



COURSE CATALOG

FALL 2026

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. – 3:10 p.m. Monday through Friday for their assigned courses. All courses are semester-long courses.

Although CECDC 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.

Graduation Requirements

The CEC Governing Board has established the following graduation requirements for all students. The minimum requirement of 20 credits in the categories listed below will result in a high school diploma. All students must earn an associate degree, postsecondary credential, or at least 60+ college credits in addition to meeting the high school graduation requirements to be awarded a CEC diploma.

ENGLISH:

❖ 4 credits

- Completion of an Associate of Applied Science degree waives this requirement.

MATH:

❖ 3 credits

- Completion of an Associate of Applied Science degree waives this requirement.

SCIENCE:

❖ 2 credits

- Laboratory classes in science must meet both process and content standards.
- Required classes must be natural/physical science courses including but not limited to biology, chemistry, physics, astronomy, geology, and environmental science.
- Completion of an Associate of Applied Science degree waives this requirement.

SOCIAL SCIENCES:

❖ 2 credits

- Social Science credit includes the satisfactory completion of a civics/government course that encompasses information on both the history and culture of the United States and State of Colorado (C.R.S 22-1-104).
- Students must also take a course that incorporates the new academic standards on Holocaust and Genocide studies as stated in Colorado Law (HB20-1336).

ACADEMIC ELECTIVES:

❖ 9 credits

- Electives include the fine arts, technology, career and technical education, capstone, independent study, work- based learning, physical education, and core content electives in English, math, science, social studies, and world languages.
- World language is highly encouraged for any student intending to continue their education at a four-year university. Students may also pursue the attainment of a Seal of Biliteracy at graduation in accordance with Colorado Senate Bill 17-123.
- Electives must include a minimum of one .5 credit college/career readiness course. The successful completion of a 1000 level college course in English and math satisfies HEAR requirements and thus meets CEC graduation requirements only in English and math regardless of credits.

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 – p. 6

- English Foundations
- Literature and Analysis
- English and Composition
- ACC ENG 1021 - English Composition I
- ACC ENG 1022 - English Composition II
- ACC ENG 2021 - Creative Writing
- ACC COM 1150 – Public Speaking

MATH – p. 8

- Pre-Algebra
- Algebra I, accelerated
- Algebra I A
- Algebra I B
- Geometry
- Algebra II, accelerated
- Algebra II A
- Algebra II B
- Financial Literacy
- ACC MAT 1260 - Introduction to Statistics
- ACC MAT 1340 - College Algebra
- ACC MAT 1440 - Pre-Calculus
- ACC MAT 2410 - Calculus I

SCIENCE – p. 11

- Earth Science w/ Lab
- Astronomy w/ lab
- Biology w/ lab
- Anatomy & Physiology
- Chemistry w/ lab
- Advanced Science Seminar
- ACC BIO 1111 - General Biology with Lab
- ACC CHE 1011 – Intro to Chemistry I with Lab
- ACC ANT 2315 - Intro to Forensic Anthropology w/ Lab
- ACC ENV 1010 - Natural Disasters

HISTORY AND SOCIAL SCIENCE – p. 14

- American Government
- Psychology
- US History II
- Modern World History
- Economics
- ACC ANT 1003 - Intro to Archeology
- ACC COM 1250 - Interpersonal Communication
- ACC HIS 1220 - US History since the Civil War
- ACC HIS 2015 - 20th Century World History
- ACC PSC 1025 - American State and Local Government
- ACC PSY 1001 - General Psychology I
- ACC PSY 2440 - Human Growth and Development
- ACC PSY 2552 – Psychopathology

ARTS AND HUMANITIES – p. 18

- ACC HUM 1003 - Introduction to Film Art
- ACC HUM 1015 – World Mythology*
- ACC MUS 1020 - Music Appreciation
- ACC THE 1005 - Theater Appreciation
- ACC COM 1300 - Communication and Popular Culture*
- ACC ENG 2021 - Creative Writing (AH1)

