



National Science Foundation
WHERE DISCOVERIES BEGIN



Embry-Riddle offers Scholarships in Science and Technology

The S-STEM Scholars Program. Embry-Riddle Aeronautical University is offering individual student scholarships funded through a grant provided by the National Science Foundation of up to \$10,000 per academic year (up to four years with qualifying criteria) to academically talented and financially challenged students accepted into either the Electrical Engineering or Computer Engineering degree programs offered at the Prescott, Arizona Campus. These scholarships are provided to assist students in paying Embry-Riddle costs of attendance. Scholarship recipients also receive a minimum assurance of \$5,000 per year in other scholarships and grants funded by Embry-Riddle. These scholarship amounts are in addition to assistance for which the student qualifies from other federal and state programs.

The National Science Foundation promotes and advances scientific progress in the United States by competitively awarding grants and cooperative agreements for research and education in the sciences, mathematics, and engineering. The NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program provides institutions with funds for student scholarships to encourage and enable academically talented but financially challenged students to enter the workforce or go on to graduate school following completion of a baccalaureate degree in fields of science, technology, engineering, or mathematics. The program reflects the national need to increase substantially the number of American scientists and engineers. The S-STEM program will enhance the ability of these students to follow their dreams of attending one of the most prestigious aviation universities in the country.

The S-STEM program emphasizes the importance of recruiting students to science and engineering disciplines, mentoring and supporting students through degree completion, and partnering with employers to facilitate student career placement in the STEM workforce.

Embry-Riddle Aeronautical University is an independent, non-sectarian, not-for-profit, co-educational university with a history dating back to the early days of aviation. The University serves culturally diverse students pursuing careers in aviation and aerospace particularly, but it also offers degrees in a number of disciplines such as meteorology, computer science, computer engineering, electrical engineering, and other sciences that are not necessarily aviation-specific.

The S-STEM project directly supports the efforts of the Embry-Riddle-Prescott, (Arizona) campus to attract and retain highly qualified students that are capable of meeting the technical demands of the Electrical Engineering or Computer Engineering degree programs. It is the mission and purpose of the University to provide a comprehensive education that prepares graduates for productive careers and responsible citizenship to support the needs for professionals in aviation and aerospace, and emphasize communication and analytical skills needed in industry and in advanced educational endeavors.

Many Embry-Riddle **Electrical Engineering and Computer Engineering** graduates progress to graduate school and find careers in research and development and/or within academia. Others work for federal agencies or the US military, while the remainder find private sector employment as engineers, consultants or other opportunities in advanced technology.

For more information about the S-STEM scholars program offered by Embry-Riddle Aeronautical University, please feel free to direct your inquiry to Dr. Chuck Cone (conec@erau.edu), Dr. Ed Post (john.post@erau.edu), or Ms. Debra Cates (Debra.Cates@erau.edu), Admissions Department, 3700 Willow Creek Road, Prescott, AZ 86301 at 928-777-6600 (www.erau.edu).

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Embry-Riddle Aeronautical University & National Science Foundation
S-STEM Scholarships in Science Technology, Engineering, and Mathematics

Application Cover Letter
Academic Year 2008-09

Student Name: _____

High School: _____

Applying to: _____ **Electrical Engineering** _____ **Computer Engineering**

Scholarship Checklist

DEADLINE: April 15, 2008, or until filled

Please include all of the following:

- _____ Application Cover Letter (this form serves as the cover letter)
- _____ 500-word Essay¹
- _____ Recommendation Letters²
- _____ Copy of Student Aid Report (SAR)³
- _____ High School Transcript⁴

Scholarship Criteria

- ¹This essay is your opportunity to provide Embry-Riddle with information about you that does not fit in the standard application form. Write a 500 word essay describing your life, accomplishments, and the future you would like to build for yourself. What qualities do you possess that will ultimately make you a successful university student and future professional electrical or computer engineer? How can Embry-Riddle contribute to your success? What are your reasons for wanting to pursue a B.S. in electrical engineering or computer engineering at Embry-Riddle's Prescott Campus?
- ²Provide three (3) letters of recommendation from previous teachers providing their view as to your potential for success in a rigorous engineering program; sent directly to the office or included in this application packet in signed and sealed envelopes;
- ³Provide evidence of Federal Pell Grant eligibility by submitting a copy of your 08-09 Student Aid Report resulting from your filing of the 08-09 FAFSA (Free Application for Federal Student Assistance), include code 001479 for ERAU Prescott when you file;
- ⁴Must have a minimum cumulative High School grade point average of 2.75 (on a 4.0 scale) for the two years preceding the application;
- Obtain admission to either the electrical engineering or computer engineering degree program at Embry-Riddle Aeronautical University located in Prescott, Arizona;
- Successful candidates will receive written notification of award.

Mail or fax application to (if you fax you must also mail the original application to):

Admissions Department
Embry-Riddle Aeronautical University
3700 Willow Creek Rd.
Prescott, AZ 86301
928-777-6600 928-777-6613 (fax)

For more degree specific information please visit: