Support the Next Generation of Product Innovators

Your tax-deductible gift of $5,000 will help bridge the gap between the education gained by exceptional engineering students at UMass Amherst’s College of Engineering and the professional experience that can help them become exceptional engineers. Or, if your organization is not quite ready to sponsor a corporate project, a tax-deductible gift of any size can be made to support a student-initiated project. You’ll be invited to the final presentations, and your support will be publicly recognized.

“…This venue is ideal, providing practical and exciting real-world projects. We are very pleased with the students’ team spirit, professional approach, and inventive nature . . . and look forward to submitting their design to our customer.”

—Steve Nyquist
Director of Engineering and Technical Business Development
Altra Industrial Motion ECB Platform

To submit a proposal or for additional information on sponsorship, please contact:
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Mechanical and Industrial Engineering Senior Design Project:

**INDUSTRY SPONSORSHIP**

**THE PROGRAM:**

*Giving students a clear, hