TI university program

university curriculum
engagement
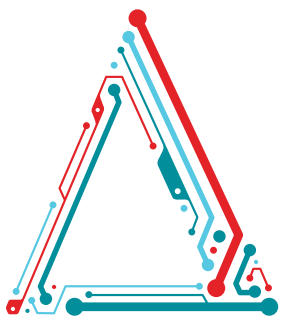
innovation
& university research

careers

engineering**change**™
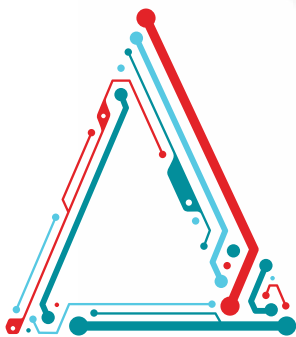
TI has a long history of university involvement; forging relationships that span the globe. We recruit the brightest students from the best engineering schools around the world and offer new college graduates unique opportunities for professional and technical development. We are committed to innovation and provide technical support and funding to pioneer new research engagements with universities. TI is ultimately committed to bringing the most advanced technology in the semiconductor industry to university curriculum worldwide - providing their students with the competitive edge necessary to succeed in this exciting industry and today's challenging workplace.

university curriculum engagement – mission

To partner with educators to integrate TI technology into course curricula for hands-on learning, and to help students complete design and research projects that will hone their engineering skills and abilities.

To increase the knowledge base of future engineers so they understand industry standard technology. TI helps develop the skills needed to tackle tomorrow's most challenging problems. In time these students will either join the TI team or become our customers.

To inspire innovation and to help engineering academia effectively demonstrate the potential of their ideas by providing university educators, researchers, and undergraduate and graduate students access to the largest portfolio and most advanced analog and embedded processing hardware and software on the planet.

university curriculum engagement – strategic components

embedding TI technology into engineering teaching labs

Interacting with educators globally to understand the curriculum at their specific university and finding creative ways to intersect them with TI technology is at the core of our work. In many cases, using the same evaluation modules we provide our customers, students learn on TI platforms across analog and embedded processing. They take theoretical problems and perform lab exercises from simulation to actually solving real-world, practical solutions.

conducting design contests

Since the 1990s, TI has sponsored global design contests for undergraduate engineering students, particularly in their senior year. This gives us the opportunity to directly engage with young and creative engineers, and identify future talent for us and our customers. It also gives students experience working with TI products to develop creative solutions that complement their coursework and builds the skills they need. While competitions are administered differently in various regions, they have common goals. We continue to expand the number and reach of these contests.

producing textbooks and teaching ROMs

TI partners with some of our closest educators and luminaries across the world to develop teaching material on our platforms to be leveraged by academia. The teaching materials make it as easy as possible for educators to adopt TI technology into their curriculum. teaching materials are in the form of textbooks written on TI technology and architectures, as well as teaching ROMs, which encapsulate PowerPoint presentation material, code examples, student lab exercises and homework problem sets into an easy-to-consume medium.

university recruiting – mission

Find the smartest and most ambitious students in the world and provide them with the most exciting opportunities in the industry at TI.

university recruiting - strategic components

providing student opportunities at TI

Our student opportunities include internships and recent college graduate positions that include a mixture of challenging real-world projects and formal curriculum that help students develop the hard and soft skills they need to collaborate, create and innovate throughout their careers. TI's interns and recent college graduates, selected from among the top performers in their disciplines, receive a level of mentoring, coaching and professional development they can't get anywhere else. Disciplines such as Design, Product/Test, Applications, Software, and Systems engineering as well as critical functional skills such as Finance, Marketing, Communications, Human Resources, etc. are among those that we are always seeking.

An internship at TI is an opportunity to acquire a level of professional confidence that can only be gained from real accomplishments. In addition to taking on a project that's critical to our business, our interns also have frequent access to our top leaders who share their experience and guidance. Interns benefit from direct coaching and mentoring from their more experienced team members to help them develop a variety of professional and leadership skills. TI ensures they begin their engineering career paths to success on the right foot.

direct hire programs

A recent college graduate who accepts a position at TI becomes an instant team member – learning, collaborating, building deep expertise in technology and business. They "learn while doing" by getting to touch the products right away, and we offer them lots of professional development opportunities, along with one-on-one coaching and mentoring.

offering global rotation programs

A combination of hands-on work experience and formal curriculum, our highly competitive global rotation programs are designed to both challenge recent college graduates and provide experience in a variety of roles to help them decide which direction they want to take in their careers.

university research

We believe that partnering with universities in research is a vital investment of time and resources. Such collaborative efforts with both educators and students are clear investments in the bright engineering minds that will shape the evolving future of technology. TI has a deep commitment to university research and is a pivotal influencer over these industry trends.

In the past five years alone, TI and the TI Foundation have invested more than $150 million to support education. Higher education has received about 80 percent of these funds, with approximately 70 percent of that investment focused on research projects in areas such as energy harvesting, computational photography, biomedical electronics including geriatric falls prevention, power management and robotics.

Our involvement with the Semiconductor Research Corporation also broadens the scope of our research efforts. Nearly 200 TIers take part in SRC-funded research projects in technical advisory roles at local, national, and international levels. TI has been a member company of SRC since 1987. Our investment in semiconductor research activities enables university educators and students in science and engineering to flourish and supports TI's commitment to strengthening engineering education around the world.

ti.com/engineeringchange

online TI resources:

ti.com/university
Offers educators, researchers and students information about the benefits of the integration of TI technology into course curricula, senior design and research project.

ti.com/students
Provides college students career information and student testimonials about the types of degrees needed to pursue engineering as a career. Join TI and begin **engineering**change™.

Visit **ti.com/education**
For a complete inventory of our education support.

Visit **ti.com/innovation**
To read TI's innovation story and commitment to research and development.

PursueEngineering.com
Offers high school students and teachers information about engineering pathways and the importance of math and science.

TEXAS INSTRUMENTS

SEKB009A

IMPORTANT NOTICE

Products		Applications	
Audio	www.ti.com/audio	Automotive and Transportation	www.ti.com/automotive
Amplifiers	amplifier.ti.com	Communications and Telecom	www.ti.com/communications
Data Converters	dataconverter.ti.com	Computers and Peripherals	www.ti.com/computers
DLP® Products	www.dlp.com	Consumer Electronics	www.ti.com/consumer-apps
DSP	dsp.ti.com	Energy and Lighting	www.ti.com/energy
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Logic	logic.ti.com	Security	www.ti.com/security
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