



TEXAS A&M UNIVERSITY

Department of Computer  
Science & Engineering

# INDUSTRY CAPSTONE PROGRAM

## OVERVIEW

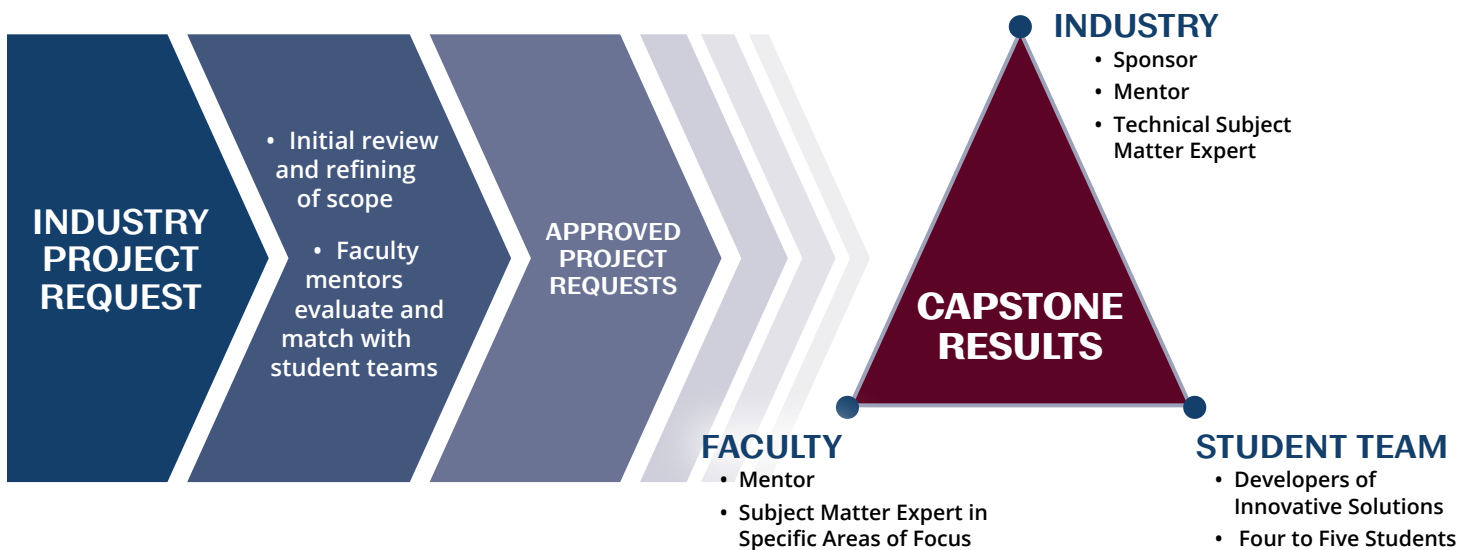
The Texas A&M University Department of Computer Science and Engineering's Industry Capstone Program provides an opportunity for a company to sponsor a project that involves students enrolled in a senior-level course developing a computing-based solution to a real-world, multidisciplinary engineering problem.

Companies will be able to mentor one or more teams of creative, talented seniors who will develop innovative solutions for approved project requests in areas such as data science, artificial intelligence, machine learning,

cybersecurity, e-commerce, human-computer interaction, graphics, computer architecture, robotics and more.

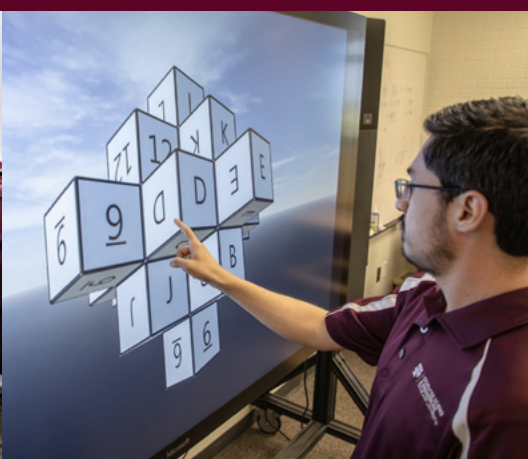
Through this program, a student's theoretical foundation will be integrated with skills needed in industry projects such as design, implementation, deployment, project management, teamwork, communication and documentation.

The student team is supervised by a faculty member and an industry mentor, as shown in the industry capstone framework below.



## BENEFITS

- Opportunity to assess student talent and recruit top graduates
- Establish relationships with faculty members, subject matter experts in forward-looking technology
- Build brand recognition
- Opportunity to give back to the students and the department



# TIMELINE



## INITIATION

- Rolling submission of a project request
- First week of March or October: Evaluation of project requests
- First week of April or November: Notification of acceptance

## INTRODUCTION

- June or December: Remittance of the company gift, procurement of materials
- First week of September or February: Project launch
  - » Industry and faculty mentors meet the student teams

## IMPLEMENTATION

- September to November or February to April:
  - » Students perform project work, meeting weekly with industry mentors

## TRANSITION

- November or April:
  - » Final presentation and live project demo
  - » Quality checks by the sponsor
- Second week of December or May: Transition of results to the sponsor

# GIFT OPTIONS

Your gift provides materials and funds support staff. Compare this to the cost of a 600-800-hour project. Below are gift options, per semester, per team:

- \$5,000
- \$4,000 for industry affiliates
  - » More information about this option is available on the [Industrial Affiliates Program webpage](#)

FOR MORE INFORMATION, PLEASE CONTACT:

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