



COURSE CATALOG

Fall 2025

Because of the variety of our course offerings that are tailored to meet the needs of all students, students should be available anytime between 7:45 a.m. – 3:20 p.m. Monday through Thursday and between 7:45a.m. – 1:10 p.m. on Fridays for their assigned courses. All courses are semester-long courses. Although CECD North structures its course times very intentionally, there is always the possibility that adjustments will be made leading up to the first day of the semester. Schedules and courses offered are subject to change.

Course Offerings

** If you see an asterisk next to a course, please read the course description, and talk to your advisor before signing up for this class.*

ENGLISH

- English Language Development
- ENG 060 - Composition and Literature
- ENG 090 - Composition and Literature
- ENG 095 - Literature
- ENG 099 - Non-Fiction Reading and Writing
- ACC ENG 1021 - English Composition I (3 days a week)
- ACC ENG 1022 - English Composition II
- ACC ENG 2021 - Creative Writing
- ACC LIT 1015 - Introduction to Literature

MATH

- Consumer Math
- MAT 030 - Basic Math
- MAT 060 - Pre-Algebra
- MAT 090 - Algebra I
- MAT 090 A - Algebra I
- MAT 090 B - Algebra I Geometry
- MAT 099 - Algebra II
- MAT 099 A - Algebra II
- MAT 099 B - Algebra II
- ACC MAT 1240 - Math for Liberal Arts (3 days a week)
- ACC MAT 1260 - Introduction to Statistics
- ACC MAT 1340 - College Algebra
- ACC MAT 1440 - Pre-Calculus
- ACC MAT 2410 - Calculus I
- ACC MAT 2420 - Calculus II

SCIENCE

- Anatomy & Physiology
- Astronomy w/ lab
- Biology w/ lab
- Chemistry w/ lab
- Earth Science w/ lab
- Physics w/ lab
- ACC BIO 1004 - Biology: A Human Approach
- ACC BIO 1016 - Intro to Human Disease
- ACC BIO 1111 - General Biology & Lab

- ACC BIO 2101 - Human Anatomy and Physiology I with Lab
- ACC CHE 1011 – Introduction to Chemistry I with Lab
- ACC ENV 1010 - Natural Disasters
- ACC ENV 1111 - Environmental Science & Lab
- ACC PHY 1105 - Conceptual Physics & Lab
- ACC ANT 2315 - Intro to Forensic Anthropology w/ Lab

HISTORY AND SOCIAL SCIENCE

- American Government
- Geography
- Introduction to Entrepreneurship
- Modern World History
- US History I
- ACC ANT 1003 - Intro to Archeology
- ACC COM 1250 - Interpersonal Communication
- ACC ECO 2001 - Principles of Macroeconomics
- ACC HIS 1220 - US History since the Civil War
- ACC HIS 2015 - 20th Century History
- ACC PSC 1025 - American State and Local Government
- ACC PSY 1001 - General Psychology I (3 days a week)
- ACC PSY 2440 - Human Growth and Development
- ACC PSY 2552 - Psychopathology
- ACC SOC 1001 - Introduction to Sociology
- ACC SOC 1002 - Introduction to Sociology II

ARTS AND HUMANITIES

- ACC HUM 1003 - Introduction to Film Art
- ACC HUM 1015 - World Mythology*
- ACC HUM 1020 - The Cultural History of Rock and Roll*
- ACC MUS 1020 - Music Appreciation
- ACC PHI 1011 - Introduction to Philosophy
- ACC PHI 1013 - Logic
- ACC THE 1005 - Theater Appreciation
- ACC COM 1300 - Communication and Popular Culture*

WORLD LANGUAGES

- ACC ASL 1121 - American Sign Language I
- Chinese I
- French I
- French II
- French III
- Spanish I
- Spanish II
- Spanish III
- Spanish IV

- ACC SPA 1011 - Spanish Language I

COMPUTER SCIENCE, PROGRAMMING, AND CERTIFICATIONS

- Adobe Suite (Cert Available)
- Certifications Lab (Cert Available)
- Computer Aided Design (CAD) (Autodesk Certified User Cert)
- Computer Science Foundations (CTE Pathway)
- Microsoft Applications (Certs Available)
- ACC CNG 1021 - Computer Technician I: A+ (Cert Available)
- ACC CNG 1024 - Networking I: Network + (Certs Available)
- ACC CNG 1025 - Networking II: Network+ (Cert Available)

COLLEGE AND CAREER READINESS

- Freshmen Advisory
- ACC AAA 1009 - Advanced Academic Achievement
- Work-Based Learning
- Capstone
- Independent Study

STUDENT SUPPORT

- Academic Integrations
- English Content Lab for 090, 095, 099
- Gifted Seminar I
- Gifted Seminar II
- Math Content Lab for 060, 090, 090A, 090B, 099, 099A, and 099B
- Resource Lab A
- Resource Lab B
- Resource Lab C

ELECTIVES

- ACC ART 1201 - Drawing I
- ACC ART 1301 - Painting I
- ACC BEH 1001 - Mental Health Crisis and Intervention: Preparedness and Empathy
- ACC BUS 1015 - Introduction to Business (Cert Available) (3 days a week)
- ACC BUS 2016 - Legal Environment of Business
- ACC BUS 2017 - Business Communications and Report (Cert Available)
- ACC COM 1150 - Public Speaking (3 days a week)
- Drones I
- ACC ENP 1005 - Introduction to Entrepreneurship
- ACC HWE 1062 - Health and Wellness
- Intro to Health Science
- ACC MUS 1020 - Music Appreciation
- ACC MUS 1051 - Ensemble I

- ACC MUS 1052 - Ensemble II
- ACC MUS 1061 - Computer Music Applications I
- Physical Education
- ACC PTE 1010 - Intro to Behavioral Healthcare and Wellness
- Robotics I
- Survey of Studio Art
- Theatre
- CCA THE 1011 - Acting I
- CCA THE 1031 - Theater Production
- Wellness
- Yearbook
- Robotics 1

Course Descriptions

ENGLISH

ENG 060 Lit & Comp

Description: English 060 focuses on paragraph structure and development and introduces the formal essay. The course enables the student to review and improve grammar, usage, and punctuation skills while employing critical thinking strategies and the writing process to respond to a wide variety of writing situations. It focuses on strategies for vocabulary development, improved reading comprehension, and enrichment.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: .5 high school

ENG 090 Lit & Comp

Description: Emphasizes critical thinking as students explore writing and reading for specific purposes and audiences. Enables the student to develop skills required for college-level writing and reading while reviewing paragraph structure and focusing on essay development. Enables the student to apply strategies for improving comprehension, developing vocabulary, and increasing non-fiction reading comprehension.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: ENG 060 or appropriate ACCUPLACER scores

Designation: College Prep

Credits: 1 high school

ENG 095 Literature

Description: In this intermediate literature course, students will explore and sharpen their understanding of literary techniques and devices while developing critical thinking skills. This course is aligned to Colorado State literature and writing standards but will be focused primarily on literacy skills.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisite(s): ENG 090 or appropriate ACCUPLACER scores

Designation: College Prep

Credits: 1 high school

ENG 099 Non-Fiction Reading and Writing

Description: The emphasis of English 099 will be reading nonfiction and writing. The writing will be more academic in that the objective is to synthesize the reading material and writing to advance critical thinking skills, enhance the student's ability to engage with sophisticated texts, and to find and infer connections among a variety of texts with various purposes and audiences. Students can expect to read several nonfiction texts and write four to five major papers in preparation for ENG 1021. It is highly recommended that students take this course to bridge the gap between high school courses and the demand of college-level work.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Literature & Composition (ENG 090) and/or appropriate ACCUPLACER scores

Designation: College Prep

Credits: 1 high school

English Composition I (ENG 1021 | GT-CO1)

Description: Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing.

