



Faculty

The Department of Engineering Technology has 16 full-time faculty members with a range of educational and industrial experience. The faculty members have earned degrees from respected institutions of higher education in the United States and foreign countries that are considered leaders in technology. The faculty size allows for a favorable student-faculty ratio and covers a spectrum of technologies. The faculty has built a strong reputation for dedicated teaching, advising, mentoring and career consulting. An open-door policy exists throughout the department.

Location

Texas State is located in San Marcos, Texas, at the edge of the Texas Hill Country. Its location on Interstate 35 near Austin and San Antonio provides students opportunities in engineering technology-oriented research, internships and employment.

Career Opportunities

The broad range of course work and practical instruction in technical laboratories prepares tomorrow's engineering technologists for a variety of rewarding and challenging careers in different industries.

Graduates have found employment with exceptional companies across the state and the nation, such as include Fluor Corporation, Applied Materials, SpawGlass, AMD, General Motors, KB Home, National Instruments, Dell and Pulte Homes. Jobs include project manager, estimator, scheduler, quality manager, industrial engineer, manufacturing engineer, general contractor and manufacturing technologist.

Texas State University-San Marcos is an equal opportunity educational institution. This information is available in alternate format upon request from the Office of Disability Services.

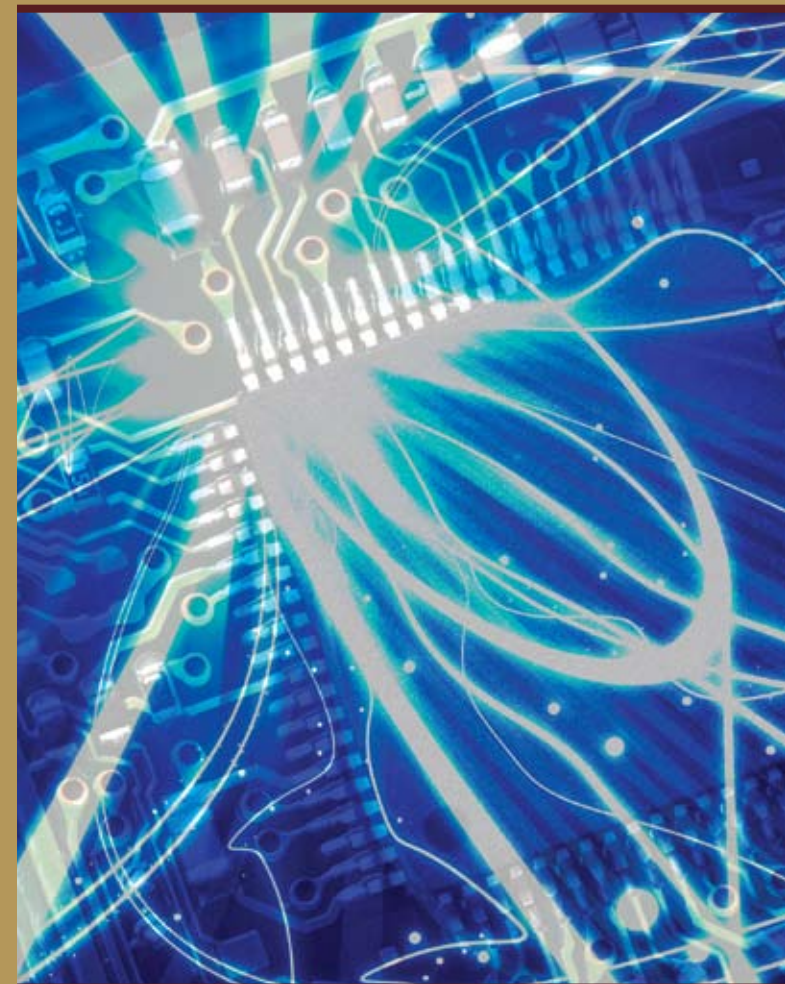
Admission to Texas State

For more information on Texas State and how to apply for admission, visit www.txstate.edu/prospective.html or contact the Office of Undergraduate Admissions at admissions@txstate.edu or 512.245.2364.

Financial Aid and Scholarships

Texas State offers scholarships that are open to students of all majors. Visit www.finaid.txstate.edu or contact Financial Aid and Scholarships at finaid@txstate.edu or 512.245.2315. Other scholarships are available specifically for engineering technology majors. Information on department-specific scholarships can be found at www.txstate.edu/technology/scholarship.htm.