WORLD LANGUAGES – p. 20

- Spanish I
- Spanish II
- RRCC ASL 1121 - American Sign Language I

COLLEGE AND CAREER READINESS – p. 21

- Workforce Readiness
- ACC AAA 1009 - Advanced Academic Achievement

COMPUTER SCIENCE, TECHNOLOGY, AND CERTIFICATIONS – p. 22

- Certification Lab
- Drones I
- Robotics I
- ACC CIS 1018 Introduction to PC Applications

ELECTIVES – p. 23

- Foundations of Artificial Intelligence
- Principles of Marketing
- Theater
- Student Council
- Survey of Studio Art
- Yearbook
- ACC ART 1201 - Drawing I
- ACC ART 1301 - Painting I
- ACC BUS 1015 - Introduction to Business
- ACC BUS 1016 – Personal Finance
- ACC BUS 2017 - Business Communications and Report
- HUM 1020 – History of Rock & Roll
- ACC MUS 1051 - Ensemble I
- ACC MUS 1052 - Ensemble II
- ACC MUS 1061 – Computer Music Applications I
- ACC MUS 2051: Ensemble I
- ACC BEH 1001 – Mental Health Crisis and Intervention: Preparedness and Empathy
- ACC PTE 1010 - Intro to Behavioral Healthcare and Wellness
- CCA THE 1031 – Theater Production I

STUDENT SUPPORT – p. 28

- 9th grade Instructional Support
- 10th grade Instructional Support
- English Language Development
- Gifted Seminar
- Math Content Lab
- Resource Lab
- Skills Support

Course Descriptions

ENGLISH

English Foundations

Description: This accelerated course emphasizes critical thinking as students explore writing and reading for specific purposes and audiences. Students develop skills required for college-level writing and reading while reviewing paragraph structure and focusing on essay development. Students will also apply strategies for improving comprehension, developing vocabulary, and increasing non-fiction reading comprehension. Note: This course was previously listed as English 090

Prerequisite(s): None

Designation: College Prep

Credits: 1 high school

Literature and Analysis

Description: This course introduces students to the study of literature and academic writing through an integrated approach that emphasizes critical thinking, interpretation, and composition. Students will read and analyze a variety of literary genres including short stories, poetry, drama, and novels while exploring how authors use language, structure, and style to convey meaning. Writing assignments will focus on analytical and interpretive essays, requiring students to develop clear arguments supported by textual evidence. Emphasis will be placed on applying literary terminology, organizing ideas effectively, and practicing revision strategies to strengthen clarity and coherence. By the end of the course, students will have a deeper understanding of literary analysis and improved proficiency in academic writing. Note: This course was previously listed as English 095

Prerequisite(s): English Foundations and/or appropriate ACCUPLACER scores

Designation: College Prep

Credits: 1 high school

English and Composition

Description: This course serves as the culmination of college preparatory English skills and is designed to help students become independently capable of college level communication and critical thinking. Students will refine their abilities in critical reading, analysis, and evaluation through engagement with a variety of 5 nonfiction texts. Writing instruction will emphasize intentional choices in composing effective essays across multiple genres. By the end of the course, students will demonstrate mastery of analytical reading and academic writing, preparing them for the rigor of college coursework. Note: This course was previously listed as English 099

Prerequisite(s): Literature & Analysis and/or appropriate ACCUPLACER scores

Designation: College Prep

Credits: 1 high school

ACC – ENG 1021 English Composition I (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.

Prerequisite(s): Literature & Analysis and English & Composition (preferred) and college ready in English

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – ENG 1022 English Composition II (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.

