



Electrical & Computer  
ENGINEERING

## **COLORADO STATE UNIVERSITY – FORT COLLINS DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING SCHOLARSHIP**

The Department of Electrical and Computer Engineering at Colorado State University in Fort Collins, Colorado, is proud to be a participant in *FIRST*. We are offering up to five \$1,000 renewable scholarships to high school seniors who have participated in the *FIRST* program.

### **Scholarship Description**

Colorado State University's Department of Electrical and Computer Engineering will award up to five merit-based scholarships for an undergraduate degree in electrical engineering or computer engineering. Scholarship awards are available to any eligible high school senior who has participated in the *FIRST* program on any team. The recipient must meet the regular academic requirements for admission to the Department of Electrical and Computer Engineering.

The scholarship recipient(s) will be recognized at the *FIRST* Championship. The award is renewable annually up to four years, contingent upon maintaining good academic standing in the Department of Electrical and Computer Engineering, with at least a 3.5 cumulative grade point average.

### **Application Process:**

In order to be considered for the scholarship, students must:

- 1) Apply to Colorado State University and be admitted into the Department of Electrical and Computer Engineering. To apply, go to: [www.admissions.colostate.edu](http://www.admissions.colostate.edu). Click on "Apply Now" and follow the application directions provided.
- 2) Submit the following materials to Karen Ungerer, ECE recruitment coordinator:
  - a. 300 word essay describing your *FIRST* experience and your interest in studying electrical engineering or computer engineering at Colorado State University.
  - b. Letter of recommendation from an adult mentor/coach on the *FIRST* team

**Submit essay and letter of recommendation via e-mail or regular mail to:**

Karen Ungerer, ECE Recruitment Coordinator  
Department of Electrical and Computer Engineering  
Colorado State University  
Campus Delivery 1373  
Fort Collins, CO 80523-1373  
970-491-0500

**[kungerer@engr.colostate.edu](mailto:kungerer@engr.colostate.edu)** (Note: If sending materials via e-mail, please put "FIRST Scholarship" in the subject line.)

**Scholarship Application Deadline:**

All scholarship materials (Colorado State University admissions application, essay, and letter of reference) must be completed by **March 1, 2008**.

**About the Department of Electrical and Computer Engineering at Colorado State University:**

The Department of Electrical and Computer Engineering at Colorado State University can connect you with world-class teaching and research in an unbeatable setting. You can study alongside professors who share their rich experience and expertise to expand your knowledge and teach you to think creatively for our high tech world.

**Cutting-Edge Facilities** – In 2003, the ECE department was awarded two National Science Foundation Engineering Research Centers (ERCs).

**Highly Reputable Faculty** – Simply put: You will learn from the best. In 2007, ECE ranked in the top 10 nationally by the Faculty Scholarly Productivity Index, a scientific ranking that compares academic programs according to quantifiable data, such as faculty publications, federal grant dollars awarded, and honors and awards.

**Top Paid Majors Nationwide** – Both electrical engineering and computer engineering are consistently reported as two of the top-paid majors in the U.S.

**Fort Collins: “The Best Place to Live”** – An outdoor lover’s paradise, Fort Collins, Colorado, was recently named America’s “Best Place to Live” by Money Magazine and one of “Ten New American Dream Towns” by Outside Magazine.

The ECE department offers two undergraduate degree programs: a bachelor of science in electrical engineering (with a concentration in lasers and optical engineering) and a bachelor of science in computer engineering. You can also incorporate a certificate in biomedical engineering into either degree program. ECE courses and research span five major disciplines:

- Communications and Signal Processing
- Computer Engineering
- Robotics and Controls
- Lasers, Optics, and Applications
- Electromagnetics and Remote Sensing

During the senior year, all ECE students are required to participate in a capstone design project. Combining classroom learning with engineering practice, you will work on a real-world project, overseeing all phases from design and manufacture to documentation and marketing.

To learn more, visit the ECE department web site: **[www.engr.colostate.edu/ece](http://www.engr.colostate.edu/ece)**.