



Program Overviews of Advanced Placement and Concurrent Enrollment at CVHS



There are a million paths to your future. By giving you the opportunity to take college-level classes in areas that interest you, Advanced Placement (AP) and concurrent enrollment (CE) courses help you find and pursue your unique direction. We are proud to offer a number of rigorous courses in both of these programs.

Similarities in both programs:

These classes give you the academic skills you need in college and can also give you more time to concentrate on the subjects that interest you. Just like in college, you'll face new challenges and learn new skills in the subjects you care about. When college admissions officers see "AP" or college-level courses (i.e. "ACC") on your transcript, they know that what you experienced in a particular class has prepared you well for the challenges of college.

When students commit to taking AP and CE classes, they make a commitment to college-level work. AP and CE classes cannot be 'dropped' from a student's schedule if they later change their mind about the workload and expectations. Students who sign up for these classes but later show a reluctance to take a placement test or keep up with the workload often create a hole in their schedules because we do not have an extra class where we can move them. Students should only register for these classes after talking through these commitments with their families, teachers, and/or counselors.

Bottom line: both programs look great on college applications, both programs prepare students for future academic classes by exposing students to rigorous skills and content, and both programs equate to cost savings for parents and students in college tuition.

Things to consider when deciding which course to register for:

As you read through this guide, keep in mind that some students may choose to take "a la carte" classes in a particular subject, or choose to focus on one program or pathway. Many students will consider blending some AP courses with some concurrent enrollment courses as they build a tailored plan to reach their individual college and career goals. Early identification of a general field of study will guide the AP or CE classes that a student may select. If getting college credit is a goal, students can also use passing AP exam scores to transfer into college credit as a part of degree pathway in addition to CE classes (see more on this below).

Many of our offerings meet specific degree requirements. For instance: Music Appreciation often meets an Arts & Humanities requirement, or Public Speaking might meet an Oral Communications requirement. AP Biology would also transfer into a Natural/Physical Science requirement, and AP Psychology could meet a Social/Behavior Sciences requirement (with passing exam scores). Because of this, we encourage students to consider courses like Music Appreciation while in high school to meet the general education requirements of a college degree program (for those that apply).

You will also see that we offer different subjects in both programs. For example, we are able to offer Advanced Placement courses in subjects like the arts, economics, psychology, and the sciences;



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whereas we are able to offer concurrent enrollment credit in engineering, communications, business and marketing.

If you see subjects like English, math, and social studies where we are able to offer both AP and CE classes, things to consider include:

- Individual students' strengths (i.e. readiness for an AP curriculum) and grades in class leading up to these courses. Students entering AP classes should be earning As and high Bs in classes leading up to them (often taking honors or advanced classes) and demonstrate readiness on assessments like the PSAT (i.e. high scores). Students also need to make a commitment to advanced coursework rates and expectations (homework, study sessions, etc.).
- Likewise, students wishing to take a concurrent enrollment course need to meet prerequisites and demonstrate readiness for college-level curriculum through strong grades in that subject. Students with grades below a 'B' are strongly cautioned to consider other courses.
- Math: what math is required for a student's career goals? Some fields of study require statistics, whereas others might require accounting, college algebra, or another. You can find out more about this [HERE](#).
- Many of our concurrent enrollment courses have the "GT" (Guaranteed Transfer) status within the state of Colorado to any 2 or 4-year college or university. Beyond that, students need to call prospective colleges to inquire as to what classes will transfer into their degrees. AP Scores are relative as well, as some schools accept 3s, 4s, or 5s for college credit. You can usually find this information on a college's website or work with an admissions counselor to find out what scores are accepted and what type of college credit will be assigned (within degree programs or as elective credit only). A full list of approved Colorado GT courses can be found [here](#) on the CDE website.
- CE classes only result in credit after a passing grade of a 'C' or better is earned in the class. AP classes result in college credit with a passing exam score that is accepted by the college or university that the student attends after graduation. ([Here is an example from CU Boulder.](#))
- If you have questions about how to build a 4-year plan for your high school student, please contact your student's counselor to discuss appropriate placement and graduation requirements.
- For concurrent enrollment questions, please work through the high school counselors and CE coordinator. Do not contact ACC directly as they do not work specifically with high school concurrent enrollment students and this can lead to mixed responses.



