CAL STATE LA

COLLEGE OF
# Engineering, Computer Science, and Technology




## COMMIT TO EXCELLENCE. ENGAGE IN COMMUNITY.

Strengthening and growing support for our communities both on campus and in our neighboring cities

**IMPACT LA** *Increasing Momentum through Peer-mentoring and Community Transformation in Los Angeles*





## RESEARCH + DESIGN CENTERS

***Sikand SITI Center***
*Sikand Center for Sustainable and InTelligent Infrastructure*

***CATSUS NSF CREST***
*Center for Advancement toward Sustainable Urban Systems*

***Hydrogen Research and Fueling Facility (HRFF)***
*Hydrogen workforce development, research, and outreach*

***ECST Makerspace + Creative Collaborations Lab (CoLab)***
*Student space to collaborate, design, build, and test*

## CAPSTONE SENIOR DESIGN

*ECST's award-winning Capstone Senior Design program utilizes industry-sponsored projects to give students the experience of designing a real-world product for a real client.*



## ACCELERATION INITIATIVE • OUTREACH + STUDENT SUPPORT PROGRAMS

*ECST's commitment to accelerating the success of our students through programs that build community, reinforce core STEM concepts, develop technical and professional skills, and help current and prospective students get off to a strong start on their path toward a successful STEM career.*

The Mathematics, Engineering, Science Achievement (MESA) program at ECST works with middle and high schools to provide teacher professional development and student STEM competitions.





LAunchPad is a two-week summer program that introduces women high school seniors to the fields of engineering and computing through hands-on projects.

Summer Transition to ECST Program (STEP) is a summer math boot camp that prepares incoming freshmen to excel in academics and acclimate to campus life.





FYrE@ECST is a first-year experience program that builds skills and community to accelerate student success at ECST.

Successful Transfer and Retention (STAR) program provides pathways from community colleges with pre- and post-transfer peer mentoring.



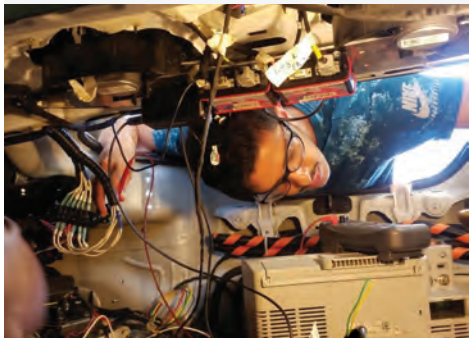
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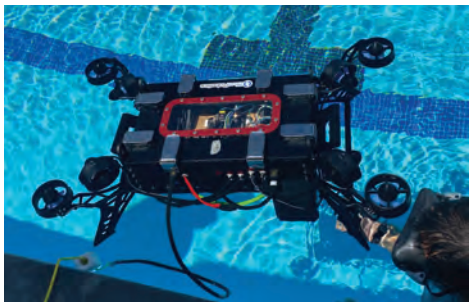
# Engineering, Computer Science, and Technology

SCAN ME











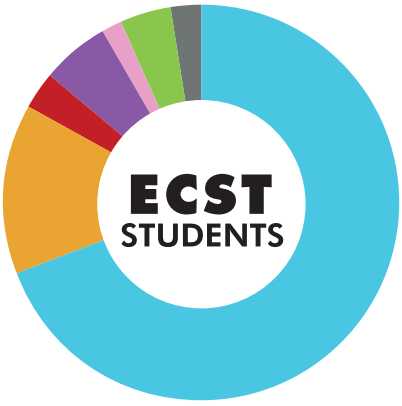
## TOP 10 Nationally

Best undergraduate engineering program among public, master's-granting universities according to *U.S. News & World Report*

Cal State LA **ranked #1** in the nation for **Economic Mobility** by Third Way

**Ranked #1** public university in the West in the "America's **Best Bang for the Buck** Colleges" category by *Washington Monthly*

## WE ARE ECST




*We foster a healthy educational ecosystem where our diverse student body is supported to thrive and succeed.*

| | | | |
|---|---|---|---|
| Hispanic | 69.2% | International | 5.7% |
| Asian | 14.0% | Two or More | 1.7% |
| Black | 3.0% | White | 4.1% |
| | | Other | 2.3% |

ASEE UNIVERSITY RECOGNITION PROGRAM BRONZE ASEE

BEST COLLEGES U.S.News ENGINEERING PROGRAMS 2025

## BACHELOR OF SCIENCE

*Program Enrollment* **FALL 2024**

| | |
|---|---|
| CIVIL ENGINEERING | 378 |
| COMPUTER SCIENCE | 962 |
| ELECTRICAL ENGINEERING | 378 |
| MECHANICAL ENGINEERING | 607 |
| AVIATION ADMINISTRATION | 97 |
| FIRE PROTECTION ADMINISTRATION | 91 |
| New Program ENGINEERING TECHNOLOGY | Started Fall 2022 150 |
| TOTAL | Enrolled 2,653 |

## MASTER OF SCIENCE

*Program Enrollment* **FALL 2024**

| | |
|---|---|
| CIVIL ENGINEERING | 34 |
| COMPUTER SCIENCE | 135 |
| ELECTRICAL ENGINEERING | 72 |
| INDUSTRIAL MANAGEMENT | 20 |
| MECHANICAL ENGINEERING | 40 |
| MATERIALS SCIENCE AND ENGINEERING | 18 |
| TOTAL | Enrolled 319 |

**FOR MORE INFORMATION, CONTACT:**
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