Mac Behrhorst '19
Hamilton College
Enrollment
Upper School Enrollment 9-12: 418
Total Enrollment (PK-12): 1,010
Class of 2021: 101

GRADUATION REQUIREMENTS
- English: 4 years
- Mathematics: 3 years; 4 years recommended
- Global Language: 3 years of the same language
- Science: 3 years
- Social Studies: 3 years
- Visual and Performing Arts: 2 years
- Athletics: 2 years
- Experiential Education: One week each year
- Computer Science/Engineering & Design: 2 trimester credits
- Freshman Academic Intensive

Trimester Calendar
Colorado Academy follows a trimester calendar with grades issued at the conclusion of each term (November 13, 2020; February 26, 2021; and May 28, 2021).

Curriculum
Colorado Academy offers a college preparatory curriculum emphasizing the basic disciplines in the liberal arts and sciences. The school emphasizes 21st century skills, including critical thinking and problem solving, communication, collaboration, creativity, cultural competence, and character development.

COURSE OFFERINGS
(H) Honors (AP) Advanced Placement

ENGLISH
- Grade 9: Coming of Age in the World
- Grade 10: American Literature
- English Literature (AP)
- Grades 11 & 12: Seminar Electives (H), such as Contemporary Literature of the Middle East, Short Fiction, Shakespeare, Modernism, Indian Literature, Poetry Writing, African Literature, and Southern Gothic.

GLOBAL LANGUAGES
- Chinese I, II, III, IV
- Chinese Language & Culture (AP)
- French I, II, III, IV
- French Advanced Seminars (H)
- French Language & Culture (AP)
- Spanish I, II, III, IV
- Spanish Advanced Seminars (H)
- Spanish for Heritage Speakers (H)
- Spanish Language & Culture (AP)
- Spanish Literature (AP)

SOCIAL STUDIES
- Global Perspectives in the 21st Century
- American History
- European History (AP)
- Economics (AP): Macro- and Micro-economics
- Human Geography (AP)
- Grades 11 & 12: Seminar Electives (H), such as War on Terror, The Supreme Court, World War I and II, History of the Cold War, Haiti, Cultural History of Jazz, Gender Studies, History of Persuasion, Vietnam, The Cuban Reality, and Modern China.

MATH
- Math 1; Math 2; Math 2e
- Math 3: Non-linear Functions and Trigonometry
- Advanced Algebra (H)
- Pre-Calculus; Pre-Calculus (H)
- Calculus
- Calculus, AB (AP)
- Calculus, BC (AP)
- Statistics (AP)
- Advanced Topics (Post-AP)
SCIENCE
- Biology; Advanced Biology (H)
- Conceptual Chemistry; Chemistry; Chemistry (AP)
- Environmental Chemistry (H)
- Physics (H); Physics I (AP); Physics C (AP)
- Physiology (H)
- The Science of Climate Change (H); Sustainable Energy; Tiny Earth (H)

COMPUTER SCIENCE
- Introduction to Computer Programming with Python
- App Design and the Internet of Things
- Greenfoot Game Design and Physical Computing
- Python for Biologists
- Introduction to Probability and Randomness
- Data Analytics with Excel, SQL, and Tableau
- Programming with Swift
- Computer Science Principles (AP)
- Computer Science (AP)
- Adv. Computer Science & Data Structures (Post-AP)

ENGINEERING AND DESIGN
Courses such as:
- Robotics
- Audio Engineering
- Visual Design & Algorithmic Art
- 3D Digital Design & Fabrication
- Flight
- Toy Making
- Human-Centered Design
- Performance Innovations

Visual and Performing Arts
- Painting
- Digital Photography
- Filmmaking
- Ceramics
- Sculpting
- Dance
- Private Music Lessons
- Instrumental Ensembles
- Jazz/Rock Combos
- Choir
- Specialized Vocal Groups
- Dramatic Production
These are just some of the ways CA’s Visual and Performing Arts program gives students the opportunity to discover and cultivate their creative interests. Selected students pursue advanced options in studio art, photography, film, dance, theater, tech theater, and musical performance.

Athletics
Colorado Academy has some of the most competitive interscholastic teams in Colorado 3A, 4A, and 5A competition
- Coed Cross Country
- Girls Field Hockey
- Boys Golf
- Boys Soccer
- Boys Tennis
- Coed Ultimate Frisbee
- Girls Volleyball
- Boys Basketball

(continued on page 4)

26% of students of color
93% of students exceed the 2-year Visual and Performing Arts requirement
85% of Upper School students play competitive sports
Girls Basketball
Ice Hockey
Coed Rock Climbing
Girls Swimming
Baseball
Girls Golf
Boys Lacrosse
Girls Lacrosse
Girls Soccer
Girls Tennis

Grading Scale
Colorado Academy uses the traditional A-F grading scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Equivalent</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>(4.0)</td>
<td></td>
</tr>
<tr>
<td>A-</td>
<td>(3.67)</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>(3.0)</td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td>(2.67)</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>(2.33)</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>(1.67)</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>(1.0)</td>
<td></td>
</tr>
<tr>
<td>D-</td>
<td>(0.67)</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>(0.00)</td>
<td></td>
</tr>
</tbody>
</table>

For athletics, Practicum classes, and certain elective courses, the following grading letters are used:

HP = High Pass
P = Pass
F = Fail

(Athletics continued from page 3)

GRADE WEIGHTING
Only AP (Advanced Placement) courses generate weighted grades.