Meeting Times: One 72-minute period (M-R), twice a week.

Prerequisites: ENG 095 and ENG 099 (preferred) and college ready in English

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

English Composition II (ENG 1022 | GT-CO2)

Description: Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and argumentative compositions.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: English Composition I (ENG 1021)

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Creative Writing (ENG 2021)

Description: Examines techniques for creative writing by exploring imaginative uses of language through creative genres (fiction, poetry, and other types of creative production such as drama, screenplays, graphic narrative, or creative nonfiction) with emphasis on the student's own unique style, subject matter and needs. This is a statewide Guaranteed Transfer course in the GT-AH1 category. Note: This course was previously listed as ENG 221.

Meeting Times: Two 72-minute periods

Prerequisites: None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Introduction to Literature (LIT 1015 | GT-AH2)

Description: Introduces students to fiction, poetry, and drama. Emphasizes active and responsive reading. This is a statewide Guaranteed Transfer course in the GT-AH2 category. Note: This course was previously listed as LIT 115.

Meeting Times: Two 72-minute periods

Prerequisites: None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

English Language Development

Description: This course is designed to help non-English proficient students practice the four domains of language-- reading, writing, speaking, and listening-- with sheltered and scaffolded small group instruction.

Meeting Times: One 72-minute period everyday (M-R)

Prerequisites: None

Designation: High School

Credits: 0.5 high school

MATH

Math Basics (MAT 030)

Description: This class explores the fundamentals of math equations, vocabulary, basic algebraic operations, and other concepts that are foundational to future math courses.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: .5 high school

Pre-Algebra (MAT 060)

Description: Explores the vocabulary, operations and applications of fractions, mixed numbers, ratios, proportions, percentages, measurements, integers, introduction to algebraic expressions, and the solution of basic first-degree equations.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: MAT 030 or appropriate Accuplacer scores.

Designation: College Prep

Credits: .5 high school

Geometry

Description: Geometry begins the exploration of math as an art; both from a visual perspective and an intellectual perspective. We will learn to identify various geometric figures and prove theorems associated with them. Principles of reasoning will be learned to aid in making conjectures and proving theorems. An important concept in Statistics is interpreting and extrapolating information from graphical representations of data. A large part of the course will introduce concepts by exploratory means, where the student will get a chance to create mathematics.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Algebra I (MAT 090 or 090A/B), and/or placement via the ACCUPLACER

Designation: College Prep

Credits: 1 high school

Algebra I (MAT 090 or MAT 090 A & B)

Description: Includes first-degree equations, inequalities, formulas, polynomials, factoring polynomials, solving quadratic equations by factoring, graphing linear equations, and applications. Algebraic fractions and systems of linear equations may be included.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Pre-Algebra (MAT 060), and/or placement via the ACCUPLACER.

Designation: College Prep

Credits: 1 high school

Algebra II (MAT 099 or MAT 099 A & B)

Description: Emphasizes problem solving with further study of equations, slope, inequalities, systems of equations, polynomials, quadratic equations, rational expressions, rational exponents, radical expressions, graphing, and applications. MAT 099 is an accelerated one semester Algebra II course. MAT 099A/B is a more traditional, year-long Algebra II course.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: MAT 090 & Geometry and/or college ready on the ACCUPLACER

Designation: College Prep

Credits: 1 high school

Mathematics for Liberal Arts (MAT 1240 | GT-MA1)

Description: Develops mathematical and problem-solving skills. Appropriate technological skills are included. Content is selected to highlight connections between mathematics and the society in which we live. Topics include set theory and logic, mathematical modeling, probability and statistical methods, and consumer mathematics. Additional content will include one topic in geometry, numeration systems, decision theory, or management science.

Meeting Times: Four 72-minute periods weekly (M-R)

Prerequisites: Refer to appendix at the end of the catalog.

Designation: Arapahoe Community College

Credits: 4 college credits / 1.5 high school

Introduction to Statistics (MAT 1260 | GT-MA1)

Description: Includes data presentation and summarization, introduction to probability concepts and distributions, statistical inference-estimation, hypothesis testing, comparison of populations, correlation and regression. Note: This course was previously listed as MAT 135.

Meeting Times: Two 72-minute periods weekly (M-R); 50 minutes on Friday

Prerequisites: Refer to appendix at the end of the catalog.

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

College Algebra (MAT 1340 | GT-MA1)

Description: Includes a brief review of intermediate algebra, equations, and inequalities, functions and their graphs, exponential and logarithmic functions, linear and non-linear systems, selection of topics from among graphing of the conic sections, introduction to sequences and series permutations and combinations, the binomial theorem and theory of equations.

Meeting Times: Four 72-minute periods weekly (M-R)

Prerequisites: Refer to appendix at the end of the catalog.

Designation: Arapahoe Community College
Credits: 4 college credits / 1.5 high school

Pre-Calculus (MAT 1440 | GT MA1)

Description: This course reviews college algebra and college trigonometry intended for those planning to take calculus. Topics include algebraic manipulations, properties of algebraic and trigonometric functions and their graphs, trig identities and equations, conic sections, polar coordinates and parametric equations. Note: This course was previously listed as MAT 166.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisite(s): Refer to appendix at the end of the catalog.

Designation: Arapahoe Community College

Credits: 5 College, 2.5 High School

Calculus I (MAT 2410 | GT-MA1)

Description: Introduces single variable calculus and analytic geometry. Includes limits, continuity, derivatives, and applications of derivatives as well as indefinite and definite integrals and some applications.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Refer to appendix at the end of the catalog.

Designation: Arapahoe Community College

Credits: 5 college credits / 2 high school

Calculus II (MAT 2420 | GT-MA1)

Description: Continuation of single variable calculus which will include techniques of integration, polar coordinates, analytic geometry, improper integrals, and infinite series. Note: This course was previously listed as MAT 202.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Refer to appendix at the end of the catalog.

Designation: Arapahoe Community College

Credits: 5 college credits / 2 high school

Consumer Math

Description: Consumer math is a field of mathematics, which shows you how to use your basic math skills to real life situations such as buying a car, budgeting your money, investing, paying taxes, getting a mortgage.

