



~A National Blue Ribbon and California Distinguished School~
California Academy of Mathematics and Science

1000 E. Victoria Street, Carson, California 90747

(310) 243-2025 FAX: (310) 516-4041 CEEB code: 050491 Website: www.lbcams.schoolloop.com

Accredited by the Western Association of Schools and Colleges through June 30, 2028

2022-23 School Profile

Principal: Cheryl Cornejo

Assistant Principal: Kellie Hodge

Head Counselor: Kimberly Johnson-Agulto

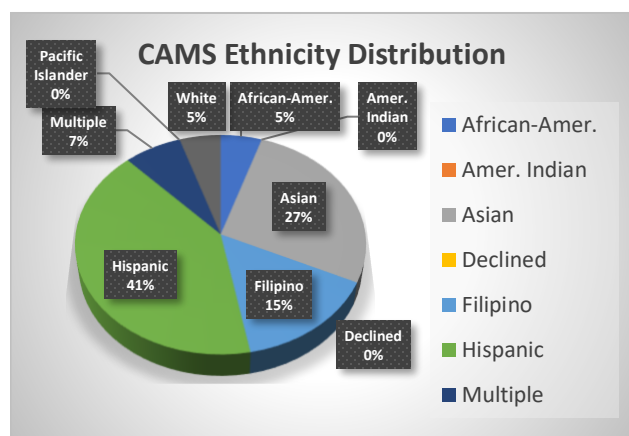
School

The California Academy of Mathematics and Science (CAMS) is a comprehensive four-year high school located on the campus of California State University, Dominguez Hills, serving a diverse student body of 673 students. CAMS' mission centers on increasing the nation's pool of college graduates in the fields of mathematics and science by offering an intensive college preparatory education to motivated high school students. The school opened in 1990 and is fully accredited by the Western Association of Schools and Colleges, CAMS maintains memberships in the National Association of College Admission Counseling and National Consortium for Specialized Secondary Schools of Mathematics, Science and Technology.

Community

CAMS enrolls students from a consortium of 11 Southern California school districts that encompasses more than 625 highly urbanized square miles. The attendance area includes many different ethnic, racial, and socioeconomic neighborhoods. About 60% of CAMS families speak at least two languages (English and another) and approximately 19% of students participate in the Federal lunch program.

Interested students apply to CAMS *only* while in grade eight, through the 80 public middle schools in the consortium. Students submit an application that includes a transcript of grades and test scores.



Grading System

A = 4.0 Excellent

B = 3.0 Above Average

C = 2.0 Average

D = 1.0 Below Average

F = 0.0 Failure

Class Rank

Since 2002, the Long Beach Unified School District policy states that schools do not rank students.

GPA Calculation

GPA is computed using the above quality points. Beginning in Grade 9, all subjects, whether passed or failed are included in the computation

Total GPA = 9th-12th all courses

Academic GPA = 9th-12th academic courses only

University GPA = Weighted GPA, grades 10-12

Curriculum

The academic program is organized on a modified block. 40 credits per semester is the maximum course load; students take four 90-minute block classes 4 days per week and eight 40-minute blocks classes one day per week. Block classes are yearlong and meet every other day except for Fridays when all classes meet.

17 AP courses are offered: United States History, World History, English Language, English Literature, Physics 1, Physics 2, Environmental Science, Computer Science Principles, Computer Science Applications, Calculus AB, Calculus BC, Statistics, Seminar, Research, and Psychology. AP World Language and Culture courses are offered in Japanese and Spanish.

3 Honors courses are offered in Chemistry, Anatomy/Physiology, and Pre-Calculus.

2020 -21 Pandemic Response

Due to the 2020-21 COVID-19 pandemic resulting in school closures, the following changes were made:

Instruction was conducted virtually from August 2020 to March 2020 and the option of Hybrid Instruction was offered from April 2020 through June 2020. LBUSD issued grades of Credit (CR) or No Credit (NC) during spring and fall semesters.

Dual Enrollment

CAMS juniors and seniors can enroll in lower division courses and earn college credits through California State University, Dominguez Hills. The average number of university units completed by CAMS graduates is 22.

