



~A National Blue Ribbon and California Distinguished School~

California Academy of Mathematics and Science

California State University, Dominguez Hills—1000 E. Victoria Street, Carson, California 90747
(310) 243-2025 FAX: (310) 516-4041 CEEB code: 050491 Website: www.californiaacademy.net

MAGNET PROGRAM DESCRIPTION

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 (CSUDH). The Academy's mission is to increase the nation's pool of college graduates in the fields of science, technology, engineering, and mathematics by offering an intensive college-preparatory education to motivated high school students. It serves a diverse student body of 610 students, who earn transferable university credit in grades 11 and 12 by taking tuition-free college courses through CSUDH. Upon graduation, Academy students have completed an average of 22 units of university credit. The required curriculum at the Academy far exceeds the University of California admission requirements, and nearly all students go on to four-year universities immediately following high

school graduation. The Academy offers an excellent education for high school students considering the fields of math and science as well as engineering, medicine, and technology.

The Academy provides bus transportation from selected Long Beach school sites throughout the school district for a fee.

Interested students apply to the Academy through their middle school *only during grade eight*. **Students submit the Long Beach magnet school application as well as an additional CAMS application**, which can be obtained from their middle school counselor or from CAMS directly. Transcripts, essays, and teacher recommendations are part of the application requirements. Academy staff and students interview qualified students before making final selections.

PROGRAM HIGHLIGHTS

- The school is located on a university campus. Juniors and seniors take university classes as part of their elective program.
- Science and Engineering focus
- A diverse student body.
- Small student body allows more teacher-student interaction.
- Students gain experience with real-world problem solving that stresses group work and interdisciplinary projects.
- Successful and active mentor and internship programs are in place.
- The school culture strongly supports students in obtaining college admissions. As part of their education, students visit Northern or Southern California University campuses during their junior year. College admission staff actively recruit academy students. More than 60 colleges and universities make recruitment site visits to CAMS each year.

REQUIREMENTS FOR CONSIDERATION

3.0 cumulative academic GPA for grades 6-8

B's or above in math or science

Score at the proficient or advanced level on Content Standards Test

Completion of Algebra I, or Algebra 1/2 or Algebra C/D

Demonstrated high Interest in science, technology, engineering, math

ADDITIONAL APPLICATION REQUIRED

Due December 14, 2009