



## **CECI Course Offerings | Spring 2022**

**All courses are semester-long courses. Although CECI 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. Course offerings and schedules are subject to change.**

### **ENGLISH**

COM 115	Introduction to Public Speaking
COM 125	Interpersonal Communication
ENG 099	English 099
ENG 121	English Composition I
ENG 122	English Composition II
LIT 201	World Literature
PENC 29	Creative Writing

### **MATH**

MAT 090	Algebra I
MAT 099	Algebra II
MAT 121	College Algebra
MAT 122	College Trigonometry
MAT 201	Calculus
PMAG 03	Geometry and Statistics

### **SCIENCE**

ANT 111	Biological Anthropology with lab
BIO 111	General College Biology with lab
CHEM 111	General College Chemistry I
ENV 110	Natural Disasters
PSCB 02	Biology B
PSCC 01	Chemistry with Lab

### **SOCIAL SCIENCE**

ANT 107	Introduction to Archeology
HIS 247	20 <sup>th</sup> Century World History
MUS 120	Music Appreciation
PSSC 02	American Government
PSSH 07	US History I
POS 125	American State and Local Government

### **COLLEGE & CAREER READINESS**

AAA 109	Advanced Academic Achievement
BUS 217	Business Communication and Report Writing

## WORLD LANGUAGES

PFLS 01	Spanish I
PFLS 04	Spanish II

## ELECTIVES

ART 132	Visual Concept 3-D Design
ART 161	Ceramics I
CIS 232	Unix Shell Programming
MUS 100	Music Theory Fundamentals I
PELB 04	WBL: Business – Entrepreneurship/Small Business Certificate
PELC 02	A+ Certificate
PELF 25	Robotics
PELH 03	Introduction to Theater
PELP 07	Microsoft Applications Certification
PELS 07	Resource Lab
PELS 27	Gifted Seminar
PELY 01	Yearbook
PHFLF 01	Lifetime Fitness
PSCG 03	Engineering Design

*Homework Expectations: For every hour of college prep class time, students should expect an average of half an hour of homework. For example, if a student is taking 6 hours of college prep classes daily, they should expect an average of 3 hours of homework a night or 15 hours of homework per week. Additionally, students taking college level courses should expect an average of 2-3 hours of homework per college credit per week. Expect a heavier workload for classes with 4 or 5 credit hours. For example, a student taking four 3 credit hour college classes (12 credits total) should expect an average of 24- 36 hours of studying per week.*

## ENGLISH

### Creative Writing (PENC 29)

**Description:** Intro to Theatre is a practical and academic dive into theatre studies, including reading two plays, developing acting and behind the scenes skills, practicing stagecraft, and culminating in writing and producing our own script.

**Prerequisites:**

**Designation:** College Prep

**Credits:** 1.0 High School

### English 099 (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.

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

**Designation:** College Prep

**Credits:** 1.0 High School

### **English Composition I (ENG 121 | 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.

**Prerequisites:** English 099 (recommended) and college ready ACCUPLACER scores (required).

**Designation:** Arapahoe Community College

**College Credits:** 3 College Credits / 1 High School

### **English Composition II (ENG 122 | 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.

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

**Designation:** Arapahoe Community College

**College Credits:** 3 College Credits / 1 High School

### **Public Speaking (COM 115)**

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

**Prerequisites:** College ready English ACCUPLACER scores

**Designation:** Arapahoe Community College

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

### **Interpersonal Communication (COM 125)**

**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.

**Prerequisites:** None

**Designation:** Arapahoe Community College

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

### **World Literature to 1600 (LIT 201 | GT-AH2)**

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

**Prerequisites:** College ready English ACCUPLACER scores

**Designation:** Arapahoe Community College

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

## MATH

### 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.

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

**Designation:** College Prep

**Credits:** 1 High School

### Geometry and Statistics (PMAG 03)

**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.

**Prerequisites:** Algebra I (MAT 090), and/or placement via 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.

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

**Designation:** College Prep

**Credits:** 1 High School

### College Algebra (MAT 121 | 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.

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

**Designation:** Arapahoe Community College

**College Credits:** 4 College credits / 1.5 High School

### College Trigonometry (MAT 122 | GT-MA1)

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

**Prerequisites:** MAT 121 with a grade of "C" or better; or equivalent Accuplacer placement scores.

**Designation:** Arapahoe Community College

**College Credits:** 3 College credits / 1 High School

### **Calculus I (MAT 201 | 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.

**Prerequisites:** MAT 122 or MAT 166 with a grade of “C” or better; or equivalent placement scores

**Designation:** Arapahoe Community College

**College Credits:** 5 College credits / 2 High School

## **SCIENCE**

### **Anthropology 111 (ANT 111 | GT-SC1)**

**Description:** Focuses on the study of the human species and related organisms, and examines principles of genetics, evolution, anatomy, classification, and ecology, including a survey of human variation and adaptation, living primate biology and behavior, and primate and human fossil evolutionary history.