CLASS RANK
Given the selective nature of admission to Colorado Academy, we do not rank our students.

Cumulative GPA Distribution
Class Of 2021

<table>
<thead>
<tr>
<th>Grade Range</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5-2.99</td>
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</tr>
<tr>
<td>3.0-3.29</td>
<td>11</td>
</tr>
<tr>
<td>3.3-3.59</td>
<td>13</td>
</tr>
<tr>
<td>3.6-3.79</td>
<td>25</td>
</tr>
<tr>
<td>3.8-3.99</td>
<td>9</td>
</tr>
<tr>
<td>4.0-4.09</td>
<td>8</td>
</tr>
<tr>
<td>4.1+</td>
<td></td>
</tr>
</tbody>
</table>

Class of 2020, Standardized Testing

ACT
Middle 50% 28-33 | Mean 30.2

SAT Reading/Writing
Middle 50% 640-720 | Mean 674

SAT Math
Middle 50% 540-740 | Mean 674

In 2020, 184 students took 398 AP exams in 17 subject areas.

Redi Lab
REDI (Research, Entrepreneurship, Design, and Inquiry) Lab asks select high school Juniors and Seniors to independently design innovative research and learning projects. These self-directed learners grow to be skilled problem solvers.

Experiential and Global Education
By turning the outdoors into their classroom, students learn geology, history, geography, anthropology, natural history, and stewardship of the environment. CA also encourages students to become global citizens with foreign travel and exchange school programs.

Leadership and Service
CA students take pride in offering peer leadership, both informally and with formal training through the Community Leadership Team (CLT). Every Senior also identifies an individual service passion and implements a project which meets a community need outside the school.

Innovation Lab
With access to everything from automated machine tools to a 3-D printer and laser cutter, the 1,300 square foot two-story Innovation Lab challenges students to turn their designs and inventions into reality.

Students HOPE
For more than 25 years, HOPE, a volunteer program run entirely by students, has brought thousands of low-income families from around Denver to campus for a day that includes a hot holiday meal, clothing, games, visits with Santa Claus, gifts, and health checks.

Mhari Brigham ’19
Pepperdine University
Colleges Attended by Graduates in Classes 2016-2020

Amherst College
Arizona State University
The University of Arizona
Auburn University
Augustana College
Barnard College
Bates College
Beloit College
Bennington College
Bentley University
Boston College
Boston University
University of British Columbia (Canada)
Brown University
Bucknell University
California Institute of Technology
Cal Poly, San Luis Obispo
University of California-Berkeley
University of California-Davis
University of California-Irvine
University of California-Santa Barbara
Case Western Reserve University
Champlain College
Chapman University
College of Charleston
University of Chicago
Claremont McKenna College
Clemson University
Colby College
Colgate University
University of Colorado Boulder
Colorado Christian University
Colorado College
Colorado School of Mines
Colorado State University-Fort Collins
Colorado State University-Pueblo
Columbia University
Concordia College at Moorhead
Connecticut College
Cornell College
Cornell University
Creighton University
Dartmouth College
Davidson College
Denison University
University of Denver
DePauw University
Dickinson College
DigiPen Institute of Technology
University College Dublin (Ireland)
Duke University
Eckerd College
Elon University
Embry-Riddle Aeronautical University
Emerson College
Emory University
Franklin and Marshall College
George Washington University
Georgetown University
University of Georgia
Gonzaga University
Hamilton College
Harvard College
Harvey Mudd College

(continued on page 6)
High Point University  
Howard University  
Hope College  
Indiana University  
Ithaca College  
Johns Hopkins University  
Kenyon College  
Knox College  
Lafayette College  
Lehigh University  
Lewis & Clark College  
Loyola Marymount University  
Loyola University Maryland  
Macalester College  
Marion Military Institute  
Marquette University  
Maryland Institute College of Art  
Massachusetts Institute of Technology  
McDaniel College  
Miami University-Oxford  
University of Miami  
University of Michigan-Ann Arbor  
Middlebury College  
Montana State University  
Muhlenberg College  
New York University  
The University of North Carolina at Chapel Hill  
Northeastern University  
University of Northern Colorado  
Northwestern University  
University of Notre Dame  
Oberlin College  
Occidental College  
Ohio Wesleyan University  
University of Oklahoma  
Oregon State University  
Pennsylvania State University  
University of Pennsylvania  
Pepperdine University  
Pitzer College  
Pomona College  
Princeton University  
University of Puget Sound  
Purdue University  
University of Redlands  
Reed College  
University of Rhode Island  
Rhodes College  
Rice University  
University of Richmond  
Rollins College  
Rose-Hulman Institute of Technology  
Saint Anselm College  
College of Saint Benedict  
San Diego State University  
University of San Diego  
Santa Clara University  
Sewanee: The University of the South  
Skidmore College  
Smith College  
University of Southern California  
Southern Methodist University  
Saint Edward’s University  
St. John's College - Santa Fe  
St. Lawrence University  
St. Olaf College  
University of St. Thomas  
University of Stirling (Scotland)  
Stanford University  
Swarthmore College
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