By 2025, the College of Engineering will be recognized as one of the nation’s Top 50 Public Research Engineering Colleges.

We will drive the Top 50 vision with student-centered catalysts, including the Engineering Leadership and Innovation (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 is in its second year
  – 42 student scholars
  – 17 corporate partners (22 mentors)
• 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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<th>Junior</th>
<th>Senior</th>
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<td>Prerequisites</td>
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<td>Creative inquiry team (three semesters participation)</td>
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<td>Coursework in business and/or leadership studies (select two of the seven courses offered)</td>
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<td>LEAD 212</td>
<td>Application</td>
<td>Leadership development plan</td>
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<td>Leadership report</td>
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<td>Corporate partner interactions</td>
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<td>Self-evaluation</td>
<td>Self-evaluation 360° evaluation</td>
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<td>Scholarship ($3,000 per year)</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

Thank You!

ELI Program Corporate Partners

BHC Rhodes

Black & Veatch

BNSF Railway

Boeing

Chevron Phillips

ConocoPhillips

Dolese

ExxonMobil

Garmin

Hallmark

Koch

MMC Corp 1932

Netsmart

Philly 66

Spirit Aerosystems

Beechcraft

Cessna

Hawker

Westar Energy
Engineering Leadership and Innovation
Corporate Partners Program
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

GARMIN
Hallmark
Koch
HMC Corp
Netsmart
Phillips 66
Spirit
Sprint
Westar Energy

Kansas State University
College of Engineering
Career Spotlight Day

- Each corporate partner has one designated day for an on-campus career spotlight.
  - Focused student forum with ELI scholars
  - Recruitment strategy session
  - 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

Black & Veatch

Textron Aviation

Spirit AeroSystems

Garmin