Meeting Times: Four 72-minute blocks and one 50-minute block weekly

Prerequisites: None

Designation: College Prep

Credits: 1 high school

SCIENCE

Astronomy

Description: The Astronomy curriculum builds on the natural curiosity of students. We begin at the birth of the universe and the Big Bang and explore inwards from galaxies to the solar system to

our own Earth. We also take an in-depth look at how scientists learn about the universe through forces and light and how these concepts apply to the study of global climates.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisite(s): None

Designation: College Prep

Credit: 1 high school

Anatomy & Physiology

Description: Focuses on basic knowledge of body structures and function and provides a foundation for understanding deviations from normal and disease conditions. This course is designed for individuals interested in health care and is part of our CTE Health Science pathway.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisite(s): HS Biology preferred

Designation: College Prep

Credit: 1 high school

Biology w/Lab

Description: Focuses on macro systems such as ecosystems, interactions of populations within ecosystems, and the theory of evolution. Focuses on micro systems such as cellular metabolic activities, photosynthesis and cellular respiration, cells, tissues, organs, and organ systems, and genes.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Earth Science preferred

Designation: College Prep

Credits: 1 high school

Chemistry w/Lab

Description: Students in this course will examine the fundamental properties of elements, compounds, and mixtures. Chemical reactions and chemical processes are observed and explained at the atomic and molecular level using the scientific method. Students will integrate conceptual understandings, algebra skills, and an ongoing laboratory experience to develop the fundamentals of problem solving, laboratory work, and the practical application of Chemistry.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Biology and MAT 090 preferred (can be enrolled concurrently)

Designation: College Prep

Credits: 1 high school

Earth Science w/Lab

Description: The Earth Science Curriculum builds on the natural curiosity of students. Exploration of the systems of the Earth will include – the spheres and the cycles, the history of the Earth through studying Plate Tectonics and the movement of the Earth's crust, how the Earth's surface gets shaped by weathering and erosion, and the causes and effects of natural disasters.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: .5 high school

Physics w/Lab

Description: Students will examine the following topics: mechanics, electricity & magnetism and wave motion. Coursework involves laboratory activities, in-class assignments and formal assessments that require students to demonstrate problem-solving skills in the context of a science scenario.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Chemistry and Algebra II preferred (can be enrolled in 099 concurrently)

Designation: College Prep

Credits: 1 high school

Biology: A Human Approach with Lab (BIO 1004 | GT-SC1)

Description: Develops a basic knowledge of the structure and function of the human body by studying the body's structure as a series of interrelated systems. Includes cardiovascular, respiratory, digestive, lymphatic, musculoskeletal, nervous, endocrine, reproductive, and urinary systems, and genetics. Emphasizes disease prevention and wellness. This course includes laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category. Note: This course was previously listed as BIO 104.

Meeting Times: Two 72-minute periods twice a week (M-R)

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 4 college credits / 1.5 high school

General College Biology with Lab (BIO 1111 | GT-SC1)

Description: Examines the fundamental molecular, cellular, and genetic principles characterizing plants and animals. Includes cell structure and function and the metabolic processes of respiration and photosynthesis, as well as cell reproduction and basic concepts of heredity. This course includes laboratory experience. Note: This course was previously listed as BIO 111.

Meeting Times: Four 72-minute blocks of lecture weekly (M/W or T/R) and two 72-minute blocks of lab weekly (M/W or T/R)

Prerequisites: College Quantitative Literacy Math Scores and College Readiness in English

Designation: Arapahoe Community College

Credits: 5 college credits / 2 high school

Intro to Human Disease (BIO 1016 | GT-SC2)

Description: Focused analysis of the causes and mechanics of human illness and death will be presented for each of the major human body systems. Selected diseases will be studied in greater detail including etiology, pathogenesis, epidemiology, sociology, and therapy. Note: This course was previously listed as BIO 116.

Meeting Times: Two 72-minute periods (M-R)

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Human Anatomy and Physiology I with Lab (BIO 2101)

Description: Focuses on an integrated study of the human body including the histology, anatomy and physiology of each system. Examines molecular, cellular and tissue levels of organization plus integument skeletal, articulations, muscular, nervous and endocrine systems. Includes a mandatory hands-on laboratory experience covering experimentation, cadaver workshops,

microscopy, observations and dissection. This is the first semester of a two-semester sequence.

Note: This course was previously listed as BIO 201.

Meeting Times: Four 72-minute blocks (M/W or T/R)

Prerequisites: BIO 1111 or 1010

Designation: Arapahoe Community College

Credits: 4 college credits / 1.5 high school

Health and Wellness (HWE 1062)

Description: Explores the six components of wellness: physical, social, intellectual, spiritual, emotional, and occupational. Topics include health risks, wellness behaviors, and personal behavior change in the areas of nutrition; exercise; substance abuse; stress management; cardiovascular and cancer risk factors; the aging process; and violence, death, and dying in our society. Provides tools to complete self-assessments and develop a wellness program for a healthier lifestyle across a lifespan. Note: This course was previously listed as HWE 111.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Introduction to Chemistry I with Lab (CHE 1011 | GT-SC1)

Description: Includes the study of measurements, atomic theory, chemical bonding, nomenclature, stoichiometry, solutions, acid and base, gas laws, and condensed states.

Laboratory experiments demonstrate the above concepts qualitatively and quantitatively.

Designed for non-science majors, students in occupational and health programs, or students with no chemistry background.

Meeting Times: Four 72-minute blocks (M/W or T/R), plus two 36-minute weekly (M/W or T/R)

Prerequisites: College ready math and college ready English ACCUPLACER scores.

Designation: Arapahoe Community College

Credits: 5 college credits / 2 high school

Conceptual Physics with Lab (PHY 1105 | GT-SC1)

Description: Focuses on mechanics, heat, properties of matter, electricity and magnetism, light and modern physics. Incorporates laboratory experience.

Meeting Times: Four 72-minute blocks weekly (M-F)

Prerequisites: College Quantitative Literacy Math Scores and College Readiness in English

Designation: Arapahoe Community College

Credits: 4 college credits / 1.5 high school

Biological Anthropology with Lab (ANT 1005, GT-SC1)

Description: Focuses on the study of the human species and related organisms, and examines principles of genetics, evolution, anatomy, classification, and ecology, including a survey of human variation and adaptation, living primate biology and behavior, and primate and human fossil evolutionary history. This is a statewide Guaranteed Transfer course in the GT-SC1 category. Note: This course was previously listed as ANT 111.

Meeting Times: Two consecutive 72-minute blocks, twice a week (M-R)

Prerequisites: College readiness in English

Designation: Arapahoe Community College

Credits: 4 college credits / 1.5 high school

Environmental Science with Lab (ENV 1111 | GT-SC1)

Description: Introduces the basic concepts of ecology and the relationship between environmental problems and biological systems. This course includes interdisciplinary discussions on biology, chemistry, geology, energy, natural resources, pollution, and environmental protection. A holistic approach is used when analyzing how the foundations of natural sciences interconnect with the environment. This is a statewide Guaranteed Transfer course in the GT-SC1 category. Note: This course was previously listed as ENV 101

Meeting Times: Two consecutive 72-minute blocks, twice a week (M-F)

Prerequisite(s): College Readiness in English and Quantitative Literacy Math

Designation: Arapahoe Community

College Credits: 4 college credits / 1.5 high school

ENV 1010 Natural Disasters | GT-SC2

Description: Introduces different types of natural hazards, their causes, effects, and what can be done to reduce the risks to human populations. Scientific advances related to understanding, predicting, and preparing for natural disasters are discussed. This course also covers anthropogenic changes to Earth systems, which may be increasing the frequency and severity of these events. This is a statewide Guaranteed Transfer course in the GT-SC2 category. Note: This course was previously listed as ENV 110.

