategies, note-taking, test-taking, transfer strategies, career exploration, and healthy lifestyle strategies. Familiarization with these topics contributes to students' personal and academic success.

**SDEV 0171. Strategies for Success (1-1-0)**
Prerequisite: Referral from counselor, departmental advisor, or college dean.
This course is designed for the academically at-risk student needing to improve skills for academic success. Topics covered in the course include but, are not limited to: study techniques, note-taking, test-taking, time management, library use, critical thinking skills, career planning, and interpersonal skills.

**SDEV 0370. Personal & Academic Success (3-3-0)**
Prerequisite: Written approval from San Antonio College counselor or departmental advisor
This course is designed to increase the student's success in college by assisting the student in obtaining skills necessary to reach his/her educational objectives. Topics include campus services, time management, decision making, personal issues, interpersonal communication, career analysis, behavioral self-management, test taking and study techniques, library use, and healthy lifestyle strategies. It is primarily designed for the developmental education student, who needs remediation in basic skills areas (English, Mathematics, and Reading).

**SOCI 1301. Introduction to Sociology (3-3-0)**
This course is designed to achieve insights into the development and working of society. It includes cultural factors which underlie social change, social organization, socialization, stratification, social institutions, and social issues. This course may also be taken via video or Internet.