CEC COLORADO Early Colleges

Course Catalog | Fall 2022

Because of the variety of our course offerings that are tailored to meet the needs of all students, students should be available anytime between 7:50 a.m. -3:15 p.m. Monday through Thursday and between 7:50 a.m. -1:15 p.m. on Fridays for their assigned courses. All courses are semester-long courses. Although CECP 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 are subject to change.

ENGLISH

COM 1150 - Public Speaking

COM 1250 - Interpersonal Communication

ENG 090 - College Prep Literature

ENG 090 - College Prep Composition

ENG 099- Non-Fiction Reading and Writing

Creative Writing

ENG 1021 - English Composition I

ENG 1022 - English Composition II

ENG 2021 - Creative Writing

LIT 1015 - Introduction to Literature (Spring Only)

LIT 2005 - Ethnic Literature (Fall Only)

MATH

MAT 060 - Pre-Algebra

MAT 090 - Algebra I

Geometry and Statistics

MAT 095 - Intermediate Algebra

MAT 099 - Algebra II

MAT 1240 - Math for Liberal Arts (Spring Only)

MAT 1340 - College Algebra

MAT 1420 - Trigonometry

MAT 2410 - Calculus I

MAT 2420 - Calculus II

SCIENCE

Biology with Lab

Earth Science with Lab

Physics with Lab

AST 1140 - Astronomy of Ancient Cultures (Fall

Only)

AST 1160 - Cosmology: Origin and Evolution of the

Universe (Spring Only)

BIO 1111 - General College Biology with Lab

BIO 1016 - Introduction to Human Disease (Fall

CHE 1011 - Principles of Chemistry & Lab

PHY 1105 - Conceptual Physics

SOCIAL SCIENCE

U.S. History I (Fall Only)

U.S. History II (Spring Only)

American Government

Geography

HIS 1210 - US History to Reconstruction

HIS 1220 - US History since the Civil War

ECO 2001- Principles of Macroeconomics (Fall

ECO 2002 - Principles of Microeconomics (Spring

Only)

PHI 1011 - Introduction to Philosophy (Fall Only)

PHI 1014 - Comparative Religions (Spring Only)

POS 1025 - American State and Local Government

PSY 1001 - General Psychology I

PSY 1002 - General Psychology II (Not Currently

Available)

PSY 2221 - Social Psychology

WORLD LANGUAGES

ASL 1121 - American Sign Language (College)

Chinese I

Chinese II

Chinese III

Spanish I

Spanish II

Spanish III

COLLEGE AND CAREER READINESS

Freshmen Seminar

AAA 1009 - Advanced Academic Achievement

Work Force Readiness (Spring Only)

ELECTIVES

A+ Certification

Adobe Suite

Foundations of Computer Science (not currently

available)

Intervention Class

Microsoft Applications

Network+ Certification (not currently available)

New Media Resource Lab

SAT Prep (Spring Only)

Musical Theatre (Spring Only)

Theatre (Fall Only)

ART 1110 - Art Appreciation

ART 1201 - Drawing (Fall Only)

ART 1301 - Painting (Spring Only) BUS 1015 - Introduction to Business HUM 1003- Introduction to Film Art

MUS 1025 - History of Jazz MUS 1031 - Music Class I

THE 1005 - Theater Appreciation

Yearbook

ENGLISH

Literature & Composition Foundations (ENG 060)

Description: Focuses on paragraph structure and development and introduces the formal essay. 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. Focuses on strategies for vocabulary development, improved reading comprehension, and enrichment.

Meeting Times: Two 70 minute period daily (M-R); Two 50 minute periods on Fridays

Prerequisites: None

Designation: College Prep **Credits**: 1 high school

College Prep Composition (ENG 090)

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

Meeting Times: One 70 minute period daily (M-R); One 50 minute periods on Fridays

Prerequisites: Literature & Composition Foundations (ENG 060) or appropriate ACCUPLACER scores

Designation: College Prep **Credits**: 0.5 high school

College Prep Literature (ENG 090)

Description: Emphasizes critical thinking as students explore literature written for a variety of purposes and audiences. Enables the student to develop skills required for college-level reading while reviewing elements of literature and its historical context. Enables the student to apply strategies for improving comprehension, developing vocabulary, and increasing rate for reading comprehension.

