Engineering Leadership and Innovation (ELI) Program
Vision: The Carl R. Ice College of Engineering will pursue academic excellence in all of its endeavors.

We will drive the vision with student-centered catalysts, including the Engineering Leadership and Innovation (ELI) program.
ELI Program

The ELI program addresses the need for technical leaders with a broad understanding of how engineering is practiced in a rapidly changing business environment.
ELI Program Overview

• Four-semester program, starting in the junior year
  – $3,000/year scholarship
• Program was initiated in 2015
  – 42 student scholars
  – 27 corporate partners
• Program components
  – Leadership and business courses
  – Industry mentors
  – Leadership practicum within a creative inquiry team
Learning in the Classroom

• LEAD 212 – Introduction to Leadership Concepts
• Two courses from the following:
  – LEAD 350 – Culture and Context in Leadership
  – LEAD 405 – Leadership in Practice
  – ACCTG 231 – Accounting for Business Operations
  – MANGT 420 – Management Concepts
  – MKTG 400 – Introduction to Marketing
  – ENTRP 340 – Introduction to Entrepreneurship
  – ENTRP 350 – Technology and Innovation Management
Learning With Corporate Partner Mentors

ELI scholars learn the tacit aspects of engineering practice from corporate partner mentors.
Leadership Practice – Creative Inquiry Team

ELI scholars are expected to practice leadership on a creative inquiry team.

- Participate for at least three semesters
- Seek leadership position
Evaluation of Skills Development

ELI scholars evaluate the development of their leadership skills using the Student Leadership Practices Inventory (LPI).

– Self-assessment at the start of the first and second year
– 360° assessment during the last semester
## Program Timeline

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<tr>
<th>Freshman</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
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<tbody>
<tr>
<td><strong>Prerequisites</strong></td>
<td><strong>Creative inquiry team (two semesters participation)</strong></td>
<td><strong>Creative inquiry team (three semesters participation)</strong></td>
<td><strong>Coursework in business and/or leadership studies (select two of the seven courses offered)</strong></td>
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<td><strong>LEAD 212</strong></td>
<td><strong>Application</strong></td>
<td><strong>Leadership development plan</strong></td>
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<td><strong>Corporate partner interactions</strong></td>
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<td><strong>Leadership essay</strong></td>
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<td><strong>Self-evaluation</strong></td>
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<td><strong>360° evaluation</strong></td>
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<td><strong>Scholarship ($3,000 per year)</strong></td>
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Program Summary

The ELI program is designed to train and mentor student leaders and innovators for tomorrow.

- Learning in the classroom
- Learning from corporate partner mentors
- Learning by practice within creative inquiry teams
Thank You!

ELI Program Corporate Partners
ELI Corporate Partners

ELI corporate partners are provided with exclusive opportunities such as:

• Career Spotlight Day
• Corporate partner mentoring with one or more ELI scholars
• ELI Day – professional development opportunity
• ELI student tour at corporate partner’s location
• Logo branding in Engineering Hall and the COE ELI webpage
• Logo branding for Career Spotlight Day
Corporate Logo Branding in Engineering Hall

Engineering Leadership and Innovation Program
In association with the Staley School of Leadership Studies

ELI Program Corporate Partners

[Logos of various companies indicated]
Career Spotlight Day

Each corporate partner has one designated day for an on-campus career spotlight.

- Focused student forum with ELI scholars
- Information table
- Information session
ELI Day

Coordinated by the Staley School of Leadership Studies, ELI Day offers professional development opportunities for mentors on effective coaching, mentoring and leadership skills.
Corporate Partner Facility Tours

BNSF Railway

Textron Aviation

Garmin

Westar