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ADVANCED PLACEMENT:

Taking an AP class is a sign that you're up for the most rigorous classes your high school has to offer in a subject. AP® courses are college-level courses offered in high school with an opportunity to earn valuable credit and placement in college. These classes also have weighted grades.

- By taking an AP course and scoring successfully on the related AP Exam, you can possibly save money on college expenses. Check out specific colleges' guidelines on accepting AP scores for credit and placement by searching the [AP Credit Policy database](#).
- Although there is no tuition fee for AP classes, students are required to purchase textbooks (varies by course) and pay for their AP exams (usually \$94).
- CVHS added the prestigious AP Capstone program in 2019. Students who earn scores of 3 or higher in AP Seminar & AP Research and on four additional AP Exams of their choosing will receive the AP Capstone Diploma™.
- The AP Scholar Awards recognize high school students who have demonstrated exemplary college-level achievement on AP Exams. A roster of award recipients is provided online to their secondary schools and districts.
- To view more detailed information from the Advanced Placement presentation to parents at Back to School Night, [please click here](#).

ADVANCED PLACEMENT COURSE OFFERINGS:

AP 2-D Art and Design

AP Biology

AP Calculus AB

AP Calculus BC

AP Chemistry

AP Computer Science Principles

AP Drawing

AP English Language and Composition

AP English Literature and Composition

AP Environmental Science

AP French Language and Culture

AP German Language and Culture

AP Human Geography

AP Macroeconomics

AP Physics C: Mechanics

AP Psychology

AP Research (part 2 of the AP Capstone)

AP Seminar (part 1 of the AP Capstone)

AP Spanish Language and Culture

AP Statistics

AP U.S. Government and Politics

AP United States History

AP World History: Modern

To find out more about the College Board's Advanced Placement Program, please visit:
<https://apstudents.collegeboard.org/>.

To view more detailed information from the Advanced Placement presentation to parents at Back to School Night, [please click here](#).



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CONCURRENT ENROLLMENT (ACC classes):

Concurrent enrollment classes benefit students by increasing the flexibility of academic options, increasing the ease of access to college coursework, and preparing students for a better transition into college.

- These are college classes taught at CVHS by DCSD high school teachers who meet current college faculty guidelines.
- Tuition is paid by DCSD, but students pay textbook and/or course fees. This helps lower the cost of college.
- CVHS concurrent enrollment classes are run through Arapahoe Community College and are listed as “ACC” on the student registration forms.
- Students must complete all enrollment steps, including applying to ACC, completing a CE Enrollment Form, and meeting all prerequisites by the deadlines.
- Many of these courses lead to either an associate's degree (AA) or certification in a specific industry, and several have guaranteed transferability to any 2- or 4-year college/institution in Colorado with a passing grade of a C or better.
- To find out more about pathways and the classes that we offer at CV, please visit <https://castleviewhs.com/students/special-academic-programs/concurrent-enrollment/>. Click on any of the degree pathways to find out what classes are required for each degree or certificate program.

CASTLE VIEW CONCURRENT ENROLLMENT COURSE OFFERINGS:

BUS 115 Introduction to Business	ENG 121 English Composition 1 -GT
BUS 116 Personal Finance	ENG 122 English Composition 2 -GT
CIS 118 Intro to PC Applications	LIT 115 Intro to Literature -GT
MAR 160 Customer Service	MAT 120 Math for LiberalArts -GT
MAR 155 Social Media Business	MAT 121 College Algebra (4 credits) -GT
ACC 121 Accounting Principles I (4 credits)	MAT 135 Introduction to Statistics -GT
MAR 216 Principles of Marketing	MAT 204 Calculus with Engineering
MAR 235 Consumer Behavior	Applications/Calculus III (5 credits) -GT
CNG 121 69021 Comp Tech I: A+	HWE 100 Human Nutrition
CNG 124 69023 Networking I: Network+	HWE 111 Health and Fitness
CNG 260 CISCO Network Associate I	MUS 120 Music Appreciation -GT
CNG 261 CISCO Network Associate II	HIS 121 US History to Reconstruction -GT
CNG 262 CISCO Network Associate III	*SPA 111 Spanish Language I (equal to
CNG 263 CISCO Network Associate IIII	Spanish III, 5 prereq credits)
CSC 119 Intro to Programming	*SPA 112 Spanish Language II (equal to
COM 115 Public Speaking	Spanish III, 5 prereq credits)
COM 125 Interpersonal Communications	SPA 211 Spanish Language III -GT
CAD 255 Solidworks	SPA 212 Spanish Language IV -GT

All classes earn 3.0 college credits through ACC, unless otherwise noted. To view more detailed information on CVHS's concurrent enrollment from the parent presentation at Back to School Night, [please click here](#).