Meeting Times: One 70 minute period daily (M-R); One 50 minute periods on Fridays

Prerequisites: Literature & Composition Foundations (ENG 060) or appropriate ACCUPLACER scores

Designation: College Prep **Credits**: 0.5 high school

Non-Fiction Reading and Writing (ENG 099)

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 five major papers in preparation for ENG 121. It is highly recommended that students take this course in order to bridge the gap between high school courses and the demand of college-level work. English 099 provides students additional time to grow and achieve the academic prowess and acumen to be successful in ENG 121.

Meeting Times: One 70 minute period daily (M-R); 50 minutes on Fridays

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

Designation: College Prep **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 70 minute blocks weekly (M/W or T/R) **Prerequisites**: *College ready English ACCUPLACER scores*

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

Interpersonal Communication (COM 1250)

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.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R) **Prerequisites:** *College ready scores in English preferred*

Designation: Arapahoe Community College **Credits:** 3 college 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: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores (required).

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 70 minute blocks weekly (M/W or T/R)

Prerequisites: English Composition I (ENG 121) and college ready English ACCUPLACER scores

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 70 minute blocks weekly (M/W or T/R)

Prerequisites English Composition I (ENG 121) and college ready English ACCUPLACER scores

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

Introduction to Literature (LIT 1015 | GT-AH2) (Spring Only)

Description: Introduces students to fiction, poetry, and drama. Emphasizes active and responsive reading.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores

(required).

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

Lit 205: Ethnic Literature (LIT 2005 | GT-AH2) (Fall Only)

Description: Focuses on significant texts by ethnic Americans, including African Americans, Native Americans, Latino/a, and Asian Americans. Emphasizes careful reading and understanding of the cultural and literary elements of the works.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores

(required).

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

MATH

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 70 minute period daily (M-R); 50 minutes on Fridays

Prerequisites: *None*Designation: College Prep
Credits: 1 high school

Geometry and Statistics

Description: Geo/Stats 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 70 minute period daily (M-R); 50 minutes on Fridays **Prerequisites**: *Algebra I (MAT 090), and/or placement via the ACCUPLACER*

Designation: College Prep **Credits:** 1 high school

Algebra I (MAT 090)

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 70 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

Intermediate Algebra (MAT 095)

Description: This is a college-prep course in higher-level algebra and problem-solving skills that have been used in everyday life: in many careers and in advanced mathematics courses. This course is designed for students who have felt unsuccessful in math in the past, students who want to go on to higher-level math classes, and students who love the challenge of math. All are welcome! Math topics include polynomials, factoring, functions, exponential and logarithmic functions, and exponential and logarithmic applications.

Meeting Times: One 70 minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Prerequisites is either a passing grade in Algebra I (MAT090) and Geo/Stats or placement via the

Accuplacer test.

Designation: College Prep **Credits**: 1 high school

Algebra II (MAT 099)

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.

Meeting Times: One 70 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 120 | GT-MA1) (Spring Only)

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 70 minute blocks weekly (M-R)

Prerequisites: MAT 099 (Algebra II on an outside transcript) and college ready math ACCUPLACER scores

for MAT 120.

Designation: Arapahoe Community College **Credits**: 4 college credits / 1.5 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 70 minute blocks weekly (M-R)

Prerequisites: MAT 099 (Algebra II on an outside transcript) and college ready math ACCUPLACER scores.

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

Trigonometry (MAT 1420 | GT-MA1)

Description: Covers topics including trigonometric functions (with graphs and inverse functions), identities and equations, solutions of triangles, complex numbers, and other topics as time permits. This is a traditional prerequisite course to the calculus sequence.

Meeting Times: Three 70 minute blocks weekly (M/W/F or T/R/F)

Prerequisites: College Algebra (MAT 121) and college ready math ACCUPLACER scores.