Engineering Technology



TEXAS STATE
ENGINEERING TECHNOLOGY

Texas State University-San Marcos
601 University Drive
San Marcos, TX 78666
512.245.2137
www.txstate.edu/technology/

College of Science
www.science.txstate.edu

TEXAS STATE
UNIVERSITY
SAN MARCOS

The rising STAR of Texas

www.txstate.edu 

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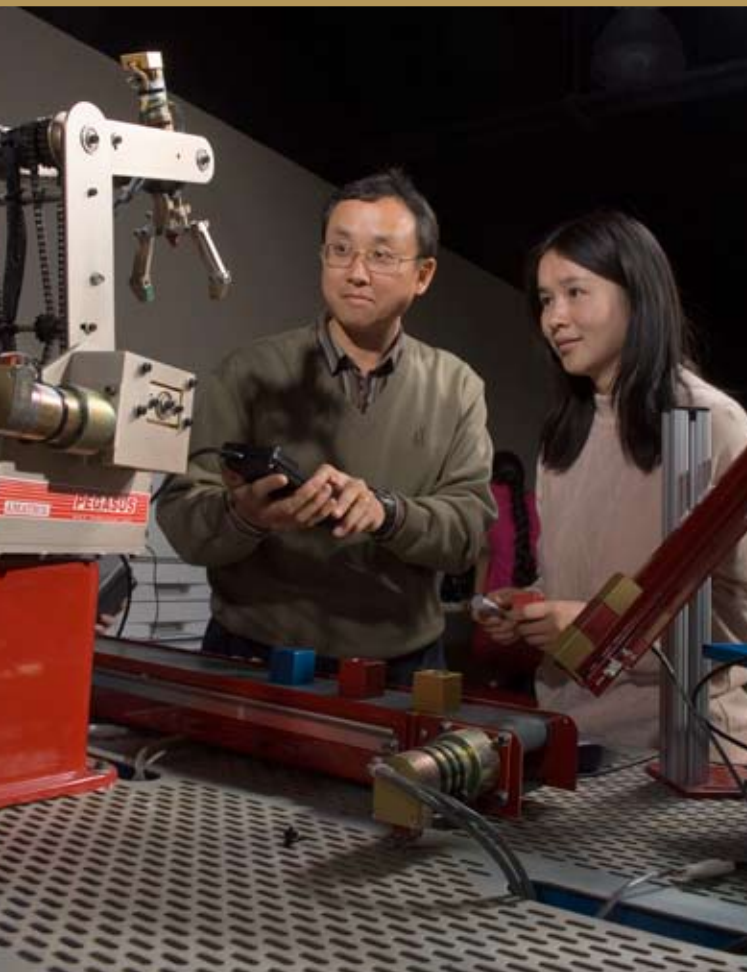
A member of The Texas State University System

Engineering technology is a hands-on, applied engineering discipline that prepares students for a wide range of exciting technical and professional careers in industry, business and government.

How is engineering technology different from engineering?

Engineering focuses on analysis and design. This aspect of engineering tends to make the discipline analytical (mathematical, abstract and theoretical). Engineering technology focuses on the planning, fabrication, production, assembly, testing and maintenance of products and services. So engineering technology tends to be practical — process- and equipment-oriented.

If you are a curious and practically oriented person who enjoys hands-on work, taking things apart to figure out how they work (and putting them back together), repairing things and working with computers, engineering technology is the right major for you.



Degree Program

The Department of Engineering Technology offers a bachelor of science in technology with a major in engineering technology. In order to meet students' needs, the following concentrations are available in the engineering technology degree program:

- **Construction Engineering Technology** (for students with an interest in construction-related materials, processes, planning and systems)
- **Electrical Engineering Technology** (for students with an interest in electronic- and information technology-related products and processes)
- **Environmental Engineering Technology** (for students with an interest in environmental engineering management issues associated with modern industry)
- **Manufacturing Engineering Technology** (for students with an interest in manufacturing materials, processes, planning and systems)
- **Mechanical Engineering Technology** (for students with an interest in mechanical systems, which include machine elements, heat engines, pneumatics and hydraulics, robotics and automation)

Course Work

The engineering technology major requires 124 or 125 hours of study. Study programs include course work drawn from business, computer science, math, science, applied

engineering, technology, arts, humanities and social sciences. Most of the engineering and technology courses involve laboratory work in which students learn by doing. In order to facilitate hands-on learning, the Department of Engineering Technology, in conjunction with the Ingram School of Engineering, operates the following 20 laboratories:

- Computer-aided Design
- Metallurgy
- Construction Materials
- Concrete Testing
- Automated Machining
- Welding and Fabrication
- Mechanical, Electrical and Plumbing Systems
- Electronics
- Quality Assurance
- Microelectronics Manufacturing
- Material Removal
- Computer Integrated Manufacturing
- Plastics and Composites
- Applied Thermodynamics
- Rapid Prototyping
- Human Factors
- Senior Design Project
- Microprocessor
- Digital Systems
- Metal Casting