

# College of Engineering and Computer Science

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These scholarships have been established to assist students majoring in programs offered by the College of Engineering and Computer Science (ECS). Many professional organizations and business corporations offer state and national scholarships to engineering and computer science students. Information about scholarships and fellowships not listed in this book can be obtained from our website at [www.fullerton.edu/ecs](http://www.fullerton.edu/ecs), or from the Office of the Assistant Dean, CS-502.

*Note: For all scholarships, the notification process does not include a notification to all applicants but only to the selected recipient of the scholarship. The expected date of notification is by the end of May.*

## The Boeing Company Next Generation Scholarship

**Amount:** up to \$5,000 per year

**Established by:** This scholarship was established and funded by The Boeing Company for academically talented students majoring in Civil Engineering, Computer Engineering, Computer Science, Electrical Engineering, and Mechanical Engineering. The program will provide scholarships for up to ten (10) undergraduate students.

**Open to:** This scholarship is open to new or continuing full time engineering and computer science majors who have achieved sophomore, junior or senior status. Seniors must be at least 3 semesters from completing degree.

**Criteria:** 3.3 GPA ♦ Scholarship recipients are encouraged to apply to the summer internship program and full-time employment at Boeing

**Application Procedure:** The online application opens January 26. To access the application, go to your CSUF portal (be sure to use the new portal) and click on the “Scholarships” button. Follow the onscreen instructions and be sure to answer in all the questions.

**Application Deadline:** March 3

## ECS Academic Catalyst for Excellence (ACE) Scholarship

**Amount:** up to \$4,000/year

**Established by:** ACE scholarship program, a comprehensive educational support system designed to ensure student success, is established by College of Engineering and Computer Science (ECS) and is funded by National Science Foundation (NSF). The scholarship will serve as a catalyst that will allow students to focus diligently on their academics. The program will award scholarships to ECS students and leverage a well established network of ECS and University student services to support cohorts of ACE scholars majoring in civil and environmental engineering, computer engineering, computer science,

electrical engineering and mechanical engineering. An ACE Scholar receives tuition scholarship for seven consecutive semesters (up to \$2000 per semester) and a myriad of support services ranging from peer mentoring to academic internship.

**Open to:** This scholarship is open to new full time engineering and computer science freshmen.

**Criteria:** Be U.S. citizens, nationals of the United States, aliens admitted as refugees or lawfully admitted to the United States for permanent residence ♦ Enrolled full time (12 units) at the undergraduate level and majoring in one of the ECS disciplines ♦ Demonstrate unmet financial need ♦ Demonstrate academic potential through the personal statement, interview and letter of recommendation ♦ At least a 2.8 cumulative GPA ♦ Completed or enrolled in Math 125

**Application Procedure:** 1) Complete and submit scholarship application form (available at [www.fullerton.edu/ecs/ace/index.html](http://www.fullerton.edu/ecs/ace/index.html)); 2) Complete the Free Application for Federal Student Aid (FAFSA) form; 3) Submit an unofficial CSUF transcript; 4) Submit a personal statement (1000 words or less) discussing the personal, academic and professional goals and motivations to pursue a career in engineering and computer science and your notable accomplishments as well as unique qualifications; 5) Submit a letter of recommendation addressing the ability to succeed in school from a faculty member. Please use the Recommendation Form provided; 6) Participate in an on-campus personal interview for final round selection; and 7) Email the application, the unofficial CSUF transcript and the personal statement to [ace@fullerton.edu](mailto:ace@fullerton.edu).

**Application Deadline:** October 1

## Emmett D. Burnett Memorial Scholarship

**Amount:** up to \$1,500

**Established by:** Birthe E. Burnett to honor the memory of her husband, Emmett D. Burnett, a division manager for the Ground Systems Group of Hughes Aircraft Company who helped to develop a close relationship between Hughes Aircraft Company (now Raytheon) and Cal State Fullerton.

**Open to:** This scholarship is open to new or continuing full-time Engineering and Computer Science majors who have achieved sophomore status or beyond.

