I am strongly committed to make the world a better place by developing the next generation of engineers, researchers and educators. I know that learning complicated math, critical engineering concepts and theories is not always fun. Thus, the classroom discussion must be thought-provoking to encourage the students to think and challenge their intellectual capability on a constant basis.

Sazzad Bin-Shafique, Ph.D., P.E.
Assistant Professor, Department of Civil and Environmental Engineering,
UT System Regents’ Outstanding Teaching Award
I really enjoy the professors in the UTSA College of Engineering. They are always willing to help with anything and always expect each student to go above and beyond. Although I will truly miss UTSA because they have really pushed me to become a great student, I know the hard work will transfer into becoming a great engineer.

Brandy Alger, ’11
electrical engineering

You want to shape the technology of tomorrow. You’re ready for a career as an engineer, or perhaps as a leader in global industries. Then you are in good company with other College of Engineering graduates, who include a member of the Xbox 360 project team at Microsoft and the vice chairman of operations and technology for Dell.

BEGIN YOUR JOURNEY AT THE COLLEGE OF ENGINEERING

We are the fastest-growing engineering college in Texas. We have state-of-the-art instructional laboratories and classrooms in three adjacent buildings on the UTSA Main Campus, including the new $84 million Applied Engineering and Technology Building. We can help you round out your college experience with more than 20 student chapters of professional and engineering honor societies.

- More than 2,500 students are enrolled in the College of Engineering, including more than 2,100 undergraduates. Enrollment has increased by one-third in the past five years.
- The Center for Excellence in Engineering (CE3) provides a holistic approach to improve the quality of education in the College of Engineering.
- Students receive hands-on instruction from faculty. Computer-aided design (CAD) facilities are routinely used in all programs.
- The college provides cutting-edge research in a wide range of areas such as structural/information security, environmental issues, biomaterials, biomechanics, robotics, manufacturing, computational modeling and sustainability. Since 2000, annual research funding has increased by more than 700 percent.
- The college’s Texas Sustainable Energy Research Institute is positioning San Antonio as a leader in renewable energy, thanks to a $50 million pledge from CPS Energy.

DEGREE PROGRAMS

- Biomedical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Mechanical Engineering

ADMISSION CRITERIA

In addition to the undergraduate admission requirements, students pursuing majors in the College of Engineering must also meet the below criteria. Those who do not may be admitted to the university as pre-engineering majors.

FRESHMEN/FRESHMAN TRANSFERS:

- Must have completed MAT 1214 Calculus I, or the equivalent with a grade of “C-” or better, or have met a prerequisite for taking MAT 1214.
- i. Must have graduated in the top quartile of their high school graduating class, or
- ii. Must have graduated in the second quartile of their high school class and have a combined SAT critical reading and mathematics score of at least 1100 with a minimum mathematics score of 550 or an ACT score of at least 24, or
- iii. Must be granted admission into a College of Engineering major by holistic review by the College of Engineering if not meeting the criteria in i. and ii. above.

TRANSFERS:

- Must have completed MAT 1214 Calculus I, or the equivalent with a grade of “C-” or better, or have met a prerequisite for taking MAT 1214.
- i. Must have a transfer grade point average of at least 2.5 and a grade point average of at least 2.5 in all mathematics, sciences and engineering coursework, or
- ii. Must have a transfer grade point average of at least 2.25 and a grade point average of at least 2.25 in all mathematics, sciences and engineering coursework, and be granted admission to the College of Engineering major by holistic review by the College of Engineering.