



Course offerings are tailored to meet the needs of all students regardless of class year. Students should be available anytime between 7:50 am - 3:15 pm Monday through Thursday and 7:50 am - 1:15 pm on Fridays for their assigned courses. All courses are semester-long courses. Although CEC 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 due to several factors, including class section enrollment. Schedules are subject to change.

### **ENGLISH**

ENG 060 - Lit. & Comp. Foundations (HS)  
ENG 090 – Literature Foundations (HS)  
ENG 090 – Composition Foundations (HS)  
ENG 095 – Fiction Reading & Writing (HS)  
ENG 099 - Non -Fiction Reading and Writing (HS)  
ENG 1021 - English Composition I  
ENG 1022 - English Composition II

### **MATH**

Math Content Labs – Algebra & Geo (HS)  
MAT 060 – Pre-Algebra (HS)  
MAT 090 – Algebra I (HS)  
MAT 090 – Algebra I - A & B (HS)  
MAT 095 – Algebra II (Liberal Arts Majors) (HS)  
MAT 099 – Algebra II (HS)  
Geo/Stats – Geometry and Statistics (HS)  
MAT 1260 – Statistics  
MAT 1340 – College Algebra  
MAT 1420 – College Trig  
MAT 2410 – Calculus I

### **SCIENCE**

Life Science (HS)  
Biology (HS)  
Chemistry (HS)  
Physics (HS)  
BIO 182 – College Biology II/Cellular Bio. (CSU COURSE)  
CHE 1111 – General College Chemistry I  
ENV 1111 – Environmental Science  
AST 1110 – Planetary Astronomy

### **COMMUNICATION COURSES**

COM 1150 – Public Speaking  
COM 1250 – Interpersonal Communication

### **COLLEGE & CAREER READINESS**

Senior Capstone Project  
AAA 1001 – College 101: Student Experience  
AAA 1009 – Adv. Academic Achievement

### **SOCIAL/ BEHAVIORAL SCIENCE**

American Government (HS)  
U.S. History I (HS)  
ECO 2002 – Principles of Microeconomics  
HIS 1120 – the World: 1500 – Present  
HIS 1210 – US History I – to 1865  
POS 1025 - American State & Local Gov.  
PSY 1001 – General Psychology  
PSY 2552 – Abnormal Psychology

### **ARTS & HUMANITIES**

LIT 1015 – Introduction to Literature  
LIT 2002 – World Lit. After 1600  
MUS 1020 – Music Appreciation  
MUS 1023 – Survey of World Music  
PHI 1011 – Introduction to Philosophy  
PHI 1012 – Ethics

### **WORLD LANGUAGES**

ASL – American Sign Language (HS)  
Spanish I (HS)  
Spanish II (HS)  
Spanish III (HS)  
SPA 111 – Spanish I

### **ELECTIVES**

Certification Lab: Adobe, MOS, Auto-Desk (HS)  
Drones (HS)  
Gifted & Talented (HS)  
Computer Science Foundation (HS)  
Resource (HS)  
Robotics I (HS)  
Yearbook I (HS)  
ART 1003 – Visual Concepts 3-D Design  
ART 1201 – Drawing I  
ART 1604 – Jewelry & Metalwork I  
BUS 1015 – Introduction to Business  
BUS 2017 – Business Communications  
HWE 1050 – Human Nutrition

Students will have the opportunity to select additional coursework through Arapahoe Community College. Please visit: [Course Schedules and Registration | Arapahoe CC](#), to view the ACC Sturm Collaboration Campus Fall 2021 Course Offerings. The ACC Sturm Collaboration Campus is located less than a mile away from our CEC Castle Rock.

## **ENGLISH**

### **English Content Lab**

**Description:** English content lab emphasizes building literature analysis and comprehension skills and writing skills. The learning objectives will be differentiated and focuses on building competency in the learning objectives of English 090 and 099.

**Meeting Times:** One 35-minute period daily (M-R)

**Prerequisites:** None

**Designation:** *College Prep*

**Credits:** 0.25 high school

### **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

### **Literature Foundations (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

### **Composition Foundations (ENG 090)**

**Description:** Emphasizes critical thinking as students explore literature written for a variety of purposes and audiences. Enable 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 ready 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

### **Fiction Reading and Writing (ENG 095)**

**Description:** The emphasis of English 095 will be reading fiction and writing. Building off of what was learned in 090, students will delve deeper into fictional readings, with more of an emphasis on poetry and playwriting. It will enable the student to develop skills in college-level literary analysis and critical thinking, as well as college-level writing. Students will be able to proceed onto 099 with increasing reading comprehension and elevated vocabulary.

