



16007 Crenshaw Boulevard, Torrance, CA 90506 310-660-3683 www.elcaminocollegefoundation.org

The El Camino Community College District is committed to providing equal opportunity in which no person is subject to discrimination on the basis of ethnic group identification, national origin, religion, age, sex, race, color, ancestry, sexual orientation, physical or mental disability, or retaliation.



COLLABORATE
CONNECT
MENTOR
TRAIN
PREPARE
INNOVATE
SUPPORT

EL CAMINO COLLEGE

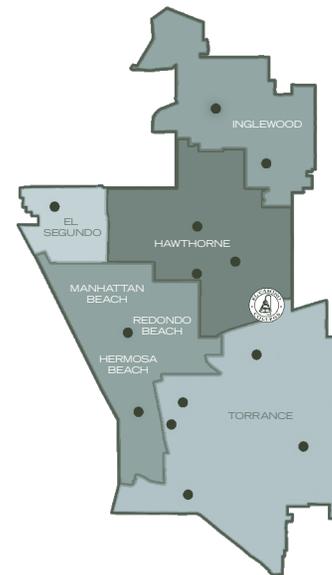
Building partnerships for the future

El Camino College educates the future employees and leaders of our community. Each year thousands of students are enrolled in programs such as business, computer science, math, chemistry, biology, and physics, plus certificated training for architecture, engineering technology, manufacturing, nursing and more.

El Camino College. Ensuring the educational success of students.

For 65 years, El Camino College has been dedicated to serving our community's educational and cultural needs. El Camino College is well known for academic excellence, consistently high transfer rate to four-year colleges and universities, and exceptional career training programs.

El Camino College enrolls more than 25,000 students each year and boasts a broad curriculum featuring nearly 2,500 different classes offered in more than 850 highly regarded academic and career programs taught by exceptional faculty. Students may earn an Associate of Arts or Associate of Science degree, transfer to a four-year university, or earn a certificate in a technical program, all of which prepares them for today's workforce.



The El Camino Community College District serves five unified and high school districts, 12 elementary school districts and nine cities - a population of almost one million.

- EL CAMINO COLLEGE IS OFFICIALLY RECOGNIZED BY THE US DEPARTMENT OF EDUCATION AS ONE OF THE TOP 100 COMMUNITY COLLEGES IN THE NATION.

- EL CAMINO COLLEGE CONSISTENTLY RANKS IN THE TOP 10 FOR TRANSFERRING STUDENTS TO THE UNIVERSITY OF CALIFORNIA AND CALIFORNIA STATE UNIVERSITY CAMPUSES.

- APPROXIMATELY 3,000 STUDENTS TRANSFER TO FOUR-YEAR UNIVERSITIES EACH YEAR.

- EL CAMINO COLLEGE'S MATH, ENGINEERING, AND SCIENCE ACHIEVEMENT (MESA) PROGRAM IS ONE OF THE TOP PROGRAMS IN THE STATE AND TRANSFERS STUDENTS TO MIT, UCLA, CAL POLY POMONA, UC BERKELEY AND UC IRVINE.





Ana Orellana Sandoval

When Ana first began taking courses at El Camino College, her progress was hindered by her uncertainty and lack of direction. The turning point for Ana came when she joined the Mathematics Engineering and Science Achievement (MESA) Program. Before long, she was participating in numerous activities such as

the MESA Leadership Retreat, the CSU Northridge Preparing Undergraduates through Mentoring toward PhD's (PUMP) program and the Basic and Advance Science Technology Academies of Research (BA STAR) program. As an active member of MESA, she took part in industry field trips to Northrop Grumman, Boeing and NASA Jet Propulsion Laboratory. Ana's academic improvement was rewarded when she received the MESA National Science Foundation Scholarship. Ana transferred to California State University, Long Beach where she earned a bachelors degree in aerospace engineering while interning part-time at Northrop Grumman Aerospace Systems in El Segundo. Currently, Ana is working for the Northrop Grumman Corporation on the Unmanned Combat Air System Demonstrator program as a guidance navigation and control engineer. The MESA program, along with Ana's persistence and dedication, helped her identify and achieve her educational and career goals.

Among the 114 California Community Colleges, ECC's transfer admission rate regularly ranks in the top five in the state.

STUDENT SUCCESS



El Camino

El Camino College provides quality, state-of-the-art academic programs and services that ensure the educational success of students from our diverse community including:

Honors Transfer Program (HTP)

The El Camino College Honors Transfer Program is one of the best in the state and is designed to prepare the highly motivated student to transfer successfully to a university to continue his or her education. Honors courses are academically enriched to intellectually stimulate students and encourage independent, critical thinking.

MESA

The El Camino College Mathematics, Engineering, and Science Achievement (MESA) Program is a rigorous academic program that supports students pursuing math- and science-based degrees. MESA is a highly successful program that fosters an academically based peer community that provides student support and motivation. MESA assists participants with counseling, academic preparation, skill development and the degree/transfer process to a four-year institution.





College EXCELLENCE IN EDUCATION



Engineering Technology

The engineering technology program prepares students for transfer to university engineering technology programs and for employment in technical fields. Students acquire a foundation in the principles of engineering, engineering design, digital electronics, automated manufacturing, and the application of math and science in technical fields. Careers in engineering technology involve high level technical work in the creation, production, utilization, and distribution of industrial materials, products, and processes.



