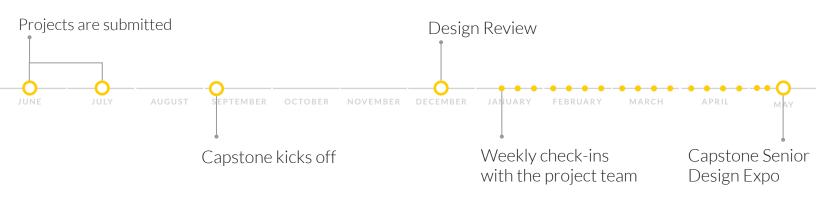# CAPSTONE
SENIOR DESIGN

Cal State LA's Engineering, Computer Science, & Technology (ECST) college wants to partner with you!

Join our Capstone Senior Design community and sponsor a year-long project with our students, faculty, and staff. As an ECST Capstone Senior Design industry partner, you will:

- Work with a diverse group of talented, motivated, and hard-working students to tackle challenging projects and solve real problems

- Gain fresh perspectives and out-of-the-box thinking

- Build a pipeline of future engineering and computer science professionals

- Provide coaching, mentorship, and real-world design experience to students

- Build a more meaningful relationship with Cal State LA

How it works:

THE TIMELINE

Projects are submitted

Design Review

| JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | JANUARY | FEBRUARY | MARCH | APRIL | MAY |

Capstone kicks off

Weekly check-ins with the project team

Capstone Senior Design Expo

COLLEGE OF
ENGINEERING, COMPUTER
SCIENCE, & TECHNOLOGY

THE CAPSTONE SENIOR DESIGN TEAM

Project Sponsor
Provides a meaningful and challenging project for students

Faculty Advisor
Provides internal coaching and direction

Technical Liason
Appointed by the Sponsor to provide external guidance and technical knowledge

Students
A small team of students will dedicate 1200 hours over the year to the project

Capstone Program Directors
Provide consistency, quality control, and structure and support

WHAT WE NEED FROM YOU

A meaningful project that:
- › Solves a specific need or technical problem
- › Can be completed on-campus without highly specialized materials or equipment
- › Is appropriate for a team of 4-6 students

A technical liaison who will:
- › Dedicate 1-2 hours per week
- › Meet with student teams, remotely or in-person, to be briefed on updates and progress
- › Serve as the team's customer, offering guidance and suggestions as appropriate

Financial sponsorship, which can be arranged as:
- › Affiliation with Cal State LA as a Capstone Partner
- › Contract
- › Philanthropic grant

The possible outcomes are endless.

Deliverables may include:
- ⊘ **Physical prototype**
- ⊘ **Software package**
- ⊘ **Preliminary designs**
- ⊘ **Alternative analysis**
- ⊘ **Technical report**
- ⊘ **Ready-to-hire graduates**

For more information about partnering with ECST, or to schedule a meeting to discuss a potential project, contact **Mike Thorburn**, Capstone Associate Director, at **capstone@calstatela.edu** or **www.calstatela.edu/ecst/seniordesign**

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