Frequently Asked Questions:

1. **I hear that AP classes are better to take if I am planning to go to college out of the state. Do out of state colleges and universities accept concurrent enrollment credit?**

This can be somewhat confusing. Many CE classes meet the State of Colorado Guaranteed Transfer Agreement and so will transfer to credit at any 2- or 4- year college or university within Colorado. Colleges outside of the state would review a student's ACC transcripts to decide whether or not to grant transfer credit (just like they do with any college student who transfers schools) and if that credit can be applied to a student's major or as elective credit.

Advanced placement scores are readily accepted across the country, but colleges and universities have different criteria for what scores they will accept (more exclusive schools might only accept a 4 or 5). Some highly selective universities may not accept AP scores at all or reclassify what type of credit a student carries forward for college credit. Sometimes students are still required to take the college-equivalent course with a passing AP score because it is within a student's degree program.

Best practice is to look into what college and university requirements are by researching on the school's website or speaking to an admissions counselor to make an informed decision.

2. **If I sign up for a CE class but do not meet the requirements, can I just take the class for no college credit?**

No. All students in ACC titled concurrent enrollment classes must meet all requirements.

3. **If I sign up for an AP or CE class and then change my mind, can I just change my schedule?**

No. We build our entire building schedule for the following year based on courses students request. Carefully weigh the options and expectations during this registration time with the full knowledge that you are making a commitment to college-level work (and completing all enrollment steps which can be found [here](#)).

4. **If I need an Accuplacer (i.e. placement) test to take a CE class, when can I do that?**

We will offer Accuplacer tests a few times each year (usually in May for the following school year, and again in November for spring semester classes). This will be communicated through our teachers, concurrent enrollment coordinators and specialists, and announcements.

5. **If I sign up for an AP class, do I have to take the exam?**

Yes. CVHS policy is that all AP students take the exam in May at the conclusion of the school year. College Board requires that we order exams for students in the early fall.

6. **Are any AP or CE classes available for my freshman to take?**

Yes! Freshmen can sign up for ACC Intro to Computer Applications or AP Human Geography (as a part of our honors freshmen humanities program). More courses open for registration each year as students progress through high school. The online course guide will indicate which classes are available to students in different grades of high school.

Sometimes parents can be surprised that their students can earn college credit through one of these opportunities as a freshmen. Classes are available based on appropriateness for each grade and opportunity for students to meet prerequisites. If you receive notification to complete concurrent enrollment application steps, please complete this request because it is required for the course.

7. Can I get my tuition paid for if I take classes at Arapahoe Community College?

This is only true when upperclassmen have already exhausted all the CE and AP courses we have to offer in that subject at DCSD high schools, and these classes require pre-approval from the student's school and district offices.

For example, if a student has already taken all CVHS computer networking courses and is ready to continue onto an ACC Cybersecurity pathway, we will work with that student to plan next steps. Or, if a student is applying for a Nurse's Aide Certificate, or another is ready to take advanced business coursework, our counselors would work with these students to apply for courses at ACC while in high school.

Do not sign up for ACC classes on your own without prior approval or you will be billed by ACC.

8. Where can I find more information?

<https://castleviewhs.com/students/special-academic-programs/>

**SAMPLE *Potential* 4 YEAR PLAN FOR toward a
GENERAL Associates of Arts @ CVHS with a combination of Advanced
Placement, Concurrent Enrollment, and traditional high school credit classes**

NOTE: this largely depends on the student's entry level as a freshman. There is flexibility when students will take these classes (by semester and by year), and off-periods can sometimes be filled when additional opening are available. The classes listed here are not students' only options, but careful, advanced planning is encouraged. Courses may shift over 4 years as students identify areas of interest. See CVHS [Course Planner](#) for all course options at bit.ly/registration-cvhs

