



COURSE CATALOG

2024-2025

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

ENGLISH

ENG 060 - Composition and Literature
ENG 090 - Composition and Literature
ENG 095 - Literature
ENG 099 - Non-Fiction Reading and Writing
ENG 1021 - English Composition I
ENG 1022 - English Composition II
ENG 2021 - Creative Writing
LIT 1015 - Introduction to Literature
LIT 2005 - Ethnic Literature
English Language Development

MATH

MAT 030 - Basic Math
MAT 060 - Pre-Algebra
MAT 090 - Algebra I
MAT 090 A - Algebra I
MAT 090 B - Algebra I Geometry
Math Content Lab
MAT 099 - Algebra II
MAT 099^a - Algebra II
MAT 1240 - Math for Liberal Arts
MAT 1260 - Introduction to Statistics
MAT 1340 - College Algebra
MAT 1440 - Pre-Calculus
MAT 2410 - Calculus I
MAT 2420 - Calculus II
Consumer Math

SCIENCE

Anatomy & Physiology
Physics
Chemistry
Biology
Earth Science
BIO 1111 General Biology
ENV 1010 Natural Disasters
ENV 1111 Environmental Science & Lab
CHE 1011 Principles of Chemistry & Lab
PHY 1105 Conceptual Physics & Lab
ANT 1005 Biological Anthropology & Lab
ANT 2315 Forensic Anthropology & Lab

HISTORY AND SOCIAL SCIENCE

Geography
Economics
US History II
Modern World History
American Government
COM 2300 Intercultural Communication
COM 1250 Interpersonal Communication
HIS 1220 US History since the Civil War
HIS 2015 20th Century History
ECO 2001 Principles of Macroeconomics (Fall Only)
PCS 1025 American State and Local Government
PSY 1001 General Psychology I (Fall Only)
PSY 2440 Human Growth and Development
PSY 2552 Abnormal Psychology
SOC 1001 Introduction to Sociology
PSC 1025 American State & Local Government

ARTS AND HUMANITIES

ART 1110 Art Appreciation
MUS 1020 Music Appreciation
PHI 1011 Introduction to Philosophy
PHI 1013 Logic
THE 1005 Theater Appreciation
HUM 1003 Introduction to Film Art
HUM 1015 World Mythology

WORLD LANGUAGES

ASL 1121 American Sign Language I (Fall Only)
ASL 1122 American Sign Language II (Spring Only)
Chinese I
Chinese II (Spring Only)
French I
French II (Spring Only)
Spanish I
Spanish II
Spanish III
Spanish IV Conversational Spanish (Spring Only)

COMPUTER SCIENCE, PROGRAMING, AND CERTIFICATIONS

Adobe Suite (Cert Available)
Applied New Media (Cert Available)
Certifications Lab (Cert Available)
Computer Science Foundations (CTE Pathway)
Microsoft Applications (Certs Available)
CNG 1021 Computer Technician I: A+ (Cert Available)
CSC 1019 Introduction to Programming (CTE Pathway)
BUS 1015 Introduction to Business (Cert available)
Work-Based Learning: Business (Cert Available)

COLLEGE AND CAREER READINESS/STUDENT SUPPORT

Academic Integrations
Freshmen Advisory
GT Seminar
Resource Lab
AAA 1009 Advanced Academic Achievement

ELECTIVES

ART 1201 Drawing I
ART 1301 Painting I
Survey of Studio Art
BUS 1015 Introduction to Business
BUS 2016 Legal Environment of Business
BUS 2017 Business Communications and Report
COM 1150 Public Speaking
EGG 1040 First Year Engineering Projects
MUS 1000 Music Theory Fund I
MUS 1063 Music Audio Production I
MUS 1051 Music Ensemble I
Intro to Health Science
Physical Education
Yearbook
Drones 1
Theatre (Fall Only)
CCA THE 1011 Acting I
CCA THE 1031 Theater Production
Musical Theatre (Spring Only)
Robotics 1
Work Based Learning: Business

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

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.

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

Prerequisites: ENG 1021 preferred

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

Ethnic Literature: GT-AH2 (LIT 2005)

Description: Focuses on significant texts by ethnic American's including African-American, Native American, Latino/a, and Asian Americans. Emphasizes careful reading and understanding of the cultural and literary elements of the works. Note: This course was previously listed as LIT 205.

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

Prerequisites: ENG 1021 preferred.

Designation: Arapahoe Community College

Credits: 3 College credits/ 1 High School

American Literature: Civil War (LIT 2012 | GT-AH2)

Description: Examines American literary works from 1865 to the present, distinguishing among literary themes, genres, and schools of thought that illustrate historical and social contexts across a multicultural spectrum.

Meeting Times: Two 72-minute blocks a week (M and W).

Prerequisites: ENG 1021 preferred.

Designation: Arapahoe Community College

Credits: 3 College credits/ 1 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 Accelerated Track)

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 I (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. This course includes the same course outcomes as MAT 090; however, there are more opportunities for curricular enrichment and concept practice as the MAT 090 A & B sequence is year-long (two semesters versus one semester).

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 099A/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

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: Four 36 or 40-minute periods (M-R).

Prerequisites: none

Designation: College Prep

Credits: 0.25 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

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

General College Biology & 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

Introduction to Chemistry I & 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 & 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 & 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

Introduction to Forensic Anthropology & Lab (ANT 2315 | 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.

