

# INDUSTRY CAPSTONE PROGRAM

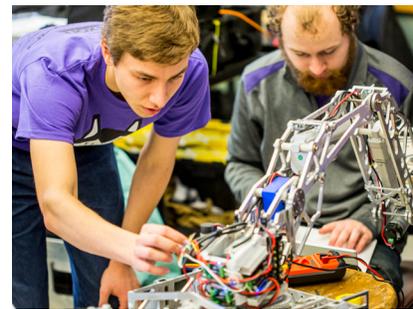
The Industry Capstone Program brings together UW students and companies to tackle real-world, multidisciplinary engineering problems. Sponsors bring in projects from their companies and provide support to teams of creative, talented engineering seniors who will design and build innovative solutions.

## HOW IT WORKS

- Companies propose a project for academic review by College of Engineering faculty
- Industry sponsors commit \$15,000 to cover project and program costs
- Teams of 4 – 6 students are matched to a project and faculty mentor
- Industry sponsors provide a technical mentor to meet with the team weekly for the duration of the project (January – June)
- With the help of their technical and faculty mentors, students embark on a full cycle design process, including:
  - *Problem definition*
  - *Benchmark studies*
  - *Concept generation and feasibility studies*
  - *Engineering design analysis*
  - *Prototype fabrication and testing when applicable*

## BENEFITS TO COMPANIES

- High-touch engagement opportunity to assess student talent and recruit for jobs
- Build brand recognition amongst next-generation engineers
- Low cost opportunity for a fresh look at a problem
- Strengthen ties to the UW College of Engineering
- Professional development opportunity for technical mentor
- Non-exclusive commercial license to any IP developed by student team or UW employee through project
- Provide UW engineering students valuable, career-relevant experiences by applying classroom skills to address real world problems



## Sample Timeline

**September 1** – Project proposals due

**Late October** – Project launch

**Early December** – Mentor/adviser orientation and team kickoff

**January – June** – Project work, weekly team meetings with mentors

**June** – Final capstone showcase



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