



UNIVERSITY OF SOUTH ALABAMA  
COLLEGE OF ENGINEERING

**Strategic Plan**

**Mission Statement**

The Mission of the College of Engineering is to provide students with high-quality, accessible undergraduate and graduate engineering education; to prepare graduates for professional careers and lifelong learning; to create and disseminate knowledge; and to serve society through economic and technological development of the Gulf Coast, the State of Alabama, and the Nation.

**Vision**

To be the premier resource for engineering education and research in the Gulf Coast as well as a catalyst for global economic and technological development.

**1. Student Access and Success:**

Provide high quality undergraduate programs that facilitate individual growth, engage students in comprehensive engineering design projects/research, and foster qualities of leadership and professionalism.

- 1.1. Raise admission requirements including SAT/ACT scores and GPA.
- 1.2. Increase the number of available scholarships.
- 1.3. Increase the amount of scholarships available for recruitment of talented students.
- 1.4. Maintain existing or decrease student to teacher class ratios.
- 1.5. Increase the number of Graduate Teaching Assistants and SIs.
- 1.6. Identify and implement best practices for evaluation of effective teaching.
- 1.7. Increase opportunities for online learning in engineering courses.
- 1.8. Encourage national and international student design competitions.
- 1.9. Increase student participation in undergraduate research.
- 1.10. Increase opportunities for practical hands-on design experiences.
- 1.11. Increase the ethnic and gender diversity of the college of engineering.
- 1.12. Increase student engagement with the local engineering community to include participation in professional societies, local meetings, and discipline related community service.
- 1.13. Increase the number of USA undergraduate students who continue on to graduate education at the USA College of Engineering.

**2. Enhancement of Research and Graduate Education:**

Increase College of Engineering productivity in discovery, research, and scholarship and ensure excellence in graduate education.

- 2.1. Increase the number of graduate teaching and research assistantships and their compensation.
- 2.2. Enhance research facilities and infrastructure.
- 2.3. Encourage interdisciplinary research collaborations.
- 2.4. Develop and implement a recruitment plan for graduate programs.
- 2.5. Increase the percent of faculty that are engaged in competitively funded research.
- 2.6. Establish research partnerships outside of the university.
- 2.7. Provide adequate and qualified research support staff.
- 2.8. Increase the number of graduate students/faculty publishing in refereed journals and presenting at conferences.

**3. Community Engagement:**

Provide engineering expertise and leadership to the community with an emphasis on the needs of the Gulf Coast region; and interact with the community through active involvement in professional societies, industry, and civic organizations.

- 3.1. Expand cooperative education and internship opportunities for students.
- 3.2. Provide the local engineering community with access to the knowledge and expertise of the faculty in the College of Engineering.

**4. Global Engagement:**

Nurture a culture in the College of Engineering that expects its faculty and graduates to work successfully in a global industry.

- 4.1. Develop a recruitment plan that increases the diversity of countries represented by international students.
- 4.2. Better prepare graduates to work internationally and in global corporations.
- 4.3. Enhance faculty interaction with international colleagues.