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

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

**Designation:** College Prep

**Credits:** 1 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 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. English 099 provides students additional time to grow and achieve the academic prowess and acumen to be successful in ENG 1021.

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

**Prerequisites:** *Literature & Composition College Prep (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:** Two 70-minute blocks weekly (M/W or T/R)

**Prerequisites:** *English 099 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 1021) and college ready English ACCUPLACER scores*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

**Content Lab Algebra**

**Description:** Develops and solidifies the foundation skills for Algebra I of 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 35-minute periods daily (M-R)

**Prerequisites:** *none*

**Designation:** College Prep

**Credits:** 0.25 high school

**Content Lab Geometry**

**Description:** Develops and solidifies the foundation skills for Geometry including, identifying various geometric figures, and proving theorems associated with them. Aiding in making conjectures and proving theorems.

**Meeting Times:** Four 35-minute periods daily (M-R)

**Prerequisites:** *none*

**Designation:** College Prep

**Credits:** 0.25 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 70-minute period daily (M-R); 50 minutes on Fridays

**Prerequisites:** *None*

**Designation:** College Prep

**Credits:** 1 high school Geometry and Statistic

**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-minute on Fridays

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

**Designation:** College Prep

**Credits:** 1 high school

**Algebra I- A & B (MAT 090) Algebra I-year-long course designed to learn concepts at moderate pace**

**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:** 0.5 high school per semester

### **Algebra II for Liberal Arts Majors (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:** *MAT 090 & Geometry and/or college-ready on the ACCUPLACER*

**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

### **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

### **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.

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

**Prerequisites:** Geo/Stats and/or college-ready math ACCUPLACER scores.

**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 70-minute blocks weekly (M-R)

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

**Designation:** Arapahoe Community College

**Credits:** 4 college credits / 1.5 high school

### College 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:** Two 70-minute blocks and one 50-minute block weekly (M-F)

**Prerequisites:** *College Algebra (MAT 1340) 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:** Two 140-minute blocks and one 70-minute block weekly (M/W/F or T/R/F)

**Prerequisites:** *Trigonometry (MAT 1420) and college ready math ACCUPLACER scores.*

**Designation:** Arapahoe Community College

**Credits:** 5 college credits / 2 high school

## **SCIENCE**

### Life Science

**Description:** Students gain an increased awareness of the natural world through field study investigations, inquiry-based learning, applied reading and writing. Students will develop public speaking skills with collaborative projects and put scientific method into practice. This course description includes the study of Evolution, Plant Biology, Ecology, Environmental Biology and Microbiology.

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

**Prerequisites:** *None*

**Designation:** College Prep

**Credits:** 0.5 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 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 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 70-minute period daily (M-R); 50 minutes on Fridays

**Prerequisites:** *None*

**Designation:** College Prep

**Credits:** 1 high school

### **Physics w/Lab**

**Description:** This course encompasses core physics curriculum for continued advanced learning in the scientific studies. Courses covered include forces, mechanics, energy, light and sound waves, optics, electricity, and magnetism. All covered topics will be both lecture and learning through lab manipulations. Students will work on various projects to encourage thorough understanding of learned material.

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

**Prerequisites:** *Algebra 2 or concurrent enrollment*

**Designation:** College Prep

**Credits:** 1 high school

### **College Biology II/Cellular Biology w/LAB (BIO 181 | GT-SC2) Partnering with CSU**

**Description:** Basic cell structure and function, reproduction, and heredity.

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

**Prerequisites:** *Completion of ENG 1021 and MAT 1340 with a grade "C" or better.*

**Designation:** Arapahoe Community College

**Credits:** 4 college credits / 2 high school

### **General College Chemistry I (CHE 1111 | GT-SC1)**

**Description:** Focuses on basic chemistry and measurement, matter, chemical formulas, reactions and equations, stoichiometry. This course covers the development of atomic theory culminating in the use of quantum numbers to determine electron configurations of atoms, and the relationship of electron configuration to chemical bond theory. The course includes gases, liquids, and solids and problem-solving skills are emphasized through laboratory experiments.