Freshman Year (7.5 min / 8.0 max)

.5 English I (or honors)	.5 English I (or honors)	.5 Geography (or AP Human Geo)	.5 World History (or AP Human Geo)
.5 Biology	.5 Biology	.5 CIS118	.5 general high school elective (PE, art, business, music, etc.)
.5 Math II	.5 math II	.5 math III	.5 math III
.5 World lang. level 1	.5 World lang. level 1	.5 World lang. level 2	.5 World lang. level 2

Sophomore Year (6.5 min / 7.0 max)

.5 World lang. Level 3 or SPA111	.5 World lang. Level 3 or SPA 112	.5 Chemistry	.5 Chemistry
.5 English II (or honors)	.5 English II (or honors)	.5 US History (or honors)	.5 US History (or honors)
.5 Math IV	.5 Math IV	.5 AP Psych or AP Econ	.5 AP Psych or AP Econ
.5 HWE100	.5 COM115	.5 Off Hour (or additional only as available)	.5 Off Hour (or additional only as available)

Junior Year (6.0 min / 7.0 max)

.5 ENG121 or AP Lang	.5 ENG121 or AP Lang	.5 ENG122	.5 ENG122
.5 Math V	.5 Math V	.5 HIS121	.5 HIS121
.5 COM115 or Gov	.5 an AP Science	.5 an AP Science	.5 an AP Science
.5 World lang. Level 4 or SPA211	.5 World lang. Level 4 or SPA212	.5 Off Hour (or additional only as available)	.5 Off Hour (or additional only as available)

Senior Year (5.0 min / 6.0 max)

.5 an AP Science	.5 an AP Science	.5 an AP Science	.5 MUS120 or Gov (AP or regular)
.5 LIT115 or AP Lit	.5 LIT115 or AP Lit	.5 ACC121 or BUS115 or another, HWE111, CE elective	.5 ACC121 or BUS115 or another, HWE111, CE elective
.5 any AP or CE math (such as MAT120, MAT135, MAT121, AP Calc, AP Stats)	.5 any AP or CE math (such as MAT120, MAT135, MAT121, AP Calc, AP Stats)	.5 AP World lang. OR ACC121 or BUS115 or another, HWE111, CE elective	.5 AP World lang. OR ACC121 or BUS115 or another, HWE111, CE elective
.5 Off or Internship	.5 Off or Internship	.5 Off Hour (or additional only as available)	.5 Off Hour (or additional only as available)

INTRODUCTION TO HEALTHCARE



ALLIED HEALTH PRE-APPRENTICESHIP FOR DSCD HIGH SCHOOL STUDENTS

ACC and Centura Health are offering an allied health/medical support pre-apprenticeship program to help DCSd high school students learn about opportunities in healthcare and how to get started.

The pre-apprenticeship program includes concurrent enrollment in HPR 123 Introduction to Healthcare (2 credits). This survey course gives an overview of five career types that are part of the ACC Health Pathway. The course covers foundations in: health maintenance, employability skills, teamwork, healthcare systems, communications, and legal issues in healthcare.

DCSD students meet weekly on Fridays 7:30-9:30am. Meeting locations rotate between the ACC Sturm Collaboration Campus, along with the Parker and Castle Rock hospitals for the shadowing experience.

Program Criteria:

- 3.0 GPA or greater
- Interest in attending a Trade/Technical school or community college post-graduation
- Reliable transportation to/from Centura facilities
- Obtain flu shot and maintain vaccinations, as required by the facility
- Interest in health professions
- 16+ years of age

HPR 123 Introduction to Healthcare 2 credits

Shadowing experiences in
the following occupations:

- Nutrition Services
- Sterile Processing
- Phlebotomist
- Medical Assistant
- CNA
- Surgical Technician
- Medical Lab Technician
- Radiology Technician



For information
or accommodations:

ACC Sturm Collaboration Campus
303.660.3160 | castle.rock@arapahoe.edu

What Is the AP Capstone Diploma Program?

AP Capstone™ is a diploma program based on two AP courses: **AP Seminar** and **AP Research**. These yearlong courses focus on developing the critical thinking, research, collaboration, time management, and presentation skills you need for college-level work.

