

CAAT High School Pathways and Early College Opportunities

At Caat, high school is designed with purpose. Our goal is to help every student graduate prepared for college, career, and life. Beginning early in high school, students follow a pathway that allows them to explore their interests while completing rigorous college preparatory coursework.

STEM Pathway (Science, Technology, Engineering, and Math)

The STEM pathway is designed for students who enjoy problem solving, technology, science, and innovation. Students take courses that strengthen skills in mathematics, computer science, engineering concepts, and applied technology while also completing strong core academic classes.

The ideal student for the STEM pathway is curious about how things work, enjoys building or designing solutions, and likes tackling challenges that require logic and critical thinking. Students interested in careers such as engineering, medicine, technology, data science, or other science based fields often thrive in this pathway.

Arts Pathway

The Arts pathway is designed for students who enjoy creativity, expression, and artistic exploration. Students have opportunities to develop skills in areas such as visual arts, music, digital media, design, and creative production while also completing rigorous college preparatory courses.

The ideal student for the Arts pathway enjoys creating, performing, designing, or expressing ideas visually or artistically. Students interested in careers in media, design, performing arts, communications, architecture, or other creative industries benefit from this pathway.

Early College and CAL-GETC

Students in both pathways can participate in Caat's early college model, which allows them to take real college classes while still in high school through partnerships with Bakersfield College and California State University programs. These courses are offered at no cost to families and students earn both high school and college credit.

Students may work toward completing CAL-GETC (California General Education Transfer Curriculum) while in high school. CAL-GETC is a set of college courses that fulfills the general education requirements for both the University of California and California State University systems. These courses typically include college level writing, math, social sciences, humanities, and science classes. When students complete CAL-GETC, they enter college having already finished the general education coursework that most freshmen and sophomores take.

Why This Matters

Completing college coursework in high school can save families both time and money. Students may enter college with one to two years of credit already completed, allowing them to graduate earlier or focus more deeply on their major.

For many families, this can represent \$25,000–\$70,000 in potential savings in tuition, housing, and other college costs.

What Makes Caat Different

- Early four year academic planning
- Personalized college counseling
- Access to free Bakersfield College and CSU courses
- All high school courses meeting A-G college entrance requirements

A-G College-Prep Course Requirements	Summer	Freshman	Summer	Sophomore	Summer	Junior	Summer	Senior
History/Social Science *2 years required		Human Geography B2* (2nd Semester)	World History B1* & B2*	World History	US History 17A* & 17B*	US History	Political Science B1* & Economics B1*	Economics/ Government
English/Language Arts *4 years required		English I Honors		English II Honors		English III Honors English Composition 1000* & Comm. 1000*		English IV Honors Intro to English Literature 1B* & Ethnic Studies*
Math *3 years required, 4 years recommended	Integrated Math I Honors	Integrated Math II Honors		Integrated Math III Honors PreCalculus 1A* & 1B*		Pre-Calculus PreCalculus 1A* & 1B* Calculus 6A* & 6B*		Calculus Calculus 6A & 6B Calculus 6C & 6D
Laboratory Science *2 years required, 4 years recommended		Physics		Chemistry Honors		Biology Honors		AP Physics C
Additional Science		AP Computer Science Principles		AP Physics 1		AP Chemistry		AP Biology
Language Other than English *2 yrs required 3 + years recommended		Latin I		Latin II		Latin III Spanish 1* & 2* Japanese 1* & 2* ASL 1* & 2*		AP Latin IV Spanish 3* & 4* Japanese 3* & 4* ASL 3* & 4*
Fine Arts/Visual Arts *1 year required multiple years preferred		Film Studies B30* (1st Semester)		--		--		AP 2D Art AP 3D Art Digital Art and Design
College Prep Elective *1 year required		Robotics I CSUB First Year Seminar: 1029*		Robotics II CSI Lab: Chemistry 1009* Intro to Astronomy: 1609*		AP Computer Science A Robotics III Intro to Psychology 1000* & Intro to Sociology 1000* Special Topics in Science: 2770*		Robotics IV Intro to Psychology 1000* & Intro to Sociology 1000* Pre-Calculus 1030*
Physical Education	PE	--	PE			--		--

Arts Pathway - 4-Year High School Plan

A-G College-Prep Course Requirements	Summer	Freshman	Summer	Sophomore	Summer	Junior	Summer	Senior
History/Social Science *2 years required		Human Geography B2* (2 nd Semester)	World History B1* & B2*	World History	US History 17A* & 17B*	US History	Political Science B1* & Economics B1*	Economics/Government
English/Language Arts *4 years required		English I Honors		English II Honors		English III Honors English Composition 1000* & Comm. 1000		English IV Honors Intro to English Literature 1B* & Ethnic Studies*
Math *3 years required, 4 years recommended	Integrated Math I Honors	Integrated Math II Honors		Integrated Math II Honors Integrated Math III Honors PreCalculus 1A* & 1B*		PreCalculus PreCalculus 1A* & 1B* Calculus 6A* & 6B* Statistics 1000*		Calculus PreCalculus 1A* & 1B* Calculus 6A* & 6B* Statistics 1000*
Laboratory Science *2 years required, 4 years recommended		Physics		Chemistry		Biology		AP Environmental Science
Language Other than English *2 yrs required 3 + years recommended		Latin I		Latin II		Latin III Spanish 1* & 2* Japanese 1* & 2* ASL 1* & 2*		AP Latin IV Spanish 3* & 4* Japanese 3* & 4* ASL 3* & 4*
Performing/Visual Arts *1 year required multiple years preferred		Film Studies B30* (1 st Semester)	--	Theatre II Musical Theater Show Choir Guitar 2 Orchestra II		AP Art AP 2D Art AP 3D Art		AP Art Film and Composition Art 2D Design AP Music Theory
Additional Performing/Visual Arts		Show Choir Guitar 1 Orchestra I		Show Choir Guitar 2 Orchestra II		Show Choir Guitar 1 OR 2 Orchestra III		Show Choir Guitar 1 & 2 Orchestra IV
College Prep Elective *1 year required		Art I Theatre I CSUB First Year Seminar: 1029*		Art II Intro to Psychology 1000* & Intro to Sociology 1000* Theatre: The Art of Performance 1009*		Theatre III Musical Theater Intro to Psychology 1000* & Intro to Sociology 1000* Appreciation of the Visual Arts: 1009*		Theatre IV Musical Theater Intro to Psychology 1000* & Intro to Sociology 1000* Music Theory I: 1410*
Physical Education	PE	-	PE	--		--		-