

DUAL ENROLLMENT COURSE DESCRIPTIONS



Instructional Services

Revised: 8/16/23

<https://www.burbankusd.org/cte>

ANTHROPOLOGY (ANTHRO) 101—HUMAN BIOLOGICAL EVOLUTION

This course is an introduction to the anthropological study of human evolution. Topics include the mechanisms of evolutionary change, genetics, human variation, and the reconstruction of human evolutionary history through an examination of the fossil record and through the use of comparative studies of our closest biological relatives, the living monkeys and apes.

Lecture: 3 hours

Prerequisite: None

UC/CSU Approved "g"

Recommended for the following BUSD Pathway Students: All BUSD Students

Area 5: Physical and Biological Sciences

ANTHROPOLOGY (ANTHRO) 111—LABORATORY IN HUMAN BIOLOGICAL EVOLUTION

This course is a hands-on laboratory experience in selected topics related to human evolution that may include: molecular, Mendelian, and population genetics; modern human variation; geological time and fossilization; comparative primate anatomy; modern primate behavior; human fossil record; and forensic analysis.

Lecture: 3 hours

Prerequisite: BUSD Anthropology 101

UC/CSU Approved "g"

Recommended for the following BUSD Pathway Students: All BUSD Students

Area 5: Physical and Biological Sciences

ARMENIAN 101—BEGINNING ARMENIAN I

Armenian 101 covers the Armenian alphabet, its letters and their sounds, and the fundamentals of Armenian grammar. Students are taught to pronounce correctly, to acquire a practical vocabulary, and to understand, read, write, and speak simple Armenian. Basic knowledge of the Armenian Culture is presented.

Lecture: 5 hours

Prerequisite: None

UC/CSU Approved "e"

Recommended for the following BUSD Pathway Students: All BUSD Students

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ARMENIAN 102—BEGINNING ARMENIAN II

Armenian 102 continues the development of fundamental language skills, including comprehension, reading, listening, and more advanced writing skills. The student continues to acquire a practical vocabulary for speaking everyday Armenian. Students read simple texts in poetry and prose that are culturally significant.

Lecture: 5 hours

Prerequisite: Armenian 101

UC/CSU Approved "e"

Recommended for the following BUSD Pathway Students: All BUSD Students

ART APPRECIATION 103

This course is an introduction to the study of visual arts. It entails appreciation and criticism of art forms and media, and a cross-cultural comparative exploration of the origins and meaning of art from a wide variety of historical periods and cultures. Topics include definitions of art, use and function of art, symbolic meaning of art, art terminology, style, design color theory, methods of production, art criticism, and architectural forms.

Lecture: 2 hours, 50 min

Prerequisite: None

UC/CSU Approved "f"

Recommended for the following BUSD Pathway Students: All NAF Academies and All BUSD Students

Area 3: Arts and Humanities

ART 201—DRAWING 1

Art 201 is a fundamental course that emphasizes drawing as a visual language system. The picture plane, light logic and perspective will be explored while various methods and media are also surveyed.

Lecture: 2 hours; Laboratory: 2 hours

Prerequisite: None

UC/CSU Approved "f"

Recommended for the following BUSD Pathway Students: Animation, Digital Media Production, Photography, Stage Craft Technology, Digital Manufacturing

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BIOTECHNOLOGY (BIOTECH) 001—FUNDAMENTALS OF BIOTECHNOLOGY

This class offers an introduction to the fundamentals of biomanufacturing and biotechnology. An overview of biology used in biotechnology is covered, and the history of biomanufacturing is explored along with key concepts and practices utilized currently in biomanufacturing. An overview of the processes used by companies in the development of drugs and therapies, along with instrumentation utilized in the production of medical products will be provided. This class is suggested for students exploring career options in biology .

Lecture: 3 hours

Prerequisite: None

CSU Approved “g”

Recommended for the following BUSD Pathway Students: All BUSD Students

CHILD DEVELOPMENT 011—CHILD, FAMILY AND COMMUNITY

This course surveys major educational issues, legislation, and trends, affecting children, their families and community. It examines the sociological, cultural, and economic influences on various patterns of family life. This course will identify community resources for health, education, and public welfare.

Lecture: 3 hours

Prerequisite: None

Not “a-g” approved (CSU transferable only)

Recommended for the following BUSD Pathway Students: All BUSD Students

CINEMA 107— UNDERSTANDING MOTION PICTURES

This course provides students with an analytical critical survey of motion pictures as an art form, entertainment industry, and communication medium via screenings, lectures, readings about “classic” and contemporary films, American and foreign, theatrical and non-theatrical.