**Prerequisites:** College ready English ACCUPLACER scores

**Designation:** Arapahoe Community College

**Credits:** 4 High School / 1.5 High School

### **Environmental Disasters (ENV 110 | GT-SC2)**

**Description:** Introduces different types of natural hazards, their causes, effects, and what can be done to reduce the risks to human populations. Scientific advances related to understanding, predicting, and preparing for natural disasters are discussed. This course also covers anthropogenic changes to Earth systems, which may be increasing the frequency and severity of these events.

**Prerequisites:** College ready English ACCUPLACER scores

**Designation:** Arapahoe Community College

**Credits:** 3 College Credits / 1 High School

### **Biology B (PSCB 02)**

**Description:** Focuses on ecosystems, interactions of populations within ecosystems, and the theory of evolution.

**Prerequisites:** None

**Designation:** College Prep

**Credits:** 0.5 High School

### **Chemistry with Lab (PSCC 01)**

**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.

**Prerequisites:** Biology/Physical Science, Algebra I

**Designation:** College Prep

**Credits:** 1.0 High School

### **Biology 111 (BIO 111 | GT-SC1)**

**Description:** General College Biology with lab. 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.

**Prerequisites:** High School Biology, College ready English and math ACCUPLACER scores

**Designation:** Arapahoe Community College

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

### **Chemistry 111 (CHE111 | GT-SC1)**

**Description:** General College Chemistry with lab. 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.

**Prerequisites:** High School Chemistry, and College ready English ACCUPLACER scores, and MAT 121 or higher.

**Designation:** Arapahoe Community College

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

## **SOCIAL SCIENCE**

### **Introduction to Archaeology (ANT 107 | GT-HI1)**

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

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

**Designation:** Arapahoe Community College

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

### **American Government (PSSC02)**

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

**Prerequisites:** None.

**Designation:** College Prep

**Credits:** 1 High School

### **Music Appreciation (MUS 120 | 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.

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

**Designation:** Arapahoe Community College

**Credits:** 3 College Credits / 1 High School

### **United States History I (PSSH 07)**

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

**Prerequisites:** None.

**Designation:** College Prep

**Credits:** 0.5 High School

### **20<sup>th</sup> Century World History (HIS 247 | GT-HI1)**

**Description:** Investigates the major political, social, and economic developments, international relationships, scientific breakthroughs, and cultural trends that have shaped the various global regions and nation-states from 1900 to the present. Emphasizes the interactions of global regions and nation-states.

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

**Designation:** Arapahoe Community College

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

### **American State and Local Government (POS 125 | 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.

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

**Designation:** Arapahoe Community College

**College Credits:** 3 College Credits / 1 High School

## **WORLD LANGUAGES**

### **Spanish I (PFLS 01)**

**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.

**Prerequisites:** None.

**Designation:** College Prep

**Credits:** 1 High School

### **Spanish II (PFLS 04)**

**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.

**Prerequisites:** Spanish I

**Designation:** College Prep

**Credits:** 1 High School

## **COLLEGE AND CAREER READINESS**

### **Advanced Academic Achievement (AAA 109)**

**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.

**Prerequisites:** None.

**Designation:** Arapahoe Community College

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

### **Business Communication and Report Writing (BUS 217)**

**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. Level 2 of Business Pathway.

**Prerequisites:** College ready English ACCUPLACER scores (required).

**Designation:** Arapahoe Community College

**Credits:** 3 College Credits / 1 High School

## **ELECTIVES**

### **A+ Certification (PELC 02)**

**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.

**Prerequisites:** Foundations of Computer Science is recommended.

**Designation:** College Prep

**Credits:** .5 High School

### **Ceramics I (ART 161 | GT-AH1)**

**Description:** Introduces traditional and contemporary ceramic forms and processes including hand building and throwing on the potter's wheel.

**Prerequisites:** None

**Designation:** Arapahoe Community College

**Credits:** 3 College Credits / 1 High School

### **Visual Concepts 3-D Design (ART 132)**

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

**Prerequisites:** None

**Designation:** Arapahoe Community College

**Credits:** 3 College Credits / 1 High School

### **Engineering Design (PSCG 03)**

**Description:** Introduction to Engineering Design is the second level course in the Engineering Career Pathway for students interested in developing their skills in preparation for careers in engineering and technology. The course covers essential knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to describe various engineering disciplines, as well as admissions requirements for postsecondary engineering and engineering technology programs in Colorado. They will also be able to identify simple and complex machines, calculate various ratios related to mechanisms, explain fundamental concepts



related to energy, understand Ohm's Law, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others.