Allied Health Programs

El Camino College Allied Health programs include nursing, radiologic technology, and respiratory care. These programs provide education and training on state-of-the-art equipment such as digital imaging and simulation. The Nursing Simulation Lab features high fidelity mannequins that can be programmed to simulate various complex physiological scenarios. Demanding academic curriculum and outstanding faculty ensure El Camino College's nursing, radiologic technology and respiratory care students are highly trained, compassionate health care workers supporting the needs of the South Bay.

Providing a roadmap to succeed in today's global marketplace.

According to the Community College Journal, nearly one-half of the nation's undergraduates begin their post high school education at a community college.

As community colleges continue to evolve, El Camino College is addressing the importance of a global perspective for our students and faculty. Globalization present in today's economic environment means our students must be prepared to face international competition. El Camino College's rigorous academic degree and certificate programs prepare students for careers in essential areas such as:

- Aerospace Engineering
- Mathematics
- Electrical Engineering
- Biological Sciences
- Microbiology
- Physics
- Bioengineering
- Mechanical Engineering
- Biochemistry
- Biology
- Molecular Biology
- Computer Science



Offering career paths that serve the workforce needs of our communities.

"There are more than two million open jobs in the U.S., in part because employers can't find workers with the advanced manufacturing skills they need."

— Jeff Immelt, CEO General Electric

El Camino College offers 33 Career and Technical Education programs that are occupationally specific and technical in nature. For example, the El Camino College Automation, Robotics and Manufacturing (ARM) Center provides the tools, and resources to prepare students for employment in the manufacturing industry. With industry leading CAD/CAM software, and state-of-the-art equipment, students learn how to compete in today's workplace, gaining valuable skills vital to their career advancement in programs such as:



- Engineering Technology
- Computer Aided Design/ Drafting
- Computer Information Systems
- Manufacturing Technology
- Electronics
- Machine Tool Technology

Connecting with El Camino College

Research shows workforce education is the most critical productivity factor. Employers providing formal training for employees see 15-20% average increase in productivity. — Source: U.S. Departments of Labor and Education “21st Century Skills for 21st Century Jobs”

INNOVATE

For more than 20 years, El Camino College faculty have collaborated with Northrop Grumman and Hawthorne High School. What began as a four-year apprenticeship program for students completing ECC's manufacturing course, has evolved into team robotic competitions and an award-winning Manufacturing and Engineering Academy at Hawthorne High School with 370 students currently enrolled.

COLLABORATE

The El Camino College Center for Applied Competitive Technologies (CACT) provides technology education, manufacturing training, and services that contribute to continuous workforce and business development for manufacturers and aerospace companies.

SUPPORT

Programs such as First Year Experience, MESA and Honors Transfer coupled with services offered at the Writing Center and Learning Resource Center, ensures our students are educated and prepared for today's global workforce.

ECC

PREPARE

As part of a Chevron three-year grant, El Camino College has established an Intensive Math Summer Program; a Project-Based Learning program; and summer university research opportunities for transfer-ready students at universities such as UCLA, UCI, and Cal Poly Pomona.

TRAIN

To meet an anticipated shortfall of skilled workers in the aerospace fastener manufacturing industry, El Camino College's Business Training Center collaborating with industry developed an Aerospace Fastener Manufacturing training program. Implemented in 18 months, this program resulted in immediate jobs for more than 50 students and on-going placement.



Investing in education is fundamental to the well-being of our community.

It is incumbent on all of us to step forward and reclaim the country's position as a leader and innovator of technology and industry in today's global economy. At El Camino College, we are making strides through positive collaboration with our business partners to ensure we continue to provide our students the most in-depth and relevant education in all areas.

As our world becomes more dependent on technology, the demand for highly educated and skilled employees will continue to increase. Through our educational partnerships with universities, and our relationships with business and corporations, we are able to tailor programs to meet the rapidly changing needs of today's workforce. This close cooperation between

“WITH THE SUPPORT OF OUR PARTNERS IN THE COMMUNITY, WE’LL SERVE MANY STUDENTS AND SEE MORE STUDENTS REALIZE THEIR DREAMS OF BECOMING SCIENTISTS, ENGINEERS AND LEADERS IN RESEARCH AND INDUSTRY.”

— Dr. Don Goldberg,
Dean of Mathematical Sciences,
El Camino College



El Camino College, universities and our business and corporate partners help establish performance objectives and curriculum development that serves our partners and provides a productive career path for our students.

El Camino College Foundation. Supporting the mission of El Camino College.

The El Camino College Foundation is an established 501(c)3 nonprofit corporation founded in 1984 for the specific and primary purposes of promoting the general welfare of El Camino College. The Foundation assists and supports El Camino College in the attainment of educational, scientific and cultural goals and in fulfilling the college's mission of service to the community. As the lead entity for resource development for the college, the Foundation has provided millions of dollars for student scholarships, equipment, and programs and projects.

The El Camino College Foundation is involved in a number of strategic initiatives that provide dynamic opportunities for bringing stakeholders together to tackle issues of concern in our community. Working together by leveraging collective knowledge, creativity and resources we are able to achieve a greater impact and benefit for the college and our community.

Through partnerships with individuals and corporations in our community, the Foundation supports El Camino College by enriching the campus environment. We are proud of the work we do in preparing the next generation of leaders for our community. But there is more we need to do. Shrinking educational budgets, coupled with growing enrollment, increases the need for the Foundation to play a larger role in support of El Camino College. Together, we are building futures through education.

For more information, please contact Katie Gleason, Foundation Executive Director at 310-660-6040 or visit www.elcaminocollegefoundation.org.

EL CAMINO COLLEGE FOUNDATION