**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:** *Completion of ENG 1021 and MAT 1340 with a grade "C" or better.*

**Designation:** Arapahoe Community College

**Credits:** 5 college credits / 2 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.

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

**Prerequisites:** *CCR 092 (or higher) or equivalent and MAT 050 or equivalent.*

**Designation:** Arapahoe Community College

**Credits:** 4 college credits / 1.5 high school

### **Planetary Astronomy w/Lab (AST 1110 | GT-SC1)**

**Description:** Focuses on the history of astronomy, naked-eye sky observation, tools of the astronomer, contents of the solar system and life in the universe. Incorporates laboratory experience.

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

**Prerequisites:** *Concurrent enrollment or completion of ENG 1021 and MAT 099.*

**Designation:** Arapahoe Community College

**Credits:** 4 college credits / 1.5 high school

## **COMMUNICATIONS**

### **Public Speaking (COM 1150 | Not GT)**

**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:** *Concurrent enrollment or completion of ENG 099*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

### **Interpersonal Communication (COM 1250 | Not GT)**

**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:** *Completion of ENG 1021 with grade of "C" or better*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

## **COLLEGE AND CAREER READINESS**

### **Senior Capstone Project**

**Description:** The Senior Capstone course is designed to promote independent and autonomous learning through critical inquiry into a profession, academic interest, social issue, or service opportunity. Students will be asked to select a topic, discipline, or social problem that interests them, conduct research on the subject, create a final product demonstrating their learning acquisition or conclusions (a paper, short film, or multimedia presentation, for example), and give an oral presentation on the project to a panel of teachers, experts, and community members who collectively evaluate its quality. The Senior Capstone course is also designed to encourage students to think critically, solve challenging problems, and develop skills such as oral communication, public speaking, research skills, media literacy, teamwork, planning, self-sufficiency, or goal setting—i.e., skills that will help prepare them for college, modern careers, and adult life. This course will also encourage students to connect their projects to community issues or problems and integrate outside-of-school learning experiences, including interviews, scientific observations, or internships. Additionally, The Capstone will also address all significant senior year experiences, including college applications, financial aid, and career readiness.

**Meeting Times:** One day a week for a 70-minute period

**Prerequisites:** *Senior Status*

**Designation:** College Prep

**Credit:** 0.25 high school

### **College 101: Student Experience (AAA 1001)**

**Description:** This course, to be completed during students' first semester at CECCR, will help student develop and implement executive function skills including task initiation, note-taking, time management, and organization. Students will engage in teacher -guided activities and stimulating collaboration, communication, and critical thinking designed to support college readiness. A final project representing students' self-evaluation of executive skills and educational goals will culminate the course.

**Meeting Times:** Four 35-minute blocks weekly (M-R)

**Prerequisites:** *None*

**Designation:** Arapahoe Community College

**Credits:** 1 college credits / 1 high school



### **Advanced Academic Achievement (AAA 1009)**

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

**Meeting Times:** Two 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

## **SOCIAL/ BEHAVIORAL 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:** 1 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

### **Principles of Microeconomics (ECO 2002 | GT-HI1)**

**Description:** Focuses on the study of individual decision making, emphasizing households, business firms and industry analysis. Explores market models, including competition, monopoly, monopolistic competition and oligopoly. Examines market failure and related efficiency criteria for government intervention. Explores public policy, including labor market issues, poverty, and the environment.

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

**Prerequisites:** *Completion of ENG 1021 with grade of "C" or better*

**Credits:** 3 college credits / 1 high school

### **The World: 1500-Present (HIS 1120 | GT-HI1)**

**Description:** Explores trends within events, peoples, groups, ideas, and institutions in World History since 1500 as well as on common cultural trends. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through the perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

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

**Prerequisites:** College ready writing Accuplacer scores or concurrent enrollment in ENG 1021.

**Credits:** 3 college credits / 1 high school

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

**Description:** Explores trends within events, peoples--including Native American--groups, ideas, and institutions in North America and the United States to Reconstruction. This class focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such gender, class, religion, and ethnicity.

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

**Prerequisites:** College ready writing Accuplacer scores or concurrent enrollment in ENG 1021.

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

## **PHI 1012 – Ethics**

**Description:** Examines human life, experience, and thought to discover and develop the principles and values for pursuing a more fulfilled existence. This course examines ethical theories designed to both justify moral judgements, as well as apply these ethical theories to a selection of personal and social issues in the world today. This is a statewide Guaranteed Transfer course in the GT-AH3 category.

