

Computer Science, Information Systems and Engineering

Department of Computer Science, Information Systems and Engineering

Faculty

Dr. Ghassan Al-Sinbol | Dr. Gina Boff | Dr. Vamsi Borra | Dr. Mark E. Bronakowski | Dr. Weifeng Chen | Dr. Fanourios Halkiadakis | Dr. Larry D. Horath | Dr. Lisa Kovalchick | Dr. Pratibha Menon | Nader Mohamed | Alexandra Prokic | Dr. Anthony S. Pyzdrowski | Joseph G. Schickel | Paul Sible | Jeffrey S. Sumei | Dr. John M. Thompson | Susan E. Urbine | Dr. Brenton Wilburn | Dr. Jennifer Wilburn

For faculty bios, visit: <https://www.calu.edu/inside/faculty-staff/profiles/index.aspx>

Programs

Cal U's Department of Computer Science, Information Systems and Engineering includes undergraduate programs in CADD, computer engineering technology, computer information systems, computer science, digital media technology, electrical engineering technology, mechatronics engineering technology, robotics engineering technology and unmanned aerial systems/drone technology.

Associate and Bachelor's Degree Programs

Degrees offered through this department include:

- A.S. in Computer-Aided Design and Drafting
- A.S. in Computer Engineering Technology
- A.S. in Digital Media Technology
- A.A.S. in Electrical Engineering Technology
- A.S. in Industrial Technology
- A.S. in Technical Studies
- A.S. in Technical Studies: Robotics Engineering Technology
- A.S. in Technical Studies: Unmanned Aerial Systems/Drone Technology
- B.S. in Computer Engineering Technology
- B.S. in Computer Information Systems
- B.S. in Computer Science
- B.S. in Digital Media Technology
- B.S. in Electrical Engineering Technology
- B.S. in Industrial Technology Management
- B.S. in Mechatronics Engineering Technology

Note: Cal U also offers a B.S.Ed. in Technology Education.

Certificates

The department also offers a certificate program in:

- Industrial Safety

Minors

Minors available through this department include:

- Computer Information Systems
- Computer Science
- Digital Media Technology
- Electrical Engineering Technology
- Industrial Technology
- Robotics Engineering Technology

Facilities

Courses are taught in three buildings on campus.

Computer Science, Information Systems and Engineering

- The **Eberly Science and Technology Center** houses the EET Analog Lab, the Digital/Embedded Systems Lab and the California Manufacturing Assistance Center, which includes labs for CADD, materials testing, metrology, computer numerical control and automation/robotics.
- **Helsel Hall** has labs for CADD/drafting, digital prepress, electronics, foundry, graphics/printing, machine tools, manufacturing technology, multimedia technology, photography darkroom and photography studio.
- **Coover Hall** has labs for bio-related technologies, elementary school technology, screen printing, flexography, engineering materials and physical technologies.

Student Clubs

Digital Media Technology: Students may join the Screen Printing Student Associate, which performs printing and design services, conducts industrial tours and attends conferences. Active club participants gain beneficial hands-on experience beyond required class and lab time.