Prerequisite(s): English Composition I (ENG 1021)

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC ENG 2021 Creative Writing (AH1)

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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC COM 1150 Public Speaking

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

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

MATH

Pre-Algebra

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. Note: This course was previously listed as Pre-Algebra 060

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school

Algebra I (A and B)

Description: Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data. Note: This course was previously listed as Algebra I 090

A (.5 HS): High School Algebra I A is the first part of a comprehensive course designed to introduce students to fundamental algebraic concepts and techniques. Through a combination of theoretical lessons, problem-solving exercises, and practical applications, students will develop a solid foundation in algebraic skills necessary for success in higher-level mathematics courses and real-world problem-solving scenarios. Note: This course was previously listed as Algebra I 090 A

Prerequisite(s): Pre-Algebra and/or appropriate ACCUPLACER scores

Designation: College Prep

Credits: .5-1 high school

B (.5 HS): High School Algebra I B continues the exploration of fundamental algebraic concepts introduced in Part A, focusing on more advanced topics and applications. Through interactive lessons, problem-solving activities, and real-world examples, students will deepen their understanding of algebraic principles and further develop their mathematical reasoning and problem-solving skills. Note: This course was previously listed as Algebra I 090 B

Prerequisite(s): Algebra I A and/or appropriate ACCUPLACER scores

Designation: College Prep

Credits: .5-1 high school

Geometry

Description: Students identify geometric figures, apply reasoning to make conjectures, and prove theorems. Course emphasizes interpreting data from graphs and discovering concepts through exploration and creation. mathematics.

Prerequisite(s): Algebra I B or Algebra I and/or appropriate ACCUPLACER scores

Designation: College Prep

Credits: 1 high school

Algebra II (A and B)

Description: Algebra II courses emphasize problem solving. Course activities include operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher-degree equations; exponential functions; inverse functions; statistical modeling; modeling linear and quadratic data; and operations with rational and irrational exponents. The Algebra II accelerated course is accelerated to one semester. Algebra II A and B is a more traditional, year-long Algebra II course. Note: This course was previously listed as Algebra II 099; Algebra II 099 A; Algebra II 099 B

Prerequisite(s): Algebra I & Geometry and/or appropriate ACCUPLACER scores

Designation: College Prep

Credits: .5-1 high school

Financial Literacy

Description: Surveys the basic financial needs of individuals and introduces tools for developing a successful personal financial plan. Emphasizes budgeting, saving, borrowing, investing, insurance, taxes, career, retirement, and estate planning. *This course meets the Financial Literacy Colorado state requirement.*

Prerequisite(s): None

Designation: College Prep

Credits: 1 high school

ACC - MAT 1260 Introduction to Statistics (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.

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

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – MAT 1340 College Algebra (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.

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

Designation: Arapahoe Community College

Credits: 4 college credits / 1.5 high school

ACC - MAT 1440 Pre-Calculus (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.

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

Designation: Arapahoe Community College

Credits: 5 College, 2.5 High School

ACC - MAT 2410 Calculus I (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.

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

Designation: Arapahoe Community College

Credits: 5 college credits / 2 high school

SCIENCE

Astronomy w/ Lab

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.

Prerequisite(s): None

Designation: College Prep

Credit: 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.

Prerequisite(s): None

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.

Prerequisite(s): Earth Science preferred

Designation: College Prep

Credits: 1 high school

Anatomy & Physiology w/ Lab

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.

Prerequisite(s): HS Biology preferred

Designation: College Prep

Credit: 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.

Prerequisite(s): Biology and Algebra I preferred (can be enrolled concurrently)

Designation: College Prep Credits: 1 high school

Advanced Science Seminar

Description: This pass/fail course is designed to bridge the gap between high-school and college science courses. Each student will pick a discipline to focus on (Physics, Chemistry, Biology, Anatomy/Medical) and the science department collaborates as a team to provide students with the opportunity to build upon what they already learned in the high-school course with the purpose of giving students a leg-up when they take their college-level courses. The goal is to explore science at a deeper level in a low-stress environment.

Prerequisite(s): None

Designation: College Prep

Credits: 0.5 high school Pass/Fail

ACC – ANT 2315 Intro to Forensic Anthropology with Lab (GT-SC1)

Description: Covers the basic principles of forensic anthropology, an applied field within the discipline of biological anthropology. The course includes the study of the human skeleton, practical application of biological anthropology and archaeology, and judicial procedure, as they relate to the identification of human remains within a medico-legal context. This is a statewide Guaranteed Transfer course in the GT-SC1 category. Note: This course was previously listed as ANT 212.