Meeting Times: Two 72-minute periods (M-R)

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

HISTORY AND SOCIAL SCIENCES

American Government

Description: Basic processes in American politics. Principles and structure of national governments.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Sophomore level class

Designation: College Prep

Credits: 0.5 high school

Interpersonal Communication (COM 1250 | GT-SS3)

Description: Examines the communication involved in interpersonal relationships occurring in family, social, and career situations. Relevant concepts include self-concept, perception, listening, nonverbal communication, and conflict. This is a statewide Guaranteed Transfer course in the GT-SS3 category. Note: This course was previously listed as COM 125.

Meeting Times: Two 72-minute blocks a week (T and R)

Prerequisite(s): ENG 1021 preferred

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Geography

Description: World Geography takes students on a journey around the world in which they will learn about the physical and human geography of various regions.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: 0.5 high school

Introduction to Entrepreneurship (high school)

Description: In this class, we will work to build a skillset to last a lifetime. Knowledge is dynamic but skills are forever. In this dynamic course, students don't just learn about business, they will develop the skills to build their own. Designed to integrate DECA's competitive framework, this course immerses students in hands-on experiences where they develop real-world business plans, craft innovative marketing strategies, and pitch ideas to industry professionals. Whether launching a startup, mastering financial literacy, or refining leadership skills, students engage in collaborative projects that mirror real-world challenges. With guest speakers, business simulations, and DECA competitions woven into the curriculum, this class empowers future entrepreneurs to think critically, take calculated risks, and turn bold ideas into reality. No matter your designated career path the ability to budget, source materials, effectively communicate ideas, create a business plan, or idea proposals will translate to future success.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: 0.5 high school

US History I

Description: United States history from founding of North American colonies to 1877 Reconstruction era.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: 0.5 high school

ACC ANT 1003 - Intro to Archeology

Description: Introduces the science of recovering the human prehistoric and historic past through excavation, analysis, and interpretation of material remains. The course provides a survey of the archaeology of different areas of the Old and New Worlds, the works of selected archaeologists, and major archaeological theories. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Note: This course was previously listed as ANT 107.

Meeting Times: Two 72-minute periods (M-R)

Prerequisite(s): College Readiness in English

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Modern World History

Description: Students will study the development of world civilizations from the time of European exploration to the twentieth century. Topics will include the Enlightenment, Imperialism, the American and European revolutions, nationalism, and the Industrial Revolution. This course meets the Genocide and Holocaust studies Colorado state requirement.

Meeting Times: One 72-minute period (M-F).

Prerequisite(s): None
Designation: College Prep
Credit: .5 high school

General Psychology I (PSY 1001 | GT-SS3)

Description: Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning, and memory. This is a statewide Guaranteed Transfer course in the GT-SS3 category. Note: This course was previously listed as PSY 101.

Meeting Times: Two 72-minute periods (M-R); 50 minutes on Fridays

Prerequisites: ENG 1021 preferred
Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

General Psychology II (PSY 1002 | GT-SS3) (Spring Only)

Description: Focuses on the scientific study of behavior including cognition, language, intelligence, psychological assessment, personality, abnormal psychology, therapy, life span development, and social psychology. This is a statewide Guaranteed Transfer course in the GT-SS3 category. Note: This course was previously listed as PSY 102.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: ENG 1021 preferred
Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Social Psychology (PSY 2221)

Description: Focuses on the behavior of humans in a wide variety of social settings and the social influences humans have on each other in those settings. This is a statewide Guaranteed Transfer course in the GT-SS3 category. Note: This course was previously listed as PSY 226.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: PSY 1001 or 1002 with a C or better; ENG 1021 or college readiness in English
Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Human Growth and Development (PSY 2440 | GT-SS3)

Description: Examines human development from conception through death, emphasizing physical, cognitive, emotional, and psychosocial factors. This is a statewide Guaranteed Transfer course in the GT-SS3 category. Note: This course was previously listed as PSY 235.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: ENG 1021 preferred
Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Psychopathology (PSY 2552 | GT-SS3)

Description: Examines abnormal behavior and its classification, causes, treatment, and prevention. This is a statewide Guaranteed Transfer course in the GT-SS3 category. Note: This course was previously listed as PSY 249.

Meeting Times: Two 72-minute blocks weekly (M/W or T/R)

Prerequisites: College readiness in English

Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Principles of Macroeconomics (ECON 2001 | GT-SS1)

Description: Focuses on the study of the American economy, stressing the interrelationships among household, business, and government sectors. Explores saving and investment decisions, unemployment, inflation, national income accounting, taxing and spending policies, the limits of the market and government, public choice theory, the Federal Reserve System, money and banking, and international trade.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: ENG 1021 preferred

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

US History since the Civil War (HIS 1220 | GT-HI1)

Description: Explores events trends, people, groups, cultures, ideas, institutions in United States History, including multiple perspectives of gender, class, and ethnicity, between the period of the American Civil War and the present. Focused on developing, practicing and strengthening the skills historians use while constructing knowledge in the discipline.

Meeting Times: One 72-minute period (T and R), twice a week.

Prerequisites: College ready English ACCUPLACER scores (required).

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

HIS 2015 20th Century History

Description: Investigates the major political, social, and economic developments, international relationships, scientific breakthroughs, and cultural trends that have shaped the various global regions, empires, and nation- states since the late nineteenth century. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category. Note: This course was previously listed as HIS 247.

Credits: 3 College/1 HS

Meeting Times: One 72-minute period (T and R), twice a week.

Prerequisite(s): College ready English ACCUPLACER scores (required).

Designation: Arapahoe Community College

Introduction to Sociology (SOC 1001 | GT-SS3)

Description: This course examines the basic concepts, theories, and principles of sociology, including topics of culture, race, class, gender, sexuality, social groups, and deviance through a local and global lens. Analyzes and interprets socio-historic as well as contemporary issues by using critical thinking skills and linking individual experiences to social structures. (GT-SS3)

Meeting Times: Two 72-minute blocks weekly

Prerequisites: College Readiness in English

Designation: Arapahoe Community College

Credits: 3 college credits/ 1 high school

Introduction to Sociology II (SOC 1002 | GT-SS3)

Description: Examines the basic concepts, theories, and principles of sociology, including topics of family, religion, education, politics, the economy, health, demography, the environment and social movements through a local and global lens. Analyzes and interprets socio-historical as well as contemporary issues by using critical thinking skills and linking individual experiences to social structures. This is a statewide Guaranteed Transfer course in the GT-SS3 category. Note: This course was previously listed as SOC 102.

Meeting Times: Two 72-minute blocks weekly

Prerequisites: College Readiness in English

Designation: Arapahoe Community College

Credits: 3 college credits/ 1 high school

American State & Local Government (PSC 1025, GT-SS1)

Description: Emphasizes the structure and function of state, county, and municipal governments including their relations with each other and with national government. Includes a study of Colorado government and politics. This is a statewide Guaranteed Transfer course in the GT-SS1 category. Note: This course was previously listed as POS 1025.

