WHAT COMPANIES/ PRODUCTS WERE CREATED BY ILLINOIS ALUMNI?
• **CREATED IN 2000**
• **LOCATED IN COLLEGE OF ENGINEERING**
• **CAMPUS-WIDE ENTREPRENEURSHIP COURSES AND PROGRAMS**
• **NEW! GRAINGER ENGINEERING LIBRARY INNOVATION, DISCOVERY, DESIGN, AND DATA (IDEA) LAB**

**TEC OFFERS:**

• **ACADEMICS**
• **PROGRAMS**
• **EXPERIENCES**

Providing students and faculty with the skills, resources and experiences necessary to become successful innovators, entrepreneurs and leaders who tackle grand challenges and change the world.
TEC STAFF

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Prof. Singer received the S.B., S.M.,
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TEC OFFERS

ACADEMICS

PROGRAMS

EXPERIENCES
TEC ACADEMICS...

Courses

Certificates

Dual BS Degree
TEC COURSES

- ENTREPRENEURSHIP-RELATED COURSES TO GIVE STUDENTS THE SKILLS TO BECOME SUCCESSFUL ENTREPRENEURS
  - ~20 COURSES IN FALL AND SPRING
  - ~1,200 STUDENTS ENROLLED PER YEAR
    - 59% UNDERGRADUATE
  - NOT JUST FOR ENGINEERS...
    - 71% COE
    - 11% LAS
    - 5% COB

- HTTP://TEC.ILLINOIS.EDU/ACADEMICS/COURSE-LISTINGS/INDEX.ASP
TEC COURSES

CULTIVATE IDEAS
- TE 250: From Idea to Enterprise
- TE 333: Creativity, Innovation and Vision

BUILD
- TE 461: Technology Entrepreneurship
- TE 401: Developing Breakthrough Projects
  - FEF Program
  - Student Idea

GROW
- TE 450: Startups: Inc, Fund, Contracts, IP
- TE 567: Venture Funded Startups
EXPERIENTIAL CREDIT

TE 497: INDEPENDENT STUDY

“Enlightened me to the importance of engineering as a discipline in underdeveloped countries.”

“I greatly value this experience, as it helped me develop the skills I need to pursue my goal of being a globally-engaged educator with a mission of using engineering as a force for social change.”

TE 401: DEVELOPING BREAKTHROUGH PROJECTS

• FACULTY ENTREPRENEURIAL FELLOW (FEF) IDEA – COE FACULTY
• STUDENT OWN IDEAS

“I had the opportunity to design my own research project relating to real-world application...see what the intersection of scientific innovation and entrepreneurship is like”

“I am now a confident engineer that learned the importance of having initiative, taking the lead, and pursuing what you really want no matter what.”
**Why Take TEC Courses?**

- Build skill sets necessary to be entrepreneurial or intrapreneurial
- Network opportunities
- Receive a certificate
  - Resume builder to show narrow focus and commitment to learning/honing skills
- Receive a dual BS degree in COE
TEC Certificates

- Issued over 350 Certificates!
  - Undergraduate
    - Innovation
    - Innovation, Leadership and Engineering Entrepreneurship
    - Technology Commercialization (TC)
  - Graduate
    - Business Management for Engineers (BME)
    - Strategic Technology Management (STM)
INNOVATION, LEADERSHIP, AND ENGINEERING ENTREPRENEURSHIP (ILEE) BS Degree

- Engineering students learn to solve problems. ILEE students learn to find the problems to solve.
- Coming soon!
- 1st degree in ILEE offered by COE at tier 1 research University
- Dual Degree within COE (includes Chem ENG)
- Curriculum
  - Core + Technical Electives
  - Unique aspect – experiential credit
ILEE BS DEGREE

COE/ILEE Dual Degree Information

ELIGIBILITY

- Have a desire to develop or build upon their existing innovation, leadership, and/or entrepreneurial skills
- Be at least in the second semester of freshman year but not yet in the second semester of junior year in a disciplinary degree program in the Illinois College of Engineering
- Be enrolled and remain in good standing in a College of Engineering degree program
- Be confident that graduation certification by the College of Engineering will occur within 10 semesters of the dual degree starting date
- Earn the primary degree and secondary/dual degree concurrently

GPA REQUIREMENT: Students must meet GPA eligibility standards of the COE ‘home department’

ANTICIPATED REQUIREMENTS

- Complete all requirements specified for the COE ‘home department’/primary degree, and an additional 30 hours for the second (ILEE) degree, for a minimum of 158 credit hours.
- Additional hours for the ILEE degree must be completed on the Urbana campus, as noted in University policies, and must be completed over at least one year
- Of the additional hours, 12 hours must be distinct, advanced level coursework in the ILEE discipline
- Plan carefully—courses used as distinct advanced credits cannot be used in meeting the COE ‘home department’ degree requirements