Prerequisite(s): College readiness in English

Designation: Arapahoe Community College

Credits: 4 college credits / 1.5 high school

ACC - BIO 1111 General College Biology with Lab (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.

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

Designation: Arapahoe Community College

Credits: 5 college credits / 2 high school

ACC - CHE 1011 Introduction to Chemistry I with Lab (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.

Prerequisite(s): College ready math and college ready English ACCUPLACER scores.

Designation: Arapahoe Community College

Credits: 5 college credits / 2 high school

ACC – 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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

HISTORY AND SOCIAL SCIENCES

American Government

Description: Students will study the history and civil government of the United States and of the state of Colorado. Topics include the history and contents of the Constitution, the functions of the three branches of government, structure of Colorado's government, and key events in Colorado history. Students will also discuss current events at the national and local levels. *This course meets the Colorado civics graduation requirement.*

Prerequisite(s): None

Designation: College Prep

Credits: 1 high school

Psychology (high school)

Description: High school psychology is a survey course which serves as a broad overview of psychology as a scientific discipline that involves internal and external forces of the mind and body. In this course we will explore, define, and explain basic psychological concepts. We will establish psychology as a science and not pseudo-science. It will touch upon valid and reliable research vs. popular psychology. Because psychological science relies on empirical evidence which adapts as new data develop, we will explore the differences between objective and subjective experimental methods such as quantitative, qualitative, and mixed methods from a 30,000 ft. perspective. The course will apply psychological principles to personal growth and other aspects of everyday life. Psychological, biological, social, and cultural factors influence behavior and mental processes. Our perceptions and biases filter our experiences of the world through an imperfect personal lens. As we apply various psychological principles, these can change our lives, organizations, and communities in positive ways.

Prerequisite(s): None

Designation: College Prep

Credits: 0.5 high school

US History II

Description: Description: United States History II explores American history from Reconstruction – 1865 to the recent past. A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy. *This course meets the Genocide and Holocaust studies Colorado state requirement.*

Prerequisite(s): None

Designation: College Prep

Credits: 0.5 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.*

Prerequisite(s): None

Designation: College Prep

Credit: .5 high school

Economics

Description: Students will be introduced to the basics of economic principles, and they will learn the importance of understanding different economic systems. They will also investigate how to think like an economist. Students will explore different economic systems, including the American Free Enterprise System, and they will analyze and interpret data to understand the laws of supply and demand. Students will also be presented with economic applications in today's world, **including a unit on financial literacy.** From economics in the world of business, money, banking, and finance, students will see how economics is applied both domestically and globally. Students will also study how the government is involved in establishing economic stability in the American Free Enterprise System as well as the how the U.S. economy has a global impact. *This course meets the Financial Literacy Colorado state requirement.*

Prerequisite(s): None

Designation: College Prep

Credits: 0.5 high school

ACC – COM 1250 Interpersonal Communication (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.

Prerequisite(s): ENG 1021 preferred

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – ANT 1003 Intro to Archeology (GT SS3)

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.

Prerequisite(s): College Readiness in English

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – PSY 1001 General Psychology I (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.

Prerequisite(s): ENG 1021 preferred

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC - PSY 2440 Human Growth and Development (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.

Prerequisite(s): ENG 1021 preferred

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – PSY 2552 Psychopathology (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.

Prerequisite(s): College readiness in English

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC - HIS 1220 US History since the Civil War (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. *This course meets the genocide & holocaust graduation requirement.*

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

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC - HIS 2015 20th Century History (GT HI1)

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. *This course meets the genocide & holocaust graduation requirement.*

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

Designation: Arapahoe Community College

Credits: 3 college credits/1 high school

ACC – PSC 1025 American State & Local Government (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. *This course meets the statewide civics graduation requirement.*

Prerequisite(s): ENG 1021 preferred

Designation: Arapahoe Community College

Credit: 3 college credits / 1 high school

ARTS AND HUMANITIES

ACC – MUS 1020 Music Appreciation (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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 College/1 HS

ACC - THE 1005 Theatre Appreciation (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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC - ENG 2021 Creative Writing (GT-AH1)

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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC - COM 1300 Communication and Popular Culture (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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC - HUM 1003 Introduction to Film Art (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.