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

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

Designation: Arapahoe Community College

Credits: 4 college credits / 1.5 high school

Environmental Science w/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

Intercultural Communication (COM 2300 | GT-SS3)

Description: Provides a global view of communication across cultures and brings an awareness of how perception, language, race, verbal, and nonverbal communication impact our behaviors, messages, and interactions. Emphasis is on developing effective and ethical cross-cultural communication skills, while also building an appreciation for different cultures. This is a statewide Guaranteed Transfer course in the GT-SS3 category. Note: This course was previously listed as COM 220.

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

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. 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.

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 II

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.

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

Prerequisites: 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.

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

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.

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

Prerequisites: ENG 1021 preferred

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

Abnormal Psychology (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) (Fall Only)

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

Principles of Microeconomics (ECON 2002 | GT-SS1) (Spring Only)

Description: Illustrates how firms make price, wage, and profit maximizing decisions. Other topics include market performance, market failure, environmental issues, and government intervention.

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

Intro to Women's Studies (CCA) (WST 2000 | GT-SS3)

Description: Explores the interdisciplinary field of women's studies. This course is an examination of the following topics: the historical basis of gender inequality; the history of social movements for gender equality and women's studies; women's achievements throughout history in various professional and academic fields; women's social, economic, religious, health and political status in the U.S. and around the globe; gender relations; intersectionality; cultural, media and artistic representations of women. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Meeting Times: Two 72-minute blocks weekly

Prerequisites: ENG 1021 preferred

Designation: Community College of Aurora

Credits: 3 College | 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.

Meeting Times: One 160-minute period (Fridays)

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

WORLD LANGUAGES

American Sign Language I (ASL 1121) (Fall Only)

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.

Meeting Times: Four 72-minute blocks a week

Prerequisites: None

Designation: Arapahoe Community College

Credits: 5 college credits/ 2 high school

American Sign Language II (ASL 1122) (Spring Only)

Description: Develops a basic syntactic knowledge of American Sign Language (ASL), basic vocabulary and basic conversational skills. Incorporates vital aspects of deaf culture and community. The direct experience method is used to enhance the learning process. Students must complete this course with a "B" or higher or pass the ASL 1121 proficiency test with a score of 80% or better prior to acceptance into the Interpreting and Transliterating Preparation program. (NOT OFFERED AT ACC). Note: This course was previously listed as ASL 122.

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

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.

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

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 Intro to PC Applications (CIS 1018)

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. **Students will need to set up their own testing with the CECDC North cert teacher to earn certifications.**

Credit: 3 college credits / 1 high school

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

Prerequisite(s): None

Designation: Arapahoe Community College

Work-Based Learning: Business

Description: Students in this class are participating in the capstone course of our Business Career and Technical Education pathway. Students in this course may explore elements of entrepreneurship, corporate ethics and social responsibility, project management in action, human resources management, leadership, accounting/finance, school-based operations and/or management and school-based enterprise/marketing/retail. Internship opportunities will be facilitated depending upon each student's unique skills and interests within the world of business. **Google cert included as part of the coursework.**

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

Prerequisite(s): Previous Business pathway courses, BUS 1015 or ENP 1005

Designation: College Prep

Credit: 0.5 high school

COLLEGE AND CAREER READINESS/ STUDENT SUPPORT

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 40-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

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

Advanced Academic Achievement (AAA 1009 | Not GT)

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

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

Resource Lab

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.

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

Prerequisites: Student must be on an IEP

Designation: College Prep

Credits: .5 high school

ELECTIVES

Drawing 1 (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

First Year Engineering Projects (EGG 1040)

Description: Teaches how to engage community stakeholders and use traditional research practices to identify, define, articulate, and design technical solutions to open-ended problems. The course utilizes teamwork on a semester-long iterative design project.

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

Prerequisites: MAT 1340

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Music Theory Fundamentals I (MUS 1000)

Description: Focuses on the foundational elements of music theory. The course will cover clef reading, pitch and rhythmic notation, intervals, scales, key signatures, triads and diatonic chords, and an introduction to ear training and sight singing. The course will help beginning music students, including those who have limited background reading music notation and understanding the fundamentals of music theory. Note: This course was previously listed as MUS 100.

Meeting Times: One 72-minute period M/W

Prerequisites: None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

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

Music Audio Production I (MUS 1063)

Description: Designed to give music majors and students with a strong interest in music a basic understanding of the Music Production process. This includes the basic knowledge of audio/music production, the fundamentals of sound and microphone, digital and analog technology, recording, and mixing. Note: This course was previously listed as MUS 163.

Meeting Times: One 72-minute period M/W

Prerequisites: None

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

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 1

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

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

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: Arapahoe Community College

Credits: 3 college credits / 1 high school

Theater Production I (CCA THE 1031)

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: Arapahoe Community College

Work-Based Learning: Business

Description: Students in this class are participating in the capstone course of our Business Career and Technical Education pathway. Students in this course may explore elements of entrepreneurship, corporate ethics and social responsibility, project management in action, human resources management, leadership, accounting/finance, school-based operations and/or management and school-based enterprise/marketing/retail. Internship opportunities will be facilitated depending upon each student's unique skills and interests within the world of business. **Google cert included as part of the coursework.**

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

Prerequisite(s): Previous Business pathway course preferred, but not required.

Designation: College Prep

Credit: 0.5 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.

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

Prerequisites: None

Designation: College Prep

Credits: 0.5 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

Robotics I: Scrum Certification preparation, **which is earned in Robotics II**

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+ Certification Prep (May require CNG 1022 to complete the A+ certification)

CIS 1018 Intro to PC Applications: Prepares students to take and pass Microsoft certifications