Credit: 3 college credits / 1 high school

Meeting Times: One 72-minute period T/Th.

Prerequisite(s): ENG 1021 preferred

Designation: Arapahoe Community College

ARTS AND HUMANITIES

Art Appreciation (ART 1110 | GT-AH1)

Description: Introduces the cultural significance of the visual arts, including media, processes, techniques, traditions, and terminology. Note: This course was previously listed as ART 110.

Meeting Times: Two 72-minute periods

Prerequisites: None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Music Appreciation (MUS 1020 | GT AH1)

Description: Introduces the study of music focusing on intelligent listening skills, the elements of music and their relationships, the musical characteristics of representative works and composers, common musical forms and genres of various Western, and non-Western historical style periods. This is a statewide Guaranteed Transfer course in the GT-AH1 category. Note: This course was previously listed as MUS 120.

Meeting Times: Two 72-minute periods (M-R)

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 College/1 HS

Introduction to Philosophy (PHI 1011 | GT-AH3)

Description: Introduces significant human questions and emphasizes understanding the meaning and methods of philosophy. Includes human condition, knowledge, freedom, history, ethics, the future, and religion.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: ENG 1021 preferred
Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Logic (PHI 1013, GT-AH3)

Description: Studies effective thinking using language-oriented logic. Provides tools and develops skills for creative and critical thinking and the formal analysis of arguments. Emphasizes the development of decision-making and problem-solving.~~This is a statewide Guaranteed Transfer course in the GT-AH3 category. Note: This course was previously listed as PHI 113.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: ENG 1021 preferred
Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Theatre Appreciation (THE 1005 | GT-AH1)

Description: Provides an opportunity to discover, analyze, and evaluate all aspects of the theatre experience: scripts, acting, directing, staging, history, criticism, and theory. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: None
Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Introduction to Film Art (HUM 1003 | GT-AH2)

Description: Introduces film terminology and narrative techniques to explore how film conveys meaning and to study the relationships among film form, content, and audience reception. This course emphasizes active viewing, discussion, and critical analysis of films from different cultures and eras. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

Credit: 3 college credits/ 1 high school credit Meeting Times: One 180-minute period (Friday).

Prerequisite: ENG 1021 preferred
Designation: Arapahoe Community College

World Mythology (HUM 1015, GT-AH2)

Description: Introduces an interdisciplinary approach to world mythology. The course illustrates and connects common themes in mythology to world religion, philosophy, art, literature, music, and contemporary culture using various interpretive methods. This is a statewide Guaranteed Transfer course in the GT-AH2 category. Note: This course was previously listed as HUM 115.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: ENG 1021 preferred
Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Communication and Popular Culture* (COM 1300 | GT-AH1)

Description: Introduces four key theoretical models for examining popular culture: Narrative Theory, Rhetorical Theory, Gender Theory, and Critical Race Theory. Emphasis is on popular American media texts, including books, comics/graphic novels, films, music, and television. This is a statewide Guaranteed Transfer course in the GT-AH1 category. Note: This course was previously listed as COM 130.

Meeting Times: Two 72-minute periods (M-R)

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

The Cultural History of Rock and Roll* (HUM 1020 | GT-AH1)

Description: Teaches students to read about, write about, and discuss the social history of that very broad term, "rock and roll". We explore important themes in American (and British) social and cultural history through the study of popular music, as well as to examine how popular and critical tastes are reflections of artistic, cultural, sexual, economic and ideological sensibilities at the time of its production. In order to fully understand what the culture of "rock" is all about, we critically analyze the influence of technology, ideology, class, gender, and race on various genres of music, jazz, country, rhythm and blues, techno, heavy metal, and hip hop. We also examine how rock and roll influenced (and is influenced by) other arts, particularly literature and film. Emphasis is placed on understanding the social and cultural contexts of the various music forms rather than on a rigorous understanding of the musical forms themselves. Note: This course was previously listed as HUM 220.

Meeting Times: Two 72-minute periods (M-R)

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

WORLD LANGUAGES

American Sign Language I (ASL 1121)

Description: Exposes the student to American Sign Language. Readiness activities are conducted focusing on visual/receptive skills and basic communication. Utilizes the direct experience method. Students must complete this course with a "B" or higher or pass the ASL proficiency test with a score of at least 80% or better prior to registering for ASL 1122 if planning to enroll in the Interpreter Preparation Program. Note: This course was previously listed as ASL 121.

Credits: 5 College/ 3 HS

Meeting Times: Four 72-minute blocks a week (M/W or T/R).

Prerequisite(s): ASL 1121 with a "C" or better

Designation: Arapahoe Community College

Mandarin Chinese I

Description: Mandarin Chinese I is an introductory course to the Mandarin language and the culture of China. Students will study the basic sentence structure and vocabulary dealing with everyday situations that enable them to communicate effectively in Mandarin at a basic level. Students start developing all five modalities' skills: listening, speaking (pronunciation), reading, and writing in Mandarin Chinese.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: 1 high school

Mandarin Chinese II

Description: Mandarin Chinese II is a continuation of the concepts taught in level I. Students will study the basic sentence structure and vocabulary dealing with everyday situations that enable them to communicate effectively in Mandarin. Students continue developing all five modalities' skills: listening, speaking (pronunciation), reading, and writing in Mandarin Chinese.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Mandarin Chinese I or instructor-provided fluency test on level 1.

Designation: College Prep

Credits: 1 high school

French I

Description: Level 1 introduces students to target foreign cultures and to the four basic language skills: listening comprehension, speaking, reading and writing. Students acquire skills through oral repetition, dialogues, short compositions, dictations, reading, and written exercises.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: 1 high school

French II

Description: In French II, students will build on the skills they learned in French I by expanding their vocabulary and grammar. This course uses the "Notre Histoire 1" curriculum, which follows a comprehensible input approach and focuses on understanding and engaging with meaningful stories and cultural contexts. Students will explore topics like daily life, school, travel, and traditions in French-speaking countries. This approach helps them improve their speaking, listening, reading, and writing skills. French II prioritizes conversational skills and comprehension as it helps students get ready to use their language proficiency in real-world situations.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: 1 high school

Spanish I

Description: Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: 1 high school

Spanish II

Description: Expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Integrates these skills with the study of the cultures in which the language is used. Offers a foundation in the analysis of culture and develops intercultural communicative strategies.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Spanish I

Designation: College Prep

Credits: 1 high school

Spanish III

Description: Expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Applies advanced Spanish grammar through oral and written assessment.

Integrates these skills with the study of the cultures in which the language is used, with an emphasis on effective conversational Spanish.

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Spanish II

Designation: College Prep

Credits: 1 high school

Spanish IV Conversational Spanish

Description: Provides students the skills necessary to continue their study of understanding and speaking Spanish. The material will continue to cover intermediate level conversational patterns, expressions, and grammar.

Credit: 1 High School

Meeting Times: One 72-minute period (M-F).

Prerequisite: Spanish III

Designation: College Prep.