Prerequisite: ENG 1021 preferred

Designation: Arapahoe Community College

Credit: 3 college credits / 1 high school credit

ACC – HUM 1015 World Mythology (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.

Prerequisite(s): ENG 1021 preferred

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

WORLD LANGUAGES

RRCC – ASL 1121 American Sign Language

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.

Prerequisite(s): None

Designation: Red Rocks Community College

Credits: 5 college credits / 2 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.

Prerequisite(s): 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.

Prerequisite(s): Spanish I

Designation: College Prep

Credits: 1 high school

COLLEGE AND CAREER READINESS

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.

Prerequisite(s): Junior or Senior preferred (career pathway preferred)

Designation: College Prep

Credits: 0.5 high school

ACC – AAA 1009 Advanced Academic Achievement

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.

Prerequisite(s): Junior or Senior preferred (university pathway preferred)

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

COMPUTER SCIENCE, TECHNOLOGY, AND CERTIFICATIONS

Δ Certification Lab

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

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school Pass/Fail

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.

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.

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school

ACC – CIS 1018 Introduction to PC Applications

Description: Introduces basic computer terminology, file management, and PC system components. Provides an overview of office application software including word processing, spreadsheets, databases, and presentation graphics. Includes the use of a web browser to access the Internet. Note: This course was previously listed as CIS 118.

Prerequisite(s): None

Designation: Arapahoe Community College

Credit: 3 college credits / 1 high school

ELECTIVES

Foundations of Artificial Intelligence

Description: This course introduces students to the core concepts of artificial intelligence with a focus on practical and responsible use. Students learn the basics of how AI systems work and develop skills in prompt engineering to communicate effectively with AI tools. The course emphasizes ethical decision-making, including understanding bias, privacy concerns, and the social impacts of AI. Students also examine the risks and potential dangers of AI, such as misinformation and unsafe use. By the end of the course, students will be able to think critically about AI, use it responsibly, and recognize when human judgment is essential.

Prerequisite(s): None

Designation: College Prep

Credits: 0.5 high school

Principles of Marketing (Now embedded with the DECA Club!)

Description: This foundational course introduces students to the dynamic world of business and marketing. Designed for those exploring career pathways in business, marketing, entrepreneurship, finance, and public administration, the course covers essential concepts.

Business fundamentals, marketing principles, and consumer behavior are studied throughout the course as students engage in hands-on projects, case studies, and collaborative activities that simulate real business challenges. This practical approach ensures that students not only grasp theoretical concepts but also be confident in applying them. Students will earn an industry certification through this class as well as be introduced to DECA, a Career and Technical Student Organization that offers opportunities for leadership development, networking, and participation in business-related competitions. **Note:** There is a \$30 DECA fee for school-wide participation. Additional competitions outside of school (optional) may require additional participation fees.

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school elective

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.

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school

Student Council

Description: Student Council is a leadership and school spirit course in which students plan, organize, and support major school events and activities. Members collaborate to promote a positive school culture while building skills in communication, teamwork, and project management. Responsibilities include assisting with Homecoming, Prom, the Sadie Hawkins Dance, Wish Week, spirit weeks, assemblies, and other schoolwide events. Students are expected to participate actively, represent the student body, and contribute to creating an inclusive and engaging school environment.

Meeting Times: Three 90-minute periods weekly M-F

Prerequisite(s): None

Designation: College Prep

Credits: 0.5 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.

Prerequisite(s): None

Designation: College Prep

Credits: .5 high school

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.

Prerequisite(s): None

Designation: College Prep

Credits: 0.5 high school

ACC – ART 1201 Drawing I

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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – ART 1301 Painting I

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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – BUS 1015 Introduction to Business

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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – BUS 1016 Personal Finance

Description: Surveys the basic personal finance needs of most individuals and introduces personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes. Note: This course was previously listed as BUS 116.

