

Preparing for the future

As a technology and engineering education graduate you are eligible to teach a variety of subjects including design and communication, construction, advanced manufacturing, power and energy, biotechnology, technology and society, and pre-engineering courses.

Opportunities for positions in public schools are extremely high as there is both a state and national shortage of licensed teachers in the technology and engineering education field. In addition to teaching, you may be involved in coaching school sports and sponsoring student activities and clubs, such as FIRST Robotiks, LEGGO League, SKILLS USA, Vex Robotics, and IMSTEA Challenge.

Indiana State's \$18.7 million John T. Myers Technology Center has more than 20 state-of-the-art laboratories filled with the most up-to-date equipment and supplies.

Investigate financial assistance

A number of scholarships are available through the College of Technology, the International Technology Education Association, and through your high school. More information about technology scholarships is available on the College of Technology's Web site and in the Department of Technology Management. In addition, the ISU Office of Student Financial Aid, 800-841-4744, has information on additional scholarships and other forms of financial assistance.

Technology and Engineering Education

College of Technology

For more information

To learn more about the Technology and Engineering Education Program at Indiana State University, or to schedule a tour of our facilities, contact:
Department of Technology Management
Technology and Engineering Education Program
College of Technology
Indiana State University
Terre Haute, IN 47809
Phone: 812-237-9633
www.indstate.edu/tm/TEE/TEE.htm



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Choosing to major in Indiana State University's Technology and Engineering Education Program allows you to combine your enthusiasm for problem-solving, technology, and engineering with teaching. A hands-on interdisciplinary program, the major prepares you to teach technology and engineering at the secondary (middle school and high school) level. The major integrates technology, innovation, design, and engineering with other academic areas, general education, and teacher education.

Course content is designed to start with the basics of technology/engineering to help you develop the knowledge and skills necessary to teach technology and engineering education. To succeed in the program you must be willing to apply critical thinking to solving problems, to develop hands-on skills, and have a desire to work with young people.

The program is part of Indiana State's College of Technology, a national leader in providing a quality education in a broad range of technologies. The college offers specialized and well-equipped laboratories for study, and its faculty are current on trends in the various technology and engineering areas, making these programs some of the most advanced and informative in the country.

Program in technology and engineering education

Technology and engineering education students at ISU enroll in a variety of exciting courses that combine classroom activities, laboratory experiences, and real-world teaching practice. Technology course work includes such innovative topics as:

- Design and communications
- Pre-engineering
- Advanced manufacturing
- Power and energy
- Introduction to graphics
- Power systems
- Electronics
- Video production
- Automation
- Construction
- Packaging

Completion of the program leads to a bachelor of science degree and eligibility for licensure as a secondary teacher. All students are enrolled in both the College of Technology and the College of Education.

What makes us different?

From day one as a technology and engineering education major you are involved in real-world experiences both in and out of the classroom. At ISU you begin working with secondary school students during your first semester

through field experiences in area schools, the development and supervision of on-campus educational activities such as Tech T.R.E.K., and hands-on laboratory experiences.

Enrich your experience through student involvement

A variety of organizations are available to ISU students including both educational and technology clubs, societies, honoraries, and associations. As a technology and engineering education student you will specifically find joining the Technology Education Collegiate Association (TECA) beneficial professionally and socially. This organization gives you the opportunity to network with practicing teachers, students, and professors at state and national conferences; to compete in various problem-solving competitions; and to participate in student-centered activities.



Brandon Small

Brandon Small, a technology and engineering education major who graduated in May 2001, is employed at Sullivan High School in Sullivan, Indiana, as a technology and engineering education teacher, coordinator of the Interdisciplinary Cooperative Education and Project Lead the Way Programs, and lead faculty advisor of the Indiana Math, Science, and Technology Education Super Mileage Challenge for the Southwest Sullivan School Corporation. While a student at ISU, Small was a member of the Sycamore Baseball Team and the Technology Education Collegiate Association. He continues to remain active in technology and engineering education organizations in order to stay up-to-date with new and emerging technologies.

The College of Technology's involvement with industry, government, and business, together with faculty and student participation in "real world" projects, provides students with educational experiences designed to expand their career opportunities.