Spanish Language I (SPA 1011)

Description: Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture. **Note:** The order of the topics and methodology will vary according to individual texts and Instructors. Note: This course was previously listed as SPA 111.

Meeting Times: Four 72-minute periods (M-R)

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 5 college credits / 2 high school

COMPUTER SCIENCE, PROGRAMING, AND CERTIFICATIONS

Δ Adobe Suite

Description: Students will learn the components of the Adobe Suite in preparation for a certification test at the end of the semester.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: None

Designation: Certification

Credit: .5 high school Pass/Fail

Δ Applied New Media (with Adobe Certification)

Description: New media refer to a communication system whereby media platforms are accessed through the Internet and used for the purpose of creating content, modifying content, and sharing information through the use of a digital device. Content is essential in modern business, and here at CECP we are aware of the importance of preparing for the world to come. This class also leads

to an Adobe certification(s). Students can earn one or more Adobe certs within the Adobe Certified Professional (Photoshop, Illustrator, InDesign, Premier Pro). You will be guided through design exercises to create a variety of projects in this course that will help you to become more comfortable with graphic design software at an introductory level.

Meeting Times: One 72-minute period (M-R).

Prerequisite(s): None

Designation: College Prep

Credit: .5 high school

Δ Certifications Lab

Description: The certification lab offers the certs for Adobe Photoshop, Illustrator, InDesign, Microsoft certifications (Word, Excel, PowerPoint, and Outlook) and Intuit Quickbooks.

Meeting Times: One 72-minute period (M-R).

Prerequisites: None

Designation: College Prep

Credits: .5 high school Pass/Fail

Δ Computer Aided Design (CAD) (Autodesk Certified User Cert)

Description: In this introduction course you will learn how to model, mockup, sketch and prototype parts. Making sketches with the advent of the three dimensional printed (3d printer) means most designs today are tested in smaller scale first, we will learn to 3d print from a SOLIDWORKS sketch. This allows the designer to be much more creative and design to specifications. CAD has evolved into a powerful design tool for manufacturing management. Many industries are looking for CAD designers/drafters. By the end of this course, you will be prepared to take the SolidWorks certification and pass the SolidWorks Exam known as "SOLIDWORKS CAD Design Associate" or (CSWA).

Meeting times: Four 72-minute periods M-R

Prerequisites: None

Designation: College Prep

Credits: .5 High School

Computer Science Foundations

Description: Computer Science Foundations (CSF) is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue. This course counts as the Level 1 course for the Computer Science Career Pathway

Meeting Times: One 72-minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: .5 high school

Δ Microsoft Applications

Description: This course will focus on modules in three areas of the Microsoft Suite: Word, Power Point, and Excel. Students will take a Certiport certification test for each of these areas, leading to a Microsoft Specialist Certification.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: None

Designation: College Prep

Credits: 0.5 high school Pass/Fail

Δ Computer Technician I: A + (CNG 1021)

Description: Provides students with an in-depth look at personal computer hardware, introduces O.S. features and security concepts, and covers interpersonal skills, all of which are necessary for a successful entry-level computer service technician position. Provides extensive hands-on work with computer systems, PC setup and configuration, and basic maintenance and troubleshooting. This course helps prepare you for the CompTIA A+ Essentials Exam. Note: This course was previously listed as CNG 121.

Credit: 4 college credits / 1.5 high school

Meeting Times: One 72-minute period T/Th.

Prerequisite(s): None

Designation: Arapahoe Community College

Δ Networking I: Network+ (CNG 1024)

Description: Provides students with the knowledge necessary to understand, identify and perform necessary tasks involved in supporting a network. Covers the vendor-independent networking skills and concepts that affect all aspects of networking, such as installing and configuring the TCP/IP. This course also prepares students for the Networking II: Network + course. Note: This course was previously listed as CNG 124.

Credit: 3 college credits / 1 high school

Meeting Times: Two 72-minute periods

Prerequisite(s): None

Designation: Arapahoe Community College

Δ Networking II: Network + (CNG 1025)

Description: Continues to provide students with the knowledge necessary to implement and support a network. Focuses on the vendor-independent networking skills and concepts that affect all aspects of networking. The Networking I and II: Network + courses prepare students for the Network + certification. Note: This course was previously listed as CNG 125.

Credit: 3 college credits / 1 high school

Meeting Times: Two 72-minute periods

Prerequisite(s): CNG 1024

Designation: Arapahoe Community College

COLLEGE AND CAREER READINESS

Freshmen Advisory

Description: This course is designed to help students develop strategies and skills necessary for a successful career at CEC. Topics include adjusting to college, setting academic goals, managing time and keeping organized, learning and studying in college, using on-campus support services, social and emotional wellbeing, college exploration, and accessing CEC and ACC computer technology. Throughout the course, students will use critical thinking skills to make informed choices, to understand their responsibilities for academic success, and to become independent, motivated learners.

Meeting Times: Four 36-minute periods weekly (M-R) and 25 minutes on Friday

Prerequisites: None

Designation: College Prep

Credits: 0.25 high school

Workforce Readiness

Description: This course will emphasize and study character as an avenue for success in post-secondary education or the workforce, equipping students with the necessary executive skills critical in decision making and appropriate behavior, improving relationships through an immersive social environment, motivating students to define their future and their place in society through goal setting and visualization and to be a positive role model and provide a catalyst for student success and achievement.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: Junior or Senior preferred (career pathway preferred)

Designation: College Prep

Credits: 0.5 high school

Work-Based Learning

Course Description: Internships, Paid Work, On the Job Training, or Apprenticeships that align with ICAP goal. Students must complete a minimum of 60 hours of work experience within the semester. Students are required to meet weekly with the WBL Coordinator and submit the number of hours worked each week.

Designation: College Prep

Credit Type: Elective

Credits: 0.50 for 60 hours or 1.0 for 120 hours of work experience

Capstone

Course Description: This course is for students developing a Capstone Project, a multifaceted body of work that is school determined and serves as a culminating academic and intellectual experience for students. Capstone projects could include a portfolio of the student's best work –curriculum or research-based; feature a set of experiments organized around a central problem; and/or showcase a community service project or learning activity. Must be approved by Head of School.

Designation: College Prep

Credit Type: Elective

Credits: 0.50

Independent Study

Course Description: Independent study allows the student to explore a topic of interest under the close supervision of a faculty or staff member. The course may include directed readings, pursuing an industry certification, applied work, assisting an instructor with a research project,

carrying out an independent research project, or other activities deemed appropriate. Must be approved by Head of School.

Designation: College Prep

Credit Type: Elective

Credits: 0.50

Advanced Academic Achievement (AAA 1009)

Description: Examines theories and practices associated with successful learning to enhance college success. Techniques covered include academic proficiency, personal management, effective collegiate communication, critical and creative thinking, development of community, awareness of diverse identities, and educational and career planning.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: Junior or Senior preferred (university pathway preferred)

Designation: Arapahoe Community College

Credits: 3 college credits /1 high school

STUDENT SUPPORT

Academic Integrations

Description: This support class is meant to bolster and increase students' executive functioning, goal setting, and prioritization of course work. Students will have an opportunity to set and achieve goals.

