



NORTHERN ILLINOIS UNIVERSITY

College of Engineering and  
Engineering Technology



# THE ETAS Challenge





# Your ETAS role.

## Welcome to the Elite.

You are now a member of the Engineering and Technology Alumni Society (ETAS). As part of this group, we hope you will accept the challenge to uphold the critical code of ethics for engineers, share your expertise and passion for engineering with current and potential NIU students, and move forth into your profession as an honorable, proud Huskie. This honorable society includes all graduates of NIU's College of Engineering and Engineering Technology, and represents professionals of engineering disciplines and the technology used and created.

As you know, developing innovative engineers and technologists requires constant partnership and communication with business and industry. As you make the transition from student to professional, we urge you to keep connected to our alumni society by doing the following things:

Hang your diploma with pride.

Attend events such as homecoming or senior design.

Encourage other alumni to stay connected to the college.

Speak with your company regarding internships, scholarships, Senior Design projects, and the hiring of other CEET students.

Stay connected to college events, news, and accomplishments by following social media feeds and reading the alumni newsletter. [go.niu.edu/LinkedInETAS](http://go.niu.edu/LinkedInETAS)



Sign up to judge Senior Design Day.

Consider serving on the ETAS Board of Directors.

# The Coin.



Members of the U.S. Armed Forces have a long-standing tradition of carrying such coins symbolizing unit identity and brotherhood. Each piece usually bears unique unit symbols or mottos that identify the group in which they belong, and are often traded, presented, and collected between unit members. Challenge coins capture the very essence of affiliation and instill pride to those who carry them.

As an engineer, you are part of an elite rank of individuals possessing the unique ability to conceptualize, refine, and mold the next generation. As a graduate, you are among the creators of our most promising future. With the coin, you'll identify yourself as a successful member of our Engineering and Technology Alumni Society.





# The Ethical Engineer

Hold paramount the safety, health and welfare of the public.

Perform services only in areas of their competence.

Issue public statements only in an objective and truthful manner.

Act for each employer or client as faithful agents or trustees.

Avoid deceptive acts.

Conduct themselves honorably, responsibly, ethically, and lawfully so as to enhance the honor, reputation, and usefulness of the profession.



## ETAS Events

### Homecoming

Each year, before the Homecoming game, we join in Alumni Village to celebrate the Huskies, reminisce about our college years, and do a little networking.

### Coin Ceremony

Immediately following the undergraduate commencement ceremony, join CEET faculty and students as new graduates are welcomed into the Engineering and Technology Alumni Society and presented with the honorable challenge coin by ETAS Board Members.

### Senior Design

Each semester, we seek alumni to help us judge student senior design projects, according to the department and ETAS rubrics.

### ETAS Board Meetings

The ETAS Board of Directors meets on the third Saturday of each month. Elections for the board are held in October and announced at Homecoming. Alumni can volunteer to be on committees to help ETAS achieve its mission.

### Scholarship Selection

With the help of the alumni community, the ETAS board members help to distribute several scholarships which are funded by the ETAS endowment.



# Sponsor a Senior Design Project.

Help a student and your company at the same time - make a difference and support a student project. The College of Engineering and Engineering Technology at NIU requires engineering and engineering technology majors to complete a capstone project before graduation. The capstone offers the opportunity to apply the knowledge and skills gained in classes and labs to a real-life application of product design, system solution, or process improvement. Many of these projects address specific requests from local industry.

Student teams integrate several engineering disciplines to solve real-life engineering problems. All projects are researched, documented, written up as a report, and presented in a professional manner. Most of the projects utilize principles of concurrent engineering.

**You can sponsor a student project in one or more of the following ways:**

Provide an engineering topic for the student to focus on.

Offer a current company engineering project for the student to evaluate.

Provide equipment or other resources that support the student project.

Fund a student project.

Your assistance and support of student projects help students get a feel for the challenges they will encounter as a professional: solving important problems, working with interdisciplinary teams, discovering new information, planning systems and timelines, selling and presenting the solutions, and feeling a sense of pride in their accomplishments.

For more information please visit [niu.edu/ceet](http://niu.edu/ceet).



ETAS Mission Statement:

*Support the NIU College of Engineering and Engineering Technology by combining professional experience and passion for continued student and alumni development.*

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