CAMS students have the option to enroll in Career Technical Education Courses through Compton College. The following courses are offered at CAMS to students in grades nine through twelve for college and high school credit in Partnership with Compton Community College:

- Introduction to Design 1-2 (PLTW)
Introduction to Engineering Design I
- Principles of Engineering (PLTW)
Principles of Engineering Technology I
- Digital Electronics (PLTW)
Electronics for Engineering Technologist I
- Computer Integrated Manufacturing (PLTW)
Computer Integrated Manufacturing I
- Aerospace Engineering (PLTW)
Aerospace Engineering I
- Engineering Design & Development (PLTW)
Engineering Design & Development I

Class of 2022

There were 159 graduates in the class of 2022.

- 24 earned 4.0
- 107 earned 3.5 – 3.99
- 10 earned 3.0 – 3.49
- 9 earned 2.00 – 2.99

National Merit Scholarship Recognition

- 3 National Merit Scholarship Finalists
- 12 Commended Students

Advanced Placement Results

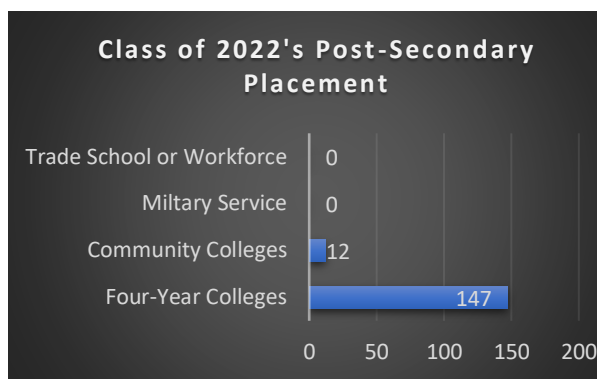
- In May 2022, 515 students took AP Exams
- A total of 1312 exams were taken in 25 Subjects.
- 79% of the AP Exams received scores of 3 or higher

College Board AP Scholars

- 95 AP Scholars
- 70 AP Scholars with Distinction
- 37 AP Scholars with Honors
- 13 AP Capstone Diplomas
- 3 AP Seminar and Research Certificate

Contact Information

Kimberly Johnson-Agulto
Head Counselor
kjohnsonagulto@Lbschools.net
(310) 243-2025



Colleges Attended by CAMS Graduates

American	Soka
Arizona State	University of America
Azusa Pacific	University of the Arts
Biola	Spelman
Boise State	University of the Pacific
Boston	LaSierra
Brown	Stanford
California Lutheran	University of Washington Lawrence
California State University:	Swarthmore
<i>Fullerton</i>	University of Wisconsin- Linfield
<i>Los Angeles</i>	Syracuse
<i>Dominguez Hills</i>	Madison
<i>Long Beach</i>	Loyola Marymount
<i>Channel Islands</i>	Texas A&M
<i>Monterey Bay</i>	Vanderbilt
<i>Northridge</i>	Lycoming
<i>Pomona</i>	Tufts
<i>Sacramento</i>	Washington State Maryland
<i>San Diego</i>	Tulane
<i>San Jose</i>	Wentworth Institute of Technology
<i>San Francisco</i>	Massachusetts Institute of Technology
<i>San Luis Obispo</i>	US Air Force Academy
University of California:	US Naval Academy
<i>Merced</i>	Wesleyan
<i>Riverside</i>	Massachusetts College of Arts
<i>Santa Barbara</i>	University of Alabama
<i>San Diego</i>	Williams Michigan
<i>Santa Cruz</i>	Yale
<i>Berkley</i>	Mt. Saint Mary's
<i>Irvine</i>	Nevada State
<i>Davis</i>	Marshall
<i>Los Angeles</i>	Reed
Denison	University of Nebraska
Oberlin	University of New Mexico
Northwestern	Georgia Institute of Technology
DePaul	Rice
Occidental	California Institute of Technology
Drexel	Chapman
Olin College of Engineering	Claremont McKenna
University of Denver	Colby
Duke	Colorado State
Oregon Institute of Technology	Columbia
University of Hawaii at Manoa	Cooper Union
Embry-Riddle Aeronautical	New York
Pennsylvania State	Dartmouth
University of Houston	Xavier
Emerson	Princeton
Pepperdine	University of LaVerne
University of Illinois, Chicago	Fordham
Emory	University of Minnesota Franklin
Purdue	Yale