AP Seminar

In this course, you'll learn to consider an issue from multiple perspectives, identify credible sources, evaluate strengths and weaknesses of arguments, and make logical, evidence-based recommendations. You'll investigate a variety of topics through various viewpoints of your choice.

During the course, you'll complete a team project and an individual paper and presentation, as well as take a written end-of-course exam. These components contribute to the overall AP Seminar score.

AP Seminar is a prerequisite for AP Research.

AP Research

In AP Research, you'll explore various research methods and complete an independent research project. Your project can build on a topic, problem, or issue you covered in AP Seminar or on a brand new topic of your own choosing.

At the end of the project, you'll submit your academic paper and present and defend your research findings. These components contribute to the overall AP Research score. There is no end-of-course exam.

Here are some topics that students have chosen to investigate in **AP Seminar**:

- Effect of texting on grammar skills
- Food waste solutions
- Future of the automotive industry
- Importance of voting age and civic participation of teens
- Mathematics behind extreme sports
- Genetically modified organisms
- Role of art in education
- Wealth inequality

Visit the AP Seminar student home page at apstudent.org/seminar

Here are some topics that students have chosen to investigate in **AP Research**:

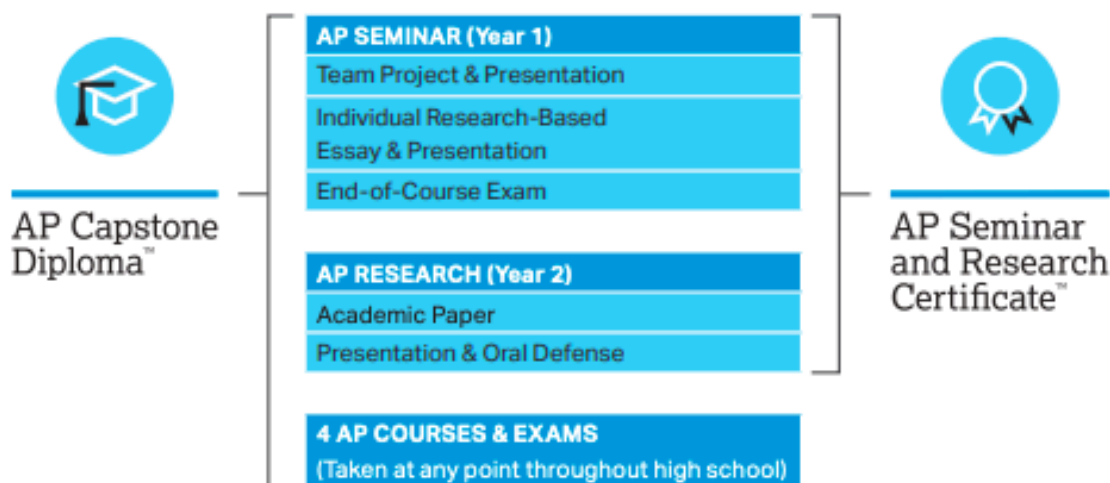
- 3-D printed prosthetics for amputees
- Algorithm of K-POP music
- Effects of sleep deprivation on academic achievement in teens
- Learning chemistry through musical chords
- Environmental injustice in subsidized housing
- Effect of popular opinion on the implementation of Supreme Court decisions

Visit the AP Research student home page at apstudent.org/research

How It Works

If you earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of your choice, you'll receive the **AP Capstone Diploma™**.

If you earn scores of 3 or higher in AP Seminar and AP Research, you'll receive the **AP Seminar and Research Certificate™**.



What AP Capstone Alumni Say

"Just do it. ... Not a day goes by where I don't use a skill I learned in the course."

—REAGAN, THE UNIVERSITY OF OKLAHOMA

"AP Capstone helped me stand out from other applicants."

—ELIZABETH, INDIANA UNIVERSITY BLOOMINGTON

"My experience in AP Capstone gave me exposure to a field I couldn't really access in the normal school curriculum."

—KAELIN, THE UNIVERSITY OF TEXAS-AUSTIN

"AP Capstone helped me work independently, think critically about research and the research process, and organize myself so I can present to other people."

—MICHAEL, STANFORD UNIVERSITY

"AP Capstone has given me skills that helped me easily adjust to the college environment."

—DESTINI, TEMPLE UNIVERSITY

Learn more about AP Capstone at collegeboard.org/apcapstone.