

**PRE-ENGINEERING AS
PROGRAM REVIEW SUMMARY AND ACTIONABLE INSIGHTS**

Conducted by IEC March 8, 2022



A. Summary of Program Strengths

- Growth in enrollment
- Partnerships and relationships with employers
- Advisory board is very strong and diverse
- The opportunities for internships for students
- Equipment supports student learning
- Student success stories are strong and inspiring
- Strong advisor for students
- Academic and club advising

B. Summary of Program Challenges

- Physical space is limited, especially for research
- The advisory board could benefit from additional female representation
- Recruitment to the engineering program is a challenge

C. Actionable Insights

- Would like to hire an outreach person for the engineering programs
- Three students have matriculated into non-engineer programs (computer science and 2 architecture)
- Fund positions in grant projects

D. Program Action

- Retain program of study as is
- Expand program of study to another level, specialty, or delivery option
- Revise program of study to better meet the needs of students, current labor market or industry
- Consolidate program of study with another program
- Terminate program of study

E. Institutional Support Needed and/or Committed to Carry Out Action

Allocate a portion of the S&T Administrative Assistant time to assist Alexa with paperwork.

F. Follow Up

Follow Up Date: Academic Year 2026-2027

Next Full Review Year: Academic Year 2026-2027