Designation: Arapahoe Community College **Credits**: 3 college credits / 1 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: Four 70 minute blocks and one 50 minute block weekly

Prerequisites: College Trigonometry and college ready math ACCUPLACER scores.

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: Four 70 minute blocks and one 50 minute block weekly

Prerequisites: MAT 2410

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: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: none **Designation**: College Prep **Credits**: 0.25 high school

SCIENCE

Biology with 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 70 minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Earth Science and/or Math 090/Algebra I

Designation: College Prep **Credits**: 1 high school

Chemistry with 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 70 minute period daily (M-R); 50 minutes on Fridays

Prerequisites: *Biology and Geometry*

Designation: College Prep **Credits**: 1 high school

Earth Science with 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 70 minute period daily (M-R); 50 minutes on Fridays

Prerequisites: *None*Designation: College Prep
Credits: .5 high school

Physics with 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 70 minute period daily (M-R); 50 minutes on Fridays **Prerequisites**: *Chemistry and Algebra II (can be enrolled concurrently)*

Designation: College Prep **Credits**: 0.5 high school

Astronomy of Ancient Cultures (AST 1140 | GT-SC2)

Description: Introduces the study of archaeoastronomy and ethnoastronomy. Students will study the principles of naked eye astronomy and examine how those principles have been used for timekeeping, navigation, religion and ritual, political power, cosmology and worldview. Methods of the ethnoastronomer will be covered, including measurement of alignments, analysis of written records, examination of art and architecture and incorporation of general knowledge about the culture being studied.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

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

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

Gen College Biology I/Lab (BIO 1111 or BIO 186 at CSU Pueblo | 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: Two 70 minute blocks of lecture weekly (M/W or T/R) and two 140 minute blocks of lab 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

Introduction to Human Disease (BIO 1016 | GT-SC1) (Fall Only)

Description: Focused analysis of the causes and mechanics of human illness and death will be presented for each of the major human body systems. Selected diseases will be studied in greater detail including etiology, pathogenesis, epidemiology, sociology, and therapy.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R) **Prerequisites:** *College ready English ACCUPLACER scores*

Designation: Arapahoe Community College **Credits:** 3 college credits / 1 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 70 minute blocks of lecture weekly (M/W or T/R) and two 70 minute blocks of lab 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

Cosmology: Origin and Evolution of the Universe (AST 1160 | GT-SC2)

Description: Explores the birth, large-scale structure, and eventual fate of the universe. Evidence for, and science behind, the Big Bang and inflation, the expanding universe, dark matter and dark energy, and the possible futures of the universe as a whole are presented. Unification theories may be covered. This is a statewide Guaranteed Transfer course in the GT-SC2 category.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: College ready English ACCUPLACER scores or equivalent.

Designation: Arapahoe Community College **Credits:** 3 college credits / 1 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 70 minute blocks weekly (M-F)

Prerequisites: College Algebra (MAT 121) completed with a C or better and college ready English

ACCUPLACER scores.

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

SOCIAL SCIENCE

American Government

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

Meeting Times: One 70 minute period daily (M-R); 50 minutes on Fridays

Prerequisites: *None*Designation: College Prep
Credits: 0.5 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 70 minute period daily (M-R); 50 minutes on Fridays

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

US History I (Fall Only)

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

Meeting Times: One 70 minute period daily (M-R); 50 minutes on Fridays

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

US History II (Spring Only)

Description: United States from 1877 Reconstruction era to contemporary era. **Meeting Times**: One 70 minute period daily (M-R); 50 minutes on Fridays

Prerequisites: None

Designation: College Prep

Credits: 0.5 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 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores (required).

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

General Psychology II (PSY 1002 | GT-SS3)(Not Currently Offered)

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 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores

(required).

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

Social Psychology (PSY 2221 | GT-SS3) (Fall Only)

Description: Focuses on the behavior of humans in social settings, including attitudes, aggression, conformity, cooperation and competition, prejudice, and interpersonal attraction.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: PSY 101 or 102 with a grade "C" or better; English 099 or English 090 (preferred) and college ready English ACCUPLACER scores (required).

