



## College of Engineering MISSION

The task of the College of Engineering is to educate men and women as engineers and technologists to meet increasingly more complex technical and socio-economic challenges in a global economy. Our students of today represent a diverse cross section of the population and will be among tomorrow's leaders. Moreover, we seek to provide graduates who are immediately able to contribute to industry or to the public sector and are prepared to seek higher academic achievement as well. The success of this mission, in keeping with the polytechnic mandate of this University, is critical in assuring the future prosperity of California through technological advancement.

We are committed to:

- Maintaining curricula which emphasize problem-solving skills, laboratory proficiency, communication competency, interdisciplinary teamwork, leadership, development, and which demand mastery of sound theoretical bases in mathematics, science and engineering fundamentals at both the baccalaureate and masters level;
- Incorporating into the programs of study topics which have overarching importance to professional practice including safety, finance, sustainability and systems engineering;
- Assuring the relevancy and contemporary nature of programs through collaboration among the faculty, staff, alumni, industry leaders, and other universities;
- Developing in each student a strong sense of professionalism, a set of high ethical standards, and the pride that comes from accomplishment;
- Providing an environment in which each person, including nontraditional and underrepresented students, can achieve personal excellence as part of a life-long commitment to learning;
- Sustaining the unique qualities of the College's faculty by seeking practicing scholars with both advanced degrees and substantial professional experience;
- Supporting and recognizing innovation, technological advances, and excellence in teaching coupled with rigorous assessment;
- Promoting an environment focused on scholarship and applied research by the faculty and fostering interaction among faculty, staff, university, colleagues, students and practicing professionals; and
- Exercising careful stewardship of private and public resources provided to operate and improve the College's programs.

**College of Engineering**  
**VISION**  
**Going from Good to Great!**

We envision ourselves as the institution most widely recognized by both the engineering and education professions for excellence in providing productive practitioners to the technical community. Guided by a commitment to ever-increasing quality in producing tomorrow's leaders, we follow these principles:

- Meeting societal needs is the goal, knowledge is the tool, a learning-centered environment is the vehicle.
- Faculty are engineers who are educators, with significant engineering experience being a requisite for good teaching.
- Curricula are rigorous, up-to-date, relevant, and globally competitive as part of our campus learning-centered environment.
- University-Technical Community ties that produce benefits for all parties.
- Facilities are consistent with best engineering practice.
- Planning for the future is strategic in nature.