Meeting Times: One 72-minute period, twice a week (M-R).

Prerequisite(s): None

Credits: .25 Pass/Fail; no GPA weight

English Content Lab

Description: English Content Lab emphasizes practicing reading comprehension skills and strengthening writing skills. Our work in the lab will be based on the learning objectives of English 060, 090, 099, or 1021.

Meeting Times: Several options for meetings 36-minute period (M-F)

Prerequisites: None

Designation: College Prep

Credits: 0.25 high school

Gifted Seminar

Description: The enrichment class is a course delivered through our Exceptional Student Services Unit for students who have been identified as gifted and talented. The student is currently on an ALP and may want supplementary time to take a more expansive or in-depth look at a concept or topic, perhaps by further research, approaching it with a different lens or perspective, or connecting the subject to a more meaningful or rewarding facet of the real world. This course is available for students who would benefit from time in their educational day to accomplish their goals, and/or support for their unique social-emotional needs.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: Student must be on an ALP

Designation: College Prep

Credits: 0.5 high school Pass/Fail; no GPA weight

Gifted Seminar II

Description: This enrichment class is a course delivered through our Exceptional Student Services Unit for students who have been identified as gifted and talented or are in the process AND have already completed the first course of the Gifted Seminar sequence. This class is designed to let the students take the lead in their continued exploration of giftedness and how it impacts their lives inside and outside of school. Students will: design and execute a personal project, collaboratively design and execute a group project to solve a community need and will make decisions as to what the course calendar will look like while justifying their ideas in the lens of growing as gifted learners. Students will leave this class better equipped to handle the autonomy and uncertainty that can often be uncomfortable for gifted teenagers entering the adult world. This course can be repeated multiple semesters as the groups and projects will be different each time.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: Student must be on an Advanced Learning Plan or be in process for one (Talent Pool) AND have completed Gifted Seminar I

College Prep Credits: 0.5 high school Pass/Fail; no GPA weight

Math Content Lab

Description: Develops and solidifies the foundation skills. Includes first-degree equations, inequalities, formulas, polynomials, factoring polynomials, solving quadratic equations by factoring, graphing linear equations, and applications. Algebraic fractions and systems of linear equations may be included.

Meeting Times: Several options for meetings 36-minute period (M-F)

Prerequisites: none

Designation: College Prep

Credits: 0.25 high school

Resource Lab A

Description: The resource class is a course delivered through our special education program for students who have been identified as a student with a disability. The student is currently on an IEP and may need specialized supplementary instruction in an individual or small group setting for part of the day. This course is available for students who would benefit from time in their educational day to accomplish their goals, and support for working on executive functioning. Students will also have an opportunity to take an active part in their education plan through knowledge of strengths and needs and by learning to advocate for themselves. There are 3 options for resource lab class times, depending on need. These courses are listed as A (2 days a week), B (3 days a week), and C (5 days a week).

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: Student must be on an IEP

Designation: College Prep

Credits: .5 high school

Resource Lab B

Description: The resource class is a course delivered through our special education program for students who have been identified as a student with a disability. The student is currently on an IEP and may need specialized supplementary instruction in an individual or small group setting for part of the day. This course is available for students who would benefit from time in their educational day to accomplish their goals, and support for working on executive functioning.

Students will also have an opportunity to take an active part in their education plan through knowledge of strengths and needs and by learning to advocate for themselves. These courses are listed as A (2 days a week), B (3 days a week), and C (5 days a week).
Meeting Times: Two 72-minute periods (M-R); 50-minute period (F)

Prerequisites: Student must be on an IEP
Designation: College Prep
Credits: .5 high school

Resource Lab C

Description: The resource class is a course delivered through our special education program for students who have been identified as a student with a disability. The student is currently on an IEP and may need specialized supplementary instruction in an individual or small group setting for part of the day. This course is available for students who would benefit from time in their educational day to accomplish their goals, and support for working on executive functioning. Students will also have an opportunity to take an active part in their education plan through knowledge of strengths and needs and by learning to advocate for themselves. These courses are listed as A (2 days a week), B (3 days a week), and C (5 days a week).
Meeting Times: Four 72-minute periods (M-R); 50-minute period (F)

Prerequisites: Student must be on an IEP
Designation: College Prep
Credits: .5 high school

ELECTIVES

Drawing I (ART 1201)

Description: Investigates the various approaches and media that students need to develop drawing skills and visual perception. Note: This course was previously listed as ART 121.
Meeting Times: One 72-minute period T/Th
Prerequisites: None
Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Painting I (ART 1301)

Description: Explores basic techniques, materials, and concepts used in opaque painting processes in oil or acrylic painting to depict form and space on a two-dimensional surface.
Meeting Times: One 160-minute period (Fridays)
Prerequisites: None
Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Survey of Studio Art

Description: Students are introduced to the rigor and routine of the art production process including: planning, producing, and reflecting on art. With an emphasis on studio arts, students explore a wide range of 2D and 3D media, skills and techniques. Projects may include but not be limited to drawing, painting, mixed media, pottery, and sculpture. Students develop technical skills, foster their expressive abilities, and employ the use of the elements of art throughout the production process.

Meeting Times: Four 72-minute periods (M-R)

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school

Introduction to Entrepreneurship (ENP 1005)

Description: Explores the business skills, personality traits, and commitment necessary to successfully plan, launch, and grow an entrepreneurial venture. This course will cover the challenges and rewards of entrepreneurship. This course will cover the role of entrepreneurial businesses in the United States and the world and their impact on our national and global economy. Note: This course was previously listed as ENP 105.

Credit: 3 college credits / 1 high school

Meeting Times: Two 72-minute periods

Prerequisite(s): None

Designation: Arapahoe Community College

Ensemble I (MUS 1051)

Description: First year, first term. Rehearses and performs various types of musical literature.

Note: This course was previously listed as MUS 151.

Meeting Times: One 72-minute period T/Th

Prerequisites: None

Designation: Arapahoe Community College

Credits: 1 college credits / .25 high school

Ensemble II (MUS 1052)

Description: Rehearses and performs various types of musical literature. First year, second term.

Note: This course was previously listed as MUS 152.

Credit: 1 college credits / .5 high school

Meeting Times: Two 72-minute periods

Prerequisite(s): None

Designation: Arapahoe Community College

Computer Music Applications I (MUS 1061)

Description: Introduces audio signal flow, Digital Audio Workstation (DAW), current computer music software, digital audio practices, Musical Instrument Digital Interface (MIDI) sequencing, and audio for video. Note: This course was previously listed as MUS 161.

Credit: 3 college credits / 1 high school

Meeting Times: Two 72-minute periods

Prerequisite(s): None

Designation: Arapahoe Community College

Δ Introduction to Business (BUS 1015)

Description: Focuses on the operation of the American business system. Covers fundamentals of the economy, careers and opportunities, marketing, management, production, governmental regulations, tools of business and social responsibilities.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: College ready English ACCUPLACER scores preferred.