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 70 minute blocks weekly (M/W or T/R) or one 140 minute block weekly (F)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores

(required). MAT 090 and/or MAT 050 **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 70 minute blocks weekly (M/W or T/R) or one 140 minute block weekly (F)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores

(required). MAT 090 and/or MAT 050 **Designation**: Arapahoe Community College

Credits: 3 college credits / 1 high school

US History to Reconstruction (HIS 1210 | GT-HI1)

Description: Explores events, trends, peoples, groups, cultures, ideas, and institutions in North America and United States history, including the multiple perspectives of gender, class, and ethnicity, between the period when Native American Indians were the sole inhabitants of North America and the American Civil War. Focused on developing, practicing and strengthening the skills historians use while constructing knowledge in the discipline.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores (required).

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: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores (required).

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

Introduction to Philosophy (PHI 1011 | GT-AH3) (Fall Only)

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 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores (required).

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

Comparative Religions (PHI 1014 | GT-AH3) (Spring Only)

Description: Introduces students to the similarities and differences among concepts predominant in the major world religions, comparing sociological, philosophical, and phenomenological similarities between major world faiths

Meeting Times: Two 70 minute blocks weekly (M/W or T/R) or one 140 minute block weekly (F)

Prerequisites: *English* 099 and college ready *ACCUPLACER* scores.

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

American Government (POS 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.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores (required).

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

WORLD LANGUAGES

American Sign Language I (ASL 1121)

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

Meeting Times: One 70 minute period daily (M-R)

Prerequisites: *None*

Designation: Arapahoe Community College **Credits**: 5 college credits/ 2 high school

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 70 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 70 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

Mandarin Chinese III

Description: In Level III, students continue to build communication skills developed in Levels I and II. Specifically, students participate actively in extended oral and written discourse, using compound and complex sentences. Students narrate, describe, and predict events within context. Culture is a critical part of Chinese III curriculum. Students will be immersed in cultural intricacies through learning about traditional and contemporary cultural perspective and products.

Meeting Times: One 70 minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Mandarin Chinese II or instructor-provided fluency test on level 2.

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 70 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 70 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 70 minute period daily (M-R); 50 minutes on Fridays

Prerequisites: Spanish II Designation: College Prep Credits: 1 high school

COLLEGE AND CAREER READINESS

Freshmen Seminar

Description: This course is designed to help students develop strategies and skills necessary for a successful career at CECP. 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 CECP and ACC computer technology. Students will learn about CECP and ACC's resources, activities and rich cultural diversity. 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 35 minute periods weekly (M-R)

Prerequisites: *None*Designation: College Prep
Credits: 0.25 high school

Workforce Readiness (Spring Only)

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 70 minute blocks weekly (M/W or T/R)

Prerequisites: Junior or Senior preferred (career pathway preferred)

Designation: College Prep **Credits**: 0.5 high school

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 70 minute blocks weekly (M/W or T/R)

Prerequisites: Junior or Senior preferred (university pathway preferred)

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

ELECTIVES

A+ Certification (Not currently offered)

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.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R) and one 50 minute block weekly (F)

Prerequisites: Foundations of Computer Science is recommended.

Designation: College Prep **Credits**: 0.5 high school

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 70 minute blocks weekly (M/W or T/R)

Prerequisites: Concurrent enrollment in New Media is recommended.

Designation: Certification **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.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: Student must be on an ALP

Designation: College Prep **Credits**: 0.5 high school

Foundations of Computer Science (Not currently offered)

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.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: None

Designation: College Prep **Credits:** 0.5 high school

Intervention Class

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. If achieved, students can exit from the course with the instructor's and Academic Dean's approval.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R) **Prerequisites**: *None. Teacher or advisor recommendation.*

Designation: College Prep **Credits:** .25 credits pass/fail

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 70 minute blocks weekly (M/W or T/R)

Prerequisites: None

Designation: College Prep **Credits:** 0.5 high school

Network+ Certification (Not currently offered)

Description: TestOut Network Pro prepares students for the TestOut Network Pro certification exam and CompTIA's Network+ N10-007 certification exam. Students gain the knowledge and skills they need to install, configure, and maintain a network for a small business.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R) and one 50 minute block weekly (F)

Prerequisites: Foundations of Computer Science and A+ Certification is recommended.