Prerequisite(s): None

Designation: College

Credits: 3 college credits / 1 high school

ACC – BUS 2017 Business Communications and Report Writing

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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – HUM 1020 The Cultural History of Rock and Roll

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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – MUS 1051 Ensemble I

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

Note: This course was previously listed as MUS 151.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 1 college credits / .5 high school

ACC – MUS 1052 Ensemble II

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

Note: This course was previously listed as MUS 152.

Prerequisite(s): None

Designation: Arapahoe Community College

Credit: 1 college credits / .5 high school

ACC – MUS 1061 Computer Music Applications I

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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

ACC – MUS 2051 Ensemble I

Description: Rehearses and performs various types of musical literature. Second year, first term. Note: This course was previously listed as MUS 251.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 1 college credits / .5 high school

BHE 1001 – Mental Health Crisis and Intervention: Preparedness and Empathy

Description: Focuses on the skills necessary to recognize and assess warning signs of mental health distress and crisis intervention through evidence-based practices. This course also emphasizes trauma-informed care, non-violent crisis intervention, and interventions for diverse populations. This course will prioritize preparation for becoming a compassionate and skilled crisis intervention professional

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

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.

Prerequisite(s): None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

CCA – THE 1031 Theater Production I

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. OSHA 10 and OSHA 30 certification available. Students must complete both to be certified.

Prerequisite(s): None

Designation: Community College of Aurora

Credits: 3 college credits / 1 high school

STUDENT SUPPORT

9th Grade Instructional Support

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.

Prerequisite(s): None

Designation: College Prep

Credits: 0.25 high school

10th Grade Instructional Support

Description: This course builds on the durable skills learned in 9th grade instructional support and helps students strengthen the strategies needed for success at CEC and in future college and career pathways. Students develop effective time management, organization, study strategies, and self-advocacy skills while learning to use campus resources and technology. The course also supports social and emotional wellbeing and provides structured opportunities for college and career exploration. By practicing critical thinking and independent learning habits, students become more confident, motivated, and prepared for the academic and professional expectations ahead.

Prerequisite(s): None

Designation: College Prep

Credits: 0.25 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.

Prerequisite(s): None

Designation: High School

Credits: 0.5 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.

Prerequisite(s): Student must be on an ALP

Designation: College Prep

Credits: 0.5 high school Pass/Fail

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.

Prerequisite(s): None

Designation: College Prep

Credits: 0.25 high school

Resource Lab A, B, & 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. There are 3 options for resource lab class times, depending on need.

Prerequisite(s): Student must be on an IEP

Designation: College Prep

Credits: .5 high school

Skills Support Class

Description: This class supports and reinforces the Executive Functioning needs of students. The structure of this class involves resources, modeling and activities that include, but are not limited to the identifying and supporting of the following: Organizational Management and Challenges, Attentional Management and Challenges, Behavior and Emotion Management, Time Management, Academic Challenges, and Self-Care Challenges and Awareness. This class is for students with a 504 plan.

Prerequisite(s): Student must be on a 504 plan

Designation: College Prep

Credits: .5 high school

HOMEWORK EXPECTATIONS

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

- **For example:** 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.
- **For example:** A student taking four 3 credit hour college classes (12 credits total) should expect an average of 24-36 hours of studying per week.

Δ CERTIFICATIONS available in the following courses:

Cert Lab: choose from one or more of the following certs—Microsoft Office, Adobe Suite, QuickBooks

Drones I: FAA TRUST Certification

Principles of Marketing—Adobe Suite—one cert or more chosen from their suite of products

BUS 1015 Introduction to Business: QuickBooks

BUS 2017 Business Communications—A*S*K Concepts of Business Management Certification

THE 1031: OSHA 10 and 30 certifications. OSHA 10-hour training is designed for entry-level workers, focusing on hazard recognition and basic safety, while OSHA 30-hour training is for supervisors or workers with safety responsibilities, providing in-depth training on safety management, compliance, and specific site risks.

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