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

**Prerequisites:** College ready writing Accuplacer scores or concurrent enrollment in ENG 1021.

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

## **American State & Local Government (POS 1025 | GT-SS1)**

**Description:** Emphasizes the structure and function of the state, county, and municipal governments including their relations with each other and with the national government. Includes a study of Colorado government and politics.

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

**Prerequisites:** College ready writing Accuplacer scores or concurrent enrollment in ENG 1021.

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 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:** College ready writing Accuplacer scores or concurrent enrollment in ENG 1021.

**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.

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

**Prerequisites:** PSY 1001 or PSY 1002 with a grade of "C" or better.

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

## **ARTS & HUMANITIES**

### **Introduction to Literature (LIT 1015 | GT-AH2)**

**Description:** Introduces fiction, poetry, and drama. This course emphasizes active and responsive reading.

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

**Prerequisites:** *English Composition I (ENG 1021) and/or college ready English ACCUPLACER scores*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

### **World Literature After 1600 (LIT 2002 | GT-AH2)**

**Description:** Examines significant writings in world literature from the seventeenth century to the present. It emphasizes active reading and understanding of the works and their cultural backgrounds.

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

**Prerequisites:** *English Composition I (ENG 1021) and/or college ready English ACCUPLACER scores*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

### **Introduction to Shakespeare (LIT 2025 | GT-AH2)**

**Description:** Explores works by William Shakespeare, focusing on a careful reading of these works as well as an exploration of pertinent contextual and historical information.

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

**Prerequisites:** *English Composition I (ENG 1021) and/or college ready English ACCUPLACER scores*

**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.

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

**Prerequisites:** *Concurrent enrollment or completion of ENG 1021*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

### **Survey of World (MUS 1023 | GT-AH1)**

**Description:** Provides an overview of music from around the globe including folk, ethnic, non-Western, and popular styles. Develops basic listening skills and builds a historical/cultural context for world music styles to enable an understanding and appreciation of global music

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

**Prerequisites:** *Concurrent enrollment or completion of ENG 1021*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

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

**Prerequisites:** *Concurrent enrollment or completion of ENG 1021*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

## **WORLD LANGUAGES**

### **American Sign Language I**

**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.

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

**Prerequisites:** *None*

**Designation:** College Prep

**Credits:** 1 high school

## Spanish II

**Description:** Spanish II covers introductory vocabulary and phrases related to hobbies and activities, school and home life, and food and culture. Special units will address additional concepts to fulfill CDE state standards, and also to address language-comprehension needs that correlate to specific classes and students.

**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

## Spanish I (SPA 1011)

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

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

**Prerequisites:** *Completion of high school Spanish II*

**Designation:** College Prep

**Credits:** 5 college credits/ 2 high school

## **ELECTIVES**

### Certification Lab

**Description:** New! Certification Lab to help our students graduate with both a high school diploma and a FREE industry credential of their choice. Students can develop workforce-ready skills while in high-school and increase their career or college opportunities after graduation.

**Microsoft Certifications** No matter which career path you are pursuing Microsoft Office proficiency is a valuable skill. In fact, Microsoft Office was the leading software package called out within the top 20 skills across representative occupations in seven countries, coming in at number 3 on the IDC research list. Stand out in a crowd of applicants and put yourself on a path to a brighter future with Microsoft Office Specialist certification. [Job Outlook for Business Managers](#)

**Adobe Certified Professional** Start your career in graphic design! Become an Adobe Certified Professional to show you're ready to bring ideas to life using the world's most powerful creative desktop apps. [Job Outlook for Graphic Designers](#)

**Autodesk Certified User** Learn AutoCAD (computer-aided design) software. You'll develop skills such as creating or plotting drawings, editing objects, working with layouts, etc., preparing you for careers in design, drafting and modeling. [Job Outlook for Architectural Drafters](#)

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

**Prerequisites:** *None*

**Designation:** College Prep

**Credits:** 0.5 high school

### **Drones: Certification Option in 107 for Commercial Drone Flight**

**Description:** This course introduces students to rules and regulations required for them to pass the UAS Remote Pilot Certification. Students will have hands-on experience piloting a drone. Students that successfully complete this course will have the information necessary for them to pass the FAA's "Part 107" airman knowledge test. The FAA Part 107 is a set of rules for operating a drone commercially. 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. Students must be 16 to take the Part 107 exam but do not need to be 16 to take the course.