Designation: Certification **Credits**: 0.5 high school

New Media

Description: This class will focus on teaching students hands-on skills that will carry them into the future of media and communications. Course topics include photo manipulation, video editing, audio engineering, creating and maintaining content, and creating channels. There will be a focus on streaming media around technologies such as YouTube, Facebook Live, Twitch, Podcasting and will include sections on digital citizenship, influencer culture and monetizing content.

Meeting Times: One 70 minute period daily (M-R); 50 minutes on Fridays

Prerequisites: *None*

Designation: College Prep **Credits**: .5 high school

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 70 minute periods (M-R); 50 minutes on Fridays

Prerequisites: Student must be on an IEP

Designation: College Prep **Credits**: .5 high school

SAT Prep (Spring Only)

Description: CECP will be offering an SAT prep class in the spring semester that will run through April 9th. Students who took this class last year showed demonstrated improvement in their SAT scores. First assignments will begin later *in the semester*. Whereas many prep programs cost hundreds of dollars, CECP is offering this course for free during the school day. Academic classes will take precedence over the SAT Prep class, but if there is room available in your schedule, you may add this class. Juniors will be given priority in enrollment. Space is limited.

Meeting Times: Two 70 minute periods weekly (M/W or T/R)

Prerequisites: *None*Designation: College Prep
Credits: 0.25 high school

Musical Theatre (Spring Only)

Description: This spring CECP is presenting a rock-n-roll or jazz centered musical—stay tuned to find out

more details!

Meeting Times: One 70 minute period (M-R)

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

Theatre (Fall Only)

Description: The Bard abounds this fall! Come join this class and learn all about theater, young and old, culminating in a production of a Shakespeare play. It is going to be FUN.

Meeting Times: One 70 minute period (M-R)

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

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 150 minute period (Fridays)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores

(required).

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

Drawing (ART 1201 | Not GT) (Fall Only)

Description: Investigates the various approaches and media that students need to develop drawing skills and visual perception.

Meeting Times: One 150 minute period (Fridays)

Prerequisites: *None*

Designation: Arapahoe Community College

Credits: 3 college credits / 1 high school

Painting (ART 1301 | Not GT) (Spring Only)

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 150 minute period (Fridays)

Prerequisites: *None*

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

History of Jazz (MUS 1025 | GT-AH1)

Description: Provides an overview of jazz history covering the basic materials of music and the forms, media, genres, and the historical and cultural framework of each style period. This course emphasizes the building of critical listening tools and the development of a jazz music vocabulary. This is a statewide Guaranteed Transfer course in the GT-AH1 category. Note: This course was previously listed as MUS 125.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores

(required).

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

Introduction to Business (BUS 1015 | Not GT)

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 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores

(required).

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

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

Description: Studies the relationships among film's stylistic systems, narrative systems and audience reception. Students view, discuss and critically analyze a variety of films which represent a variety of genres and themes. The course incorporates the vocabulary of stylistic systems (for instance, cinematography and editing) and narrative systems (for instance, story structure and character motivation) as both relate to the kinds of meanings a film conveys.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R) or one 150 minute block weekly (F) **Prerequisites**: *English 099 or English 090 (preferred) and college ready English ACCUPLACER scores (required)*.

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

Music Class I (MUS 1031)

Description: Provides group instruction in music, introducing basic techniques, repertoire, and sight-reading. Note: This course was previously listed as MUS 131.

Meeting Times: Two 70 minute blocks weekly (M/W or T/R)

Prerequisites: English 099 or English 090 (preferred) and college ready English ACCUPLACER scores

(required).

Designation: Arapahoe Community College **Credits:** 2 college credits / .5 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 70 minute blocks weekly (M/W or T/R)

Prerequisites: *CCR 092 (or higher) or equivalent* **Designation**: Arapahoe Community College **Credits**: 3 college credits / 1 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: One 70 minute period (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.