**Prerequisites:** Engineering Technology, and enrollment in robotics

**Designation:** College Prep

**Credits:** 0.5 High School

### **Introduction to Theater (PELH 03)**

**Description:** Intro to Theater is a practical and academic dive into theater studies, including reading two plays, developing acting and behind the scenes skill, practicing stagecraft, and culminating in writing and producing your own script.

**Prerequisites:** None

**Designation:** College Prep

**Credits:** 0.5 High School

### **Gifted Seminar (PELS 27)**

**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.

**Prerequisites:** None

**Designation:** College Prep

**Credits:** 0.5 High School

### **Lifetime Fitness (PHFLF 01)**

**Description:** The Lifetime Sports class reinforces the importance of physical activity to one's health and in doing so, introduces students to various lifetime sports and recreational activities as fun and socially engaging options one might pursue to meet physical activity guidelines. Developing sport skill competency and understanding of key tactical aspects of game play/competition are associated with participation and therefore, are major focal points throughout the class. Along with monitoring their daily physical activity, students will set their own skill development goals, identify and engage in appropriate practice strategies, and monitor their own progress toward skill competency. As in all physical education classes, safety and injury prevention will also be emphasized throughout the course.

**Prerequisites:** None.

**Designation:** High School Prep

**Credits:** .25 High School

### **Microsoft Applications Certification (PELP 07)**

**Description:** This course is designed as a self-paced course that will allow students to earn various certifications in Microsoft Office Programs. Certifications will be offered in Microsoft Word, PowerPoint, and Excel. While this course is self-paced, it is the expectation that students will earn all three certifications before the end of the semester.

**Prerequisites:** None.

**Designation:** College Prep

**Credits:** 0.5 High School

### **Music Theory Fundamentals (MUS 100)**

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

**Prerequisites:** None

**Designation:** Arapahoe Community College

**Credits:** 3 College Credits / 1 High School

### **Resource Lab (PELS 07)**

**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.

**Prerequisites:** None

**Designation:** College Prep Elective

**Credits:** 0.5 High School, 1 day a week

### **Robotics (PELF 25)**

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

**Prerequisites:** None.

**Designation:** College Prep

**Credits:** 0.25 High School

### **UNIX Shell Programming (CIS 232)**

**Description:** Covers simple scripts to automate frequently executed commands followed by an explanation of adding conditional logic, user interaction, loops, menus, traps, and functions to enhance the productivity and effectiveness of the user. This course explores in detail a shell scripting language such as bash.

**Prerequisites:** None

**Designation:** Arapahoe Community College

**Credits:** 3 College Credits / 1 High School

### **Work Based Learning: Business (PELB 04)**

**Description:** Guides students through the evaluation of a business concept. This course will include writing a comprehensive business plan. This course explores both traditional and lean business planning

as a means to establish strategic vision and direction for a business. This course assesses the strengths and weaknesses of a business concept. This course will include identifying external and environmental factors related to business ownership and evaluating various resources available for funding small businesses. Course will culminate in earning a Small Business Certificate.

**Prerequisites:** None

**Designation:** College Prep

**Credits:** 1.0 High School

### **Yearbook (PELY 01)**

**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.

Note: This is a yearlong class.

**Prerequisites:** None

**Designation:** College Prep

**Credits:** 0.25 High School

## Academic Policy CEC Graduation Guidelines

### University and Associate Pathway

- I. English | 4 Credits
- II. Math | 4 Credits
- III. Science | 3 Credits
- IV. Social Science | 3 Credits
- V. World Languages | 2 Credits
- VI. College & Career Readiness | .5 Credits
- VII. Academic Electives | 3.5 Credits
- VIII. Associates Degree or 60 College Credits

### Career and Technical Education Pathway

- I. English | 4 Credits
- II. Math | 3 Credits
- III. Science | 2 Credits
- IV. Social Science | 2 Credits
- V. College & Career Readiness | .5 Credits
- VI. Academic Electives | 8.5 Credits
- VII. Industry Approved Certificate

#### I. English

Every student will be enrolled in an English class *every semester* until 4 English credits are earned. Completion of any 100-level college English course satisfies the requirement, regardless of credits.

#### II. Math

Every student will be enrolled in a math class every semester until 3 or 4 math credits are earned (depending on the pathway). Completion of any 100-level college Math course satisfies the requirement, regardless of credits.

#### III. Science

Every student must earn 2-3 science credits (dependent on the pathway).

#### IV. Social Science

Every student must earn 2-3 social science credits (dependent on the pathway), including Civics or U.S. Government (state requirement).