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

**Prerequisites:** *None*

**Designation:** College Prep

**Credits:** 1 high school

### **Gifted & Talented**

**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. This class may be taken more than once for a .5 elective credit.

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

**Prerequisites:** *Gifted Designation*

**Designation:** College Prep

**Credits:** 0.25 high school

### **Computer Science Foundation**

**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 will prepare students to take the [CompTIA IT Fundamentals+](#) certification exam.

**Meeting Times:** Four 35-minute periods daily (M-R)

**Prerequisites:** *None*

**Designation:** College Prep

**Credits:** 0.5 high school

### **Resource Lab**

**Description:** The resource class is a course delivered through our exceptional student services unit 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. Students will have the opportunity to explore post-secondary goals related to education and career.

**Meeting Times:** 70-minute periods weekly (M-R)

**Prerequisites:** *None*

**Designation:** College Prep Elective

**Credits:** 0.5 high school

## **Robotics I**

**Description:** This course introduces students to the field of robotics. Using VEX EXP Robotics kits this course covers topics necessary to understand the fundamentals of robotics. Working in teams, students will build, program, design, and learn to document their progress. Students who successfully complete this course will understand robot movement, fundamentals of programming, SCRUM methodology, fundamentals of engineering as related to robotics, keeping an engineering notebook, and focus on teamwork and collaboration.

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

**Prerequisites:** *None*

**Designation:** College Prep

**Credits:** 1 high school

## **Yearbook I**

**Description:** This course helps produce The CEC Inverness High School yearbook. In this course, students will gain skills in the following areas: page design, publishing techniques, copy writing, editing, photography, record keeping, time management, teamwork, marketing, and leadership skills. Students are tasked with producing a timeless, creative, and innovative publication which will record our school's community, memories, and events. This course is a yearlong course with Yearbook II being offered in the Spring semester, students must enroll in both semesters.

**OPTIONAL: Adobe-Photoshop Certification.**

**Meeting Times:** Four 70-minute periods weekly (M-R)

**Prerequisites:** *None*

**Designation:** College Prep

**Credits:** 0.5 high school

## **Social & Emotional Well Being**

**Description:** This course introduces key therapeutic tools and techniques that promote the mental health and wellbeing of the individual. It focuses on building life skills, such as self-awareness and self-regulation while also aiming to reduce stress, anxiety, and the effects of trauma. The course particularly emphasizes skills building in three main areas: emotional regulation, resiliency, and relationship-building.

**Meeting Times:** Two 35-minute blocks weekly (M/W or T/R)

**Designation:** College Prep

**Prerequisites:** *none*

**Credits:** 0.25 high school

## **Visual Concepts 3-D Design (ART 1003)**

**Description:** Focuses on learning to apply the elements and principles of design to three-dimensional problems.

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

**Prerequisites:** *Previous ART 1201-Drawing and/or ART 1301 -Painting I, preferred*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

## **Drawing I (ART 1201)**

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

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

**Prerequisites:** *None*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

## **Jewelry and Metalwork I (ART 1604)**

**Description:** Introduces the construction of jewelry designs in metals and small casting techniques.

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

**Prerequisites:** *Completion of ART 1201 Drawing I, ART 1301 Painting I, ART 1003 Visual Concepts 3-D Design*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 high school

### **Introduction to Business (BUS 1015 | Not GT)**

**Description:** Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics.

**Certificates Available:** [Entrepreneurship and Small Business Management](#) Whether you are starting a bakery or launching the next billion-dollar startup, a certification in Entrepreneurship and Small Business validates a students' understanding of core business principles, including the essentials needed to launch and maintain a successful business. [Job Outlook for Business Professionals](#)

**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

### **Business Communication and Report Writing (BUS 2017 | Not GT)**

**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.

**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

### **Human Nutrition (HWE 1050 | Not GT)**

**Description:** Introduces basic principles of nutrition with emphasis on personal nutrition. This course focuses on macro and micronutrients and their effects on the functions of the human body. Special emphasis is placed on the application of wellness, disease, and lifespan as it pertains to nutrition.

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

**Prerequisites:** *None*

**Designation:** Arapahoe Community College

**Credits:** 3 college credits / 1 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.