**Criteria:** 3.25 GPA ♦ Scholastic achievement ♦ Leadership ♦ Demonstrated academic potential in engineering or computer science

**Application Procedure:** The online application opens January 26. To access the application, go to your CSUF portal (be sure to use the new portal) and click on the "Scholarships" button. Follow the onscreen instructions and be sure to answer in all the questions.

**Application Deadline:** March 3

# Computer Science

## John Browning Memorial Scholarship

**Amount:** up to \$1,000 per year

**Established by:** This scholarship was established in memory of John Browning who, at the time of his death, was a high school junior with exceptional ability and interest in computers. Awards are given each spring to several students majoring in computer science. One half of the scholarship is available after the university census date each semester, provided the student maintains full-time status. The award may be renewed in subsequent years. Two students will be selected annually.

**Open to:** This scholarship is open to continuing full-time undergraduate Computer Science majors.

**Criteria:** 2.5 GPA ♦ Scholastic achievement ♦ Financial need

**Application Procedure:** The online application opens January 26. To access the application, go to your CSUF portal (be sure to use the new portal) and click on the “Scholarships” button. Follow the onscreen instructions and be sure to answer in all the questions.

**Application Deadline:** March 3

# Engineering

## Gene Haas Scholarship in Advanced Manufacturing

**Amount:** up to \$3,000

**Established by:** The Gene Haas Foundation established the Gene Haas Scholarship in Advanced Manufacturing to provide tuition assistance to students in the College of Engineering and Computer Science interested in pursuing careers in design and advanced manufacturing.

**Open to:** This scholarship is open to Junior, Senior, and Graduate students within the College of Engineering and Computer Science interested or actively engaged in advanced manufacturing.

**Criteria:** 2.5 GPA or higher for undergraduate juniors and seniors ♦ 3.0 GPA or higher for graduate students ♦ Engineering majors who are student members of the Society of Automotive Engineers (SAE), American Society of Mechanical Engineers (ASME), or the Society of Manufacturing Engineers (SME) ♦ Demonstrated interest and aptitude for CAD CAM technology, CNC Machine Technology, and advanced manufacturing

**Application Procedure:** The online application opens January 26. To access the application, go to your CSUF portal (be sure to use the new portal) and click on the “Scholarships” button. Follow the onscreen instructions and be sure to answer in all the questions.

**Application Deadline:** March 3

## Lucas Aerospace Cargo Systems Scholarship in Mechanical Engineering Design

**Amount:** up to \$725 per year

**Established by:** This scholarship was endowed by Lucas Aerospace Cargo Systems, and is awarded to a senior Mechanical Engineering major enrolled in the Capstone Project Class in Mechanical Design.

**Open to:** This scholarship is open to continuing Mechanical Engineering students planning to enroll in the Capstone Project Class in Mechanical Design (EGME 414) beginning in the fall semester, and will be awarded based on enrollment verification.

**Criteria:** Academic merit ♦ GPA in upper-half of ME class ♦ Financial need

**Application Procedure:** The online application opens January 26. To access the application, go to your CSUF portal (be sure to use the new portal) and click on the “Scholarships” button. Follow the onscreen instructions and be sure to answer in all the questions.

**Application Deadline:** March 3

## Floyd W. Thomas Memorial Scholarship

**Amount:** up to \$500 per year

**Established by:** This scholarship was established in memory of Dr. Floyd W. Thomas, professor of Mechanical Engineering for twenty years, who encouraged students to continue their education.

**Open to:** This award is open to continuing full-time upper division Mechanical Engineering majors.

**Criteria:** 2.5 GPA ♦ Scholastic achievement ♦ Financial need ♦ Professional promise

**Application Procedure:** The online application opens January 26. To access the application, go to your CSUF portal (be sure to use the new portal) and click on the “Scholarships” button. Follow the onscreen instructions and be sure to answer in all the questions.

**Application Deadline:** March 3