

Strategic Plan
Department of Electrical & Computer Engineering
April 28, 2004

Mission Statement

- To excel in undergraduate and graduate education in electrical and computer engineering by providing the students the tools necessary to prepare them for careers that involve a lifetime of learning.
- To perform cutting edge research in selected areas of electrical and computer engineering, which in turn will prepare our graduate students to be tomorrow's professors and technical leaders of industry.
- To serve the University of Utah and the State of Utah by performing its teaching and research missions well.

Vision Statement

- Department reputed for research excellence in selected focus areas (nanotechnology and microsystems, communication systems, embedded systems, and biomedical applications).
- Educational programs that give students a competitive advantage in the global economy.
- Collegial environment that encourages collaboration between faculty and engages students in the pursuit of knowledge.

Strategic Priorities

- Increase the research funding of the Department by:
 - aggressively seeking funding opportunities,
 - pursuing collaborations with industry while addressing technology transfer issues.
- Increase the size of the ECE Department by making the case for additional faculty and staff positions to the administration.
- Improve the educational programs in directions that distinguish ECE's graduates from those of other institutions, in particular:
 - integrated lab experience,
 - industrially-relevant projects (Clinics program),
 - business/team skills.
- Improve the infrastructure support of the Department (including the technical support and acquisition or freeing of space for research).

Additional Objectives

- Improve faculty mentoring and retention.
- Strive to maintain competitive salaries.
- Improve and widely distribute the newsletter.
- Obtain resources to bring more visitors.
- Increase the percentage of qualified US graduate students.
- Improve fund raising (including for endowed chairs).