Designation: Arapahoe Community College
Credits: 3 college credits / 1 high school

Legal Environment of Business (BUS 2016)

Description: Emphasizes public law, regulation of business, ethical considerations, and various relationships existing within society, government, and business. Specific attention is given to economic regulation, social regulation, labor-management issues, environmental issues, and contract fundamentals. This course analyzes the role of law in social, political, and economic change business environments. Note: This course was previously listed as BUS 216.

Meeting Times: One 72-minute period T/Th

Prerequisites: None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Business Communications and Report Writing (BUS 2017)

Description: Emphasizes effective business writing and covers letters, memoranda, reports, application letters, and resumes. Includes the fundamentals of business communication and an introduction to international communication. Note: This course was previously listed as BUS 217.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Public Speaking (COM 1150)

Description: Combines the basic theories of communication with public speech performance skills. Emphasis is on speech preparation, organization, support, audience analysis, and delivery.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Drones I

Description: This course introduces students to rules and regulations required for them to pass the UAS Remote Pilot Certification. Students will also have the opportunity to have hands-on experience piloting a drone. Topics include but are not limited to: Certification Pathway, Drone Theory and Aeronautics, Regulations and Operating Rules, Airspace Classification, Weather, sUAS Loading and Performance, Crew Management, Radio Communications, Airport Operations, and Maintenance and Inspection Procedures.

Meeting Times: Four 72-minute periods (M-R); 50 minutes on Fridays

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school

Δ Drones II

Description: This course continues to reinforce rules and regulations required for them to pass the UAS Remote Pilot Certification. Students will also have the opportunity to have hands-on experience piloting a drone. Topics include but are not limited to: Certification Pathway, Drone Theory and Aeronautics, Regulations and Operating Rules, Airspace Classification, Weather,

sUAS Loading and Performance, Crew Management, Radio Communications, Airport Operations, and Maintenance and Inspection Procedures. In Drones II, students will have the opportunity to take and pass their FAA Drone Certification.

Meeting Times: Four 72-minute periods (M-R); 50 minutes on Fridays

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school

Physical Education

Description: Physical Education provides students with the knowledge, experience, and opportunities to participate in individual/dual sports, team sports, lifetime and recreational sports, and fitness-based activities. This class emphasizes moving, participating, being fit, playing fairly and valuing physical activity.

Meeting Times: Four 72-minute periods M-R; 50 minutes on Fridays

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school Pass/Fail

PTE 1010 - Intro to Behavioral Healthcare and Wellness

Description: Explores basic principles of behavioral health and wellness care in behavioral health settings. This course develops interpersonal and technical skills while working with clients in psychiatric care settings.

Meeting Times: Two 72-minute periods (M-R)

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Introduction to Health Sciences

Description: This one semester introductory Health Science course provides an overview of the challenging environments and occupations in the healthcare field. Students are provided a hands-on application of the foundational skills/knowledge including health maintenance, employability skills, teamwork, healthcare systems, communications, and legal issues in healthcare. This course includes preparation for Basic Life Support Certification (BLS) which includes CPR and AED.

Meeting Times: Four 72-minute periods M-R.

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school

Robotics I

Description: Robotics is a high school level course for students who are interested in the design, engineering, and programming of robots. This is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, documenting in an engineering notebook and focusing on the construction and programming of mobile robots. Students will work in various groups to document, build, program and test increasingly more complex mobile robots, culminating in an end-of-semester robot contest. The robotics platform that we will use is the VEX Robotic Design System. This course helps prepare students for a Scrum certificate earned in Robotics II.

Meeting Times: Four 72-minute periods M-R; 50 minutes on Friday.

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school

Theater

Description: This course is a combination of a survey of theater and a full production of a Shakespeare play. Students will learn and be involved with all aspects of putting on a play including, but not limited to: acting, singing, costume designing and building, props defining and collecting, sets designing and building, technical crew, auditions, and rehearsal process. In addition, students will learn about theater history, theory and criticism.

Meeting Times: Four 72-minute periods M-R.

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school

Acting I (CCA THE 1011)

Description: Covers basic acting techniques and approaches including scene study, improvisation, and script analysis. It includes practical application through classroom performance.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: None

Designation: Community College of Aurora

Credits: 3 college credits / 1 high school

Acting II (CCA THE 1012)

Description: Continues to explore basic acting techniques and approaches, including scene study, improvisation, and intermediate script analysis. Includes practical application through classroom and showcase performances.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: THE 1011 Acting I

Designation: Community College of Aurora

Credits: 3 college credits / 1 high school

Theater Production II (CCA THE 1032)

Description: Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: None

Designation: Community College of Aurora

Yearbook

Description: Provides students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, etc.) or may focus on a single aspect while producing the publication.

Meeting Times: Two 72-minute periods (M-R)

Prerequisites: None
Designation: College Prep
Credits: 0.5 high school

Wellness

Description: Provides information on wellness (both physical and mental/emotional health) and serves as a guide to design, implement, and evaluate a complete wellness program. Students will learn techniques to maintain physical, nutritional, and mental/emotional wellness through positive habit formation.

Meeting Times: One 70-minute period once a day, (M-R).

Prerequisite(s): None

Designation: College Prep.

Credit: .5 high school

Homework Expectations

For every hour of college prep class time, students should expect an average of half an hour of homework.

E.g., A student taking 6 hours of college prep classes a day should expect an average of 3 hours of homework a night or 15 hours of homework per week.

Students should expect an average of 2-3 hours of homework per college credit per week.

Students should expect a heavier workload for classes with 4 or 5 credit hours.

E.g., A student taking four 3 credit hour college classes (12 credits total) should expect an average of 24-36 hours of studying per week.

College Math Pre-Requisites:

*****Note: For Quantitative Math** (i.e., Math for Liberal Arts (MAT 1240), Intro to Statistics (1260), Technical Math (MAT 1150), Integrated Math I/II (MAT 1220/1230)), students can place into these classes with ONE of the following:

Cumulative GPA of 3.0+

PSAT10, SAT Math 500

ACT Math 19

GPA of 2.6 – 2.99 and a B or better in a previous Math class (see attached guide for classes)

Accuplacer QAS: 240 or Accuplacer: AAF 245

*****Note: For Algebraic Math** (i.e., Finite Mathematics (MAT 1320) and College Algebra (MAT 1340)), students can place into these classes with ONE of the following:

Cumulative GPA of 3.0+

PSAT10, SAT Math 560

ACT Math 23

GPA of 2.6 – 2.99 and a B or better in a previous Math class (see attached guide for classes)

Accuplacer: AAF 245

Δ Certifications and their Courses

Microsoft Applications: Microsoft Expert (3 or more certifications required)

Adobe: Choose from several certifications—see course description

Applied New Media: Choose from several certifications—see course description

Drones I and Drones II: FAA Drone Certification

Computer Aided Design: Solidworks Associate Certification

BUS 1015: Entrepreneurial Small Business Certification (ESB)

Cert Lab: choose from one or more of the following certs—Microsoft Expert, Adobe, QuickBooks, and ESB.

CNG 1021 Computer Technician I: A+ Cert, Core I

CNG 1022 Computer Technician II: A+ Cert, Core II

CNG 1024 Network I: Network + Cert

CNG 1025 Network II: Network+ Cert