

ENGINEERING

at Georgia Southern University

Situated in the heart of an area with growing demand for engineering graduates to work in broadening high-tech industries, Georgia Southern University is committed to providing access to engineering education in Georgia.

Never before have students had so many opportunities to study engineering, while earning part or all of their degrees at Georgia Southern, a campus that offers many unique advantages over other universities.

The Engineering Studies Program at Georgia Southern offers three options for engineering study that lead to an engineering degree from the Georgia Institute of Technology: the Regents Engineering Transfer Program, the Georgia Tech Regional Engineering Program, and the Dual Degree Program, through which students also earn a degree in mathematics or science from Georgia Southern.

Whether you earn your degree on the Georgia Southern campus, start at Georgia Southern and transfer to Georgia Tech, or start at Georgia Southern and transfer to another engineering program, you will experience excellence in engineering education at Georgia Southern.



The Statesboro area and the University community are my home, and I really wanted to stay near my family, my friends, and my church while I studied engineering.

Georgia Southern and Georgia Tech have made that possible through GTREP. Both Georgia Southern and Georgia Tech professors have given me a lot of guidance. They have helped me zero in on what I want to do, and now that I am starting my career I know that I won't be going to work just to get a paycheck.

"Thanks to Georgia Southern and GTREP, I now have it all. I didn't have to move to Atlanta to get my degree, and best of all, I now have a job working with a consulting engineering firm right here at home. Georgia Southern was my first choice, and it was definitely the right choice."



Wesley Sherrrod, Civil Engineer
Georgia Tech Civil Engineering Degree, December 2001
First Graduating class of GTREP, 4.00 GPA

Our firm has employed many Georgia Southern graduates over the years. We're interested in hiring talented engineers who want to live and work in the coastal area. Through the GTREP program, students can study engineering locally and work locally long-term without moving out of the region; this is a tremendous benefit to southeast Georgia.



Gus H. Bell III, CEO and President
Hussey, Gay, Bell and DeYoung

REGENTS ENGINEERING TRANSFER PROGRAM (RETP)

Georgia Southern has a long history of collaboration with Georgia Tech in engineering education through the Regents Engineering Transfer Program. The RETP allows engineering students to complete the first two years of engineering studies at Georgia Southern, and then transfer to Georgia Tech for the latter part of their degree coursework.

Engineering students attend Georgia Southern to complete foundation coursework for any of the engineering programs offered by Georgia Tech: aerospace, biomedical, chemical, civil, computer, electrical, industrial, materials, mechanical, nuclear, and textile.

The coursework is also compatible with that of other engineering programs throughout the United States, allowing students to complete their engineering studies at another institution.

RETP: A History of Success

Georgia Southern has been producing top-quality engineering students through RETP since 1988.

- 46 percent of the total RETP population at Georgia Tech transferred from Georgia Southern.
- 48 percent of RETP graduates from Georgia Tech are from Georgia Southern.
- 87 percent of Georgia Southern RETP students who transferred to Georgia Tech have graduated or are still enrolled there.

GEORGIA TECH REGIONAL ENGINEERING PROGRAM (GTREP)

Georgia Southern is expanding its collaboration with Georgia Tech beyond the RETP to offer engineering degrees on the Georgia Southern campus through the Georgia Tech Regional Engineering Program. Bachelor's degrees in four of the

fastest growing, highest paying, fields of engineering - civil, computer, electrical, and mechanical are now offered on the Georgia Southern campus. Small classes encourage students to work closely with professors in career preparation, and a mid-size, comprehensive university campus offers plenty of opportunities for a rewarding college experience.

Engineering students prepare for two years in their chosen field of study by taking four semesters of foundation coursework in mathematics, the sciences,



engineering, humanities, and liberal arts as Georgia Southern students. With a grade point average of at least 2.7, students are then admitted into the upper level of the program as Georgia Tech students in residence on the Georgia Southern campus. The curriculum is developed closely in conjunction with Georgia Tech to assure a smooth transition into the upper level, and Georgia Tech faculty teach the upper level engineering courses.

Upon successful completion of GTREP, students receive a Georgia Tech degree while remaining in residence on the Georgia Southern campus.

TECHNOLOGY OPTIONS PROGRAM (TOP)

The Technology Options Program is designed for students who do not meet the initial entrance requirements for either the GTREP or RETP, but who are regularly admitted to Georgia Southern. TOP students take classes in mathematics, science, and liberal arts that are required for their intended major and, upon successful completion of the admission requirements, are accepted into either GTREP or RETP. The TOP allows students to make up for any deficiencies in their high school education prior to entering a Georgia Tech program of their choice, thereby increasing their potential for success in engineering. TOP students are also provided with information about other technical majors to choose from in the School of Technology. GSU 1210A, a special version of the university orientation course, is designed especially for students interested in careers in engineering and technology.

Admission requirements for GTREP and RETP Beginning Freshmen

- minimum combined SAT score of 1090/1600 (minimum 440 verbal; 560 math); and
- minimum high school GPA of 3.00 in academic subjects, and satisfaction of CPC requirements.

Applicants may exempt the above requirements by submitting a letter of acceptance from Georgia Tech stating acceptance into one of their engineering programs.

For GTREP, international students must have a TOEFL score of 600 (paper version) or 250 (computer version).

Applicants who do not meet the applicable requirements but who are accepted into Georgia Southern University will be placed in the Technology Options Program.

Current Georgia Southern Students (including TOP) & Transfer Students

- completion of 30 semester credit hours with a cumulative GPA of 3.00;
- completion of Calculus I and Calculus II with grades of at least "B" (3.00 GPA);
- completion of the first required physics and chemistry course (first two required chemistry courses for Chemical Engineering) With grades of at least "B" (3.00 GPA).

Satisfactory completion of the Georgia Southern portion of the GTREP or RETP includes:

- completion of the first two years of all coursework as specified in the student's major field of engineering with a Regents cumulative GPA of 2.70 in each (3.0 for nonresidents, 3.5 for international students);
- completion of the mathematics sequence and science sequence with an average GPA of 2.70 (3.0 for nonresidents, 3.5 for international students); and
- completion of English Composition I and II with grades no lower than C. Students completing the Georgia Southern portion of the program must apply to Georgia Tech through the Office of the Director of Engineering Programs at Georgia Southern.

HIGH SCHOOL PREPARATION FOR ENGINEERING PROGRAMS

High school students interested in pursuing an engineering degree should complete the College Preparatory Curriculum, and take as many math and science courses as possible within the CPC.

The following table shows the recommended minimum number of units of math and science recommended for enrollment in an engineering program.

Lab Sciences (including chemistry, and physics, if available).....	3
Mathematics (including algebra I and II, geometry, and pre-calculus; and calculus, if available)	4

FOR MORE INFORMATION, CONTACT

Coordinator of Engineering Studies
Georgia Southern University
P.O. Box 8045
Statesboro, GA 30460-8045
Telephone: 912-681-5373
Fax: 912-681-0537
<http://cast.georgiasouthern.edu/meteet/engr/>

ENGINEERING STUDIES