#### V. World Languages

Every student must complete level II proficiency of a language if on the University Pathway.

#### VI. College and Career Readiness

Every student must earn .5 credits in College and Career Readiness.

#### VII. Academic Electives

Electives can be completed at the high school or college level.

## UNIVERSITY PATHWAY

<p><b>Associate of Science Degree = 60 college credits</b></p> <p><b>English</b> = 2 classes (6 credits) ENG 121 and ENG 122</p> <p><b>Communication</b> = 1 class (3 credits) COM 115 or COM 125 or COM 220</p> <p><b>Mathematics</b> = 1 class MAT 121 or higher</p> <p><b>Art &amp; Humanities</b> = 2 classes (6 credits) Two Guaranteed Transfer Arts &amp; Humanities courses from two different areas. Can include LIT, PHI, HUM, MUS, ART, THE, any 200 level language)</p> <p><b>Social &amp; Behavioral Science</b> = 2 classes (6 credits) Two Guaranteed Transfer Social &amp; Behavioral Science courses. Can include ECO, POS, GEO, ANT, CRJ, PSY, SOC, WST, COM 220, CRJ 110, ETH 200, JOU 105</p> <p><b>History</b> = 1 class (3 credits) One Guaranteed Transfer course from: History</p> <p><b>Natural Science</b> = 3 classes (12 credits) Two LAB course sequence in any Guaranteed Transfer Science discipline (GT-SC1) and an additional Guaranteed Transfer LAB Science course</p> <p><b>Electives</b> = 21 credit hours See ACC catalog for more detail</p>	<p><b>Associate of Arts Degree = 60 college credits</b></p> <p><b>English</b> = 2 classes (6 credits) ENG 121 and ENG 122</p> <p><b>Communication</b> = 1 class (3 credits) COM 115 or COM 125 or COM 220</p> <p><b>Mathematics</b> = 1 class MAT 120 or higher</p> <p><b>Art &amp; Humanities</b> = 2 classes (6 credits) Two Guaranteed Transfer Arts &amp; Humanities courses from two different areas. Can include LIT, PHI, HUM, MUS, ART, THE, any 200 level language)</p> <p><b>Social &amp; Behavioral Science</b> = 2 classes (6 credits) Two Guaranteed Transfer Social &amp; Behavioral Science courses. Can include ECO, POS, GEO, ANT, CRJ, PSY, SOC, WST, COM 220, CRJ 110, ETH 200, JOU 105</p> <p><b>History</b> = 1 class (3 credits) One Guaranteed Transfer course from: History</p> <p><b>Student Option</b> = 1 class (3 credits) One Guaranteed Transfer Arts &amp; Humanities / Social &amp; Behavioral Science / History course</p> <p><b>Natural Science</b> = 2 classes (7 credits) Two Guaranteed Transfer courses from: Natural and Physical Sciences, including at least one LAB course</p> <p><b>Electives</b> = 23 credit hours See ACC catalog for more detail</p>
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For other Transfer Degrees that allow you to graduate from a community college with a 60-credit Associate of Arts or Associate of Science degree, enroll with junior status at a university and complete the bachelor's degree in no more than 60 credits (for a total of 120 credits) click [HERE](#).

## CAREER PATHWAYS @ CECI

	<b>Business</b>	<b>Engineering</b>	<b>Health Science</b>	<b>Computer Science</b>
<b>Level 1</b> (Fall, Yr 1)	BUS 115 Introduction to Business	Engineering Technology	HWE 111 Health and Wellness	Computer Science Foundations
<b>Level 2</b> (Spring, Yr 1)	BUS 217 Business Communication and Report Writing	Engineering Design	HWE 100 Human Nutrition	CIS 220 Intro to Unix
<b>Level 3</b> (Fall, Yr 2)	ENP 105 Entrepreneurship	CAD 101 Computer Aided Drafting I	Exercise and Health Science I  (HWE 124)	CNG 202 Unix/Linux Server Admin
<b>Level 4</b> (Spring, Yr 2)	WBL: Business	CAD 102 Computer Aided Drafting II	Exercise and Health Science II	CIS 232 Unix Shell Programming
<b>Certification</b>	Entrepreneurship and Small Business Certification	Auto-Desk Auto CAD	NCSF Personal Trainer Certification	Linux or Unix Certification

For a full list of certificates and AAS offerings at the Arapahoe Community College campus, click [HERE](#)

Students also can pursue certificate programs at any of our other college partners including:

[Community College of Denver](#)

[Red Rocks Community College](#)

[Community College of Aurora](#)

[Pickens Technical College](#)

[Front Range Community College](#)

[AIMS Community College](#)