

INDUSTRY CAPSTONE PROGRAM



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

BENEFITS TO SPONSORS



MEANINGFUL ENGAGEMENT: Customized opportunity to assess student talent and recruit for jobs



CREATIVE PROBLEM-SOLVING: Low-cost opportunity for a fresh look at a problem



PROFESSIONAL DEVELOPMENT: Technical mentor can practice and apply leadership skills



BRAND RECOGNITION: Boost public awareness of your organization through student engagement



UW PARTNERSHIPS: Build impactful connections within the UW College of Engineering



COMMERCIAL LICENSES: Non-exclusive commercial license to any IP developed through project

HOW IT WORKS



INNOVATION: Potential sponsors propose a project for review by College of Engineering faculty



SPONSORSHIP: Organizations commit financially to cover project costs and program fee



TEAM MATCHING: Students are matched to an approved project and faculty mentor



MENTORSHIP: A technical mentor meets with the team weekly for project duration (January-June)



PROBLEM SOLVING: Student teams embark on a full-scale design process with help from technical and faculty mentors, including:

- Problem definition
- Benchmark studies
- Concept generation and feasibility studies
- Engineering design analysis
- Prototype fabrication and testing when applicable

SAMPLE TIMELINE

Early September - Project proposals due

Late October - Project proposal presentations

Early December - Mentor orientation and team kickoff

January - June - Projects in progress, weekly team meetings with mentors

June - Final capstone showcase

CONTACT



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