



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.
- 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.