



~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: <https://cams.lbschools.net/>

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

2023-24 School Profile

Principal: Cheryl Cornejo

Assistant Principal: Daniel Yu

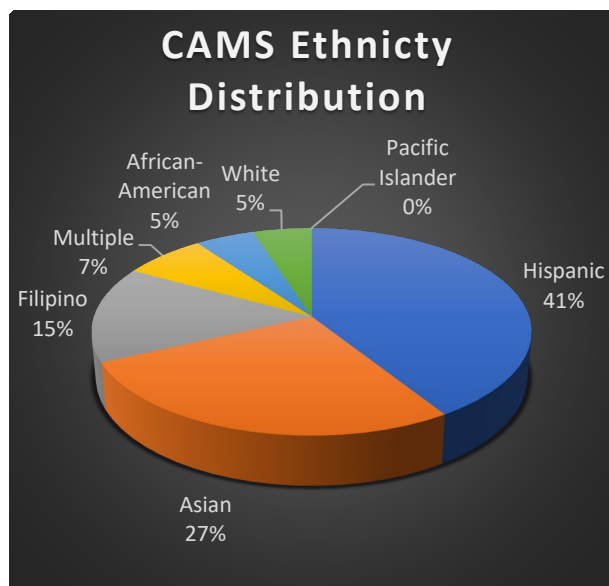
Head Counselor: Kimberly Johnson-Agulto

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). 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.

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

2 Honors courses are offered in Chemistry, and Anatomy/Physiology.

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 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 2023

There were 163 graduates in the class of 2023.

- 25 earned 4.0
- 85 earned 3.5 – 3.99
- 30 earned 3.0 – 3.49
- 21 earned 2.00 – 2.99

National Merit Scholarship Recognition

- 5 National Merit Scholarship Finalists
- 20 Commended Students

Advanced Placement Results

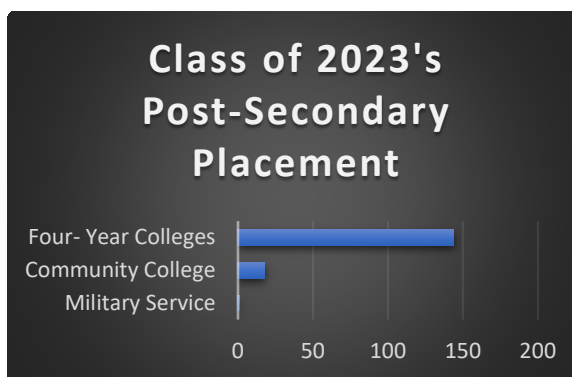
- In May 2023, 519 students took AP Exams
- A total of 1330 exams were taken in 22 Subjects.
- 66% of the AP Exams scores obtained were a 3 or higher

College Board AP Scholars Awards

- 113 AP Scholars
- 82 AP Scholars with Distinction
- 43 AP Scholars with Honors
- 16 AP Capstone Diplomas
- 5 AP Seminar and Research Certificate

Contact Information

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



Colleges Attended by CAMS Graduates

American
Arizona State
Azusa Pacific
Biola
Boise State
Boston
Brown
California Lutheran
California State University:
Fullerton
Los Angeles
Dominguez Hills
Long Beach
Channel Islands
Monterey Bay
Northridge
Pomona
Sacramento
San Diego
San Jose
San Francisco
San Luis Obispo
University of California:
Merced
Riverside
Santa Barbara
San Diego
Santa Cruz
Berkley
Irvine
Davis
Los Angeles
Denison
Oberlin
Northwestern
DePaul
Occidental
Drexel
Olin College of Engineering
University of Denver
Duke
Oregon Institute of Technology
University of Hawaii at Manoa
Embry-Riddle Aeronautical
Pennsylvania State
University of Houston
Emerson
Pepperdine
University of Illinois, Chicago
Emory
Purdue
Massachusetts College, Pharmacy & Health

Soka
University of America
University of the Arts
Spelman
University of the Pacific
LaSierra
Stanford
University of Washington Lawrence
Swarthmore
University of Wisconsin- Linfield
Syracuse
Madison
Loyola Marymount
Texas A&M
Vanderbilt
Lycoming
Tufts
Washington State Maryland
Tulane
Wentworth Institute of Technology
Massachusetts Institute of Technology
US Air Force Academy
US Naval Academy
Wesleyan
Massachusetts College of Arts
University of Alabama
Williams Michigan
Yale
Mt. Saint Mary's
Nevada State
Marshall
Reed
University of Nebraska
University of New Mexico
Georgia Institute of Technology
Rice
California Institute of Technology
Chapman
Claremont McKenna
Colby
Colorado State
Columbia
Cooper Union
New York
Dartmouth
Xavier
Princeton
University of LaVerne
Fordham
Bucknell
University of Minnesota Franklin
University of Victoria