SEE BACK for specific ILEE courses
ILEE BS Degree

ILEE ORIENTATION & PROFESSIONAL DEVELOPMENT - TOTAL CREDITS: 1

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 298</td>
<td>Introduction to Innovation, Leadership &amp; Engineering Entrepreneurship</td>
<td>1**</td>
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ILEE CORE COURSES - TOTAL CREDITS: 30

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<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>TE 250</td>
<td>High-Tech Ventures: From Idea to Enterprise</td>
<td>2**</td>
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<tr>
<td>TE 298</td>
<td>User Oriented Collaborative Design</td>
<td>3</td>
</tr>
<tr>
<td>TE 333</td>
<td>Creativity, Innovation, Vision</td>
<td>4</td>
</tr>
<tr>
<td>TE 360</td>
<td>Lectures in Engineering Entrepreneurship</td>
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</tr>
<tr>
<td>GE 361</td>
<td>Emotional Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>TE 398</td>
<td>Innovation and Engineering Design</td>
<td>2</td>
</tr>
<tr>
<td>TE 401</td>
<td>Developing Breakthrough Projects</td>
<td>4</td>
</tr>
<tr>
<td>TE 450</td>
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<tr>
<td>TE 461</td>
<td>Technology Entrepreneurship</td>
<td>3</td>
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<tr>
<td>GE 462</td>
<td>Leading Sustainable Change</td>
<td>3</td>
</tr>
<tr>
<td>TE 466</td>
<td>High Tech Venture Marketing</td>
<td>2</td>
</tr>
</tbody>
</table>

*Innovation Living Learning Community (LLC) students can substitute TE 150 for these TE 298: Introduction section & TE 250.

*TE 200 can be substituted for TE 298: Introduction section

ILEE TECHNICAL ELECTIVES - TOTAL CREDITS: 19

The ILEE Technical Elective Approved list, found here, is the list of courses within the College of Engineering that have been approved to count towards the 19 credit hours required for the ILEE BS Degree. Please note that this is not an exhaustive list. If you would like to petition a course to count as an ILEE Technical Elective, please complete the ILEE Technical Elective Petition Form.
TEC OFFERS

ACADEMICS

PROGRAMS

EXPERIENCES
PROGRAMS

• ~5,000 STUDENT PARTICIPANTS ANNUALLY

• SOCIALFUSE (SEPTEMBER 13, EC E BUILDING, 5-7 PM)
  • A PITCHING AND NETWORKING EVENT THAT BRINGS STUDENTS, FACULTY AND COMMUNITY TOGETHER AND FUSES THEM THROUGH SKILLS, IDEAS, AND ENTREPRENEURIAL AMBITION

• ILLINOIS INNOVATION PRIZE
  • ~$20K AWARDED ON AN ANNUAL BASIS TO THE MOST INNOVATIVE STUDENT/S ON CAMPUS

• ENTREPRENEURSHIP FORUM
  • DAY-LONG, CAMPUS-WIDE FORUM THAT SHOWCASES THE DEPTH OF ENTREPRENEURIAL RESOURCES AND ACTIVITIES ACROSS CAMPUS FOR STUDENTS, FACULTY, STAFF, ALUMNI AND COMMUNITY
COZAD NEW VENTURE COMPETITION

• 16th Year; Campus-wide
• Spans 4 months
• 2016
  • 120 teams competed
  • $200K+ in Funding and in-kind prizes
• Winners
  • Amber Waves Grain Sensing
  • HPT: Hindered Polyurea Technology
• Why Compete
  • Mentoring from prominent alumni & entrepreneurs
  • Learn to pitch your startup to future investors
TEC OFFERS

ACADEMICS

PROGRAMS

EXPERIENCES
EXPERIENCES

Silicon Valley Workshop (application due Sept 26th)
- January 8-14, with 25-30 students
- Visit alumni tech companies in Silicon Valley

ThinkChicago Workshops (application due Sept 15th)
- Students take a tour of Chicago’s fast-growing tech scene
- Partnership with the City of Chicago, World Business Chicago and 1871
- 2 events: Chicago Ideas Week & Lollapalooza
EXPERIENCES

iVenture Accelerator
- An educational accelerator for top student startups
- Provides startups with co-working space, funding, expertise, and access to resources and alumni
- Collaboration across campus

Innovation Living Learning Community
- Located in Illinois Street Residence Hall
- Partnership between TEC and Housing
- 200 students
OTHER ENTREPRENEURIAL RESOURCES ON CAMPUS

• Student Entrepreneurship Groups
  • Founders
  • Young Women in Entrepreneurship

• Office of Technology Management (OTM)

• Research Park

• Enterprise Works

• Entrepreneurship at Illinois
  • Entrepreneurship.Illinois.edu
STEPS TO GETTING INVOLVED

• Like us on

• Join the TEC Student mailing list – tec.illinois.edu

• Academics
  • Take a few courses – OVER 15 TO CHOOSE FROM!
  • Plan to earn a certificate
  • Declare a dual degree (if COE student)

• Programs/Experiences
  • Attend Social Fuse – September 13, ECE Building
  • Apply for Silicon Valley Workshop – Open until September 26
  • Join an entrepreneurial RSO