The College of Engineering, as the only engineering degree-granting institution in Hawai‘i, offers B.S., M.S. and Ph.D. degrees in three disciplines—civil, electrical and mechanical engineering. Engineering education has been a part of the University of Hawai‘i since its establishment in 1907, with over 6,000 engineering degrees granted. There are three ingredients to a great engineering college—a first-rate faculty, a highly selected student body, and good facilities. Our goals are to enhance our resources and pursue potential opportunities to create an environment that allows us to recruit and retain top-notch faculty and students. To achieve these goals, we are striving to increase the quality and number of our research projects and we are seeking new relationships with private companies. We have greatly expanded our outreach program into our community, working with students and teachers from grades K–12. We continue to provide an accredited, technologically current curriculum for our students to enable them to succeed in a demanding profession.

**Key Programs**

Civil Engineering  
Electrical Engineering  
Mechanical Engineering  
All three departments offer B.S., M.S. and Ph.D. degrees.

**Key Initiatives**

- Hawai‘i Center for Advanced Communications, performs interdisciplin ary research on high-performance wireless networks (http://hcc.hawaii.edu), supported by a $1 million allocation from the state.  
- SAVUIM, the design, construction and testing of a semi-autonomous underwater vehicle (http://www.eng.hawaii.edu/~aei/sauvim.html)  
- Project MISSION, a tele-medicine project (http://www-ee.eng.hawaii.edu/~uhlips/mission/mission.html)  
- Research in corrosion (contact Dr. Lloyd Hihara, hihara@wiliki.eng.hawaii.edu) and composite materials (Dr. Mehrdad Ghasemi Nejad, nejad@wiliki.eng.hawaii.edu).  
- The College is developing a distance learning center.

**College Highlights**

- Strong alumni support, including a donation of $1 million from a civil engineering graduate to establish a multi-media computer instructional laboratory  
- Competitive students, whose projects such as the concrete canoe and micromouse that have won regional competitions  
- Funding: Basic operation is supported by state funds. The operating budget is $6.9 million. Extramural research funds for FY 2002 totaled $5 million.  
- Enrollment: 781 students (631 undergraduates, 150 graduate students). The college has an active recruiting program to increase enrollment.  
- Scholarships: Engineering majors account for one-third of the 20 recipients of the University of Hawai‘i Regents Scholarship for Academic Excellence (full tuition plus $4,000 per year, renewable up to four years, awarded to Hawai‘i’s best and brightest students).  
- Graduation and Placement: About 250 students earned B.S., M.S. and Ph.D. degrees during the past two academic years. More than 70 per cent of them obtained employment in an engineering-related field.  
- Diversity: UH engineering alumni are ethnically diverse—about 80 per cent Asian/Pacific Islanders (Japanese, Chinese, Korean, Filipino, Hawai‘ian, others), 20 percent Caucasians, Hispanic or other/mixed backgrounds.

**Prominent Faculty**

Five faculty members are recipients of Career or Presidential Young Investigator Awards from the National Science Foundation  

Marc Fossorier, Ph.D., Electrical Engineering  
Lloyd Hihara, Ph.D., Mechanical Engineering  
Anthony Kuh, Ph.D., Electrical Engineering  
Galen Sasaki, Ph.D., Electrical Engineering  
Junku Yuh, Ph.D., Mechanical Engineering

For more information, please contact Dean Wai-Fah Chen at (808) 956-7727 or chenwf@wiliki.eng.hawaii.edu