Lecture: 3 hours

Prerequisite: None

UC/CSU Approved “f”

Recommended for the following BUSD Pathway Students: All BUSD Students

Area 3: Arts and Humanities

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COMMUNICATION STUDIES 101—PUBLIC SPEAKING

This is an introductory course stressing the need for effective oral communication. The emphases in the course are on: principles of human communication, structuring various types of speeches, researching information, audience analysis, critical analysis of public discourse, presentation of speeches and building self confidence in public speaking situations.

Lecture: 3 hours

Prerequisite: None

UC/CSU Approved "g"

Recommended for the following BUSD Pathway Students: All NAF Academies and All BUSD Students

Area 1: English Communication

COUNSELING 020—POST-SECONDARY EDUCATION: THE SCOPE OF CAREER PLANNING

This course introduces students to the role of higher education in society and to their role as students. Students explore personal attributes needed for college success, critical thinking and effective study strategies, relating to others in a diverse world, the career planning and decision making process, and transfer and educational planning. This course will also provide students with an overview of campus resources and policies.

Lecture: 3 hours

Prerequisite: None

UC/CSU Approved "g"

Recommended for the following BUSD Pathway Students: All NAF Academies and All BUSD Students

FINANCE 008—PERSONAL FINANCE AND INVESTMENTS

This course is an introduction to the concepts and tools necessary for the responsible allocation of personal resources. Emphasis is on the significant financial decisions facing each household during its life cycle, including budgeting, record keeping, consumer purchases, credit, home ownership, insurance, investing, retirement, and estate planning. Students should be at the point where they have experience with earning and spending money. This course is rigorous but will teach you extremely valuable life skills.

Lecture: 3 hours

Prerequisite: None

UC/CSU Approved "g"

Recommended for the following BUSD Pathway Students: All BUSD Students

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HEALTH 102—STANDARD FIRST AID AND CPR

Health 102 covers the proper care for emergencies involving adults, children and infants. Students gain the knowledge and skills necessary in an emergency to help sustain life and minimize the consequences of injury or sudden illness until advanced medical help arrives. The course includes first aid, cardiopulmonary resuscitation (CPR), automated external defibrillator (AED), injury management, and disease transmission prevention. This course meets the requirements of the American Red Cross for certification in First Aid/CPR/AED school and community.

Lecture/Demonstration: 3 hours

Prerequisite: None

UC/CSU Approved “g”

Recommended for the following BUSD Pathway Students: All NAF Medical Academy Students and All BUSD Students

MEDIA ARTS 116—INTRODUCTION TO SCREENWRITING

This is a screenwriting course taking students through the process from concept to delivery. Fundamentals learned will be story, character, scene, how to craft a compelling opening, and the keys to a memorable ending. Examples from successful feature films and serialized content are utilized throughout.

Lecture: 3 hours

Prerequisite: None

UC/CSU Approved “g”

Recommended for the following BUSD Pathway Students: Animation, Digital Media Production, Stage Craft Technology, Digital Manufacturing

MULTICULTURAL PSYCHOLOGY 029

This course examines multicultural influences on biological, emotional, social, and intellectual development among people of various backgrounds, including African Americans, Latinx Americans, Asian Pacific Americans, and Native Americans. The experiences of immigrants and refugees, ethnic minorities, disabled people, and lesbian, gay, bisexual and transgender people are discussed. Students will gain an understanding of how race, ethnicity, and culture shape their own behavior, beliefs, interactions, and expectations, and those of the people around them.

Lecture: 3 hours

Prerequisite: None

UC/CSU Approved “g”

Recommended for the following BUSD Pathway Students: All BUSD Students

Area 4: Social and Behavioral Sciences

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SOCIOLOGY 011—RACE AND ETHNIC RELATIONS

This course examines the definitions, history, and experiences of ethnic and racial groups in this country. Attention is given to Black, Latino, Native American, Asian American, Arab Americans, and white ethnic groups. Discussion includes the social, economic, and political factors affecting racial/ethnic group relations; the sources of discrimination and prejudice; and whether social equality between different groups is possible.

Lecture: 3 hours

Prerequisite: None

UC/CSU Approved "g"

Recommended for 11th and 12th grade students

Recommended for the following BUSD Pathway Students: All BUSD Students

Area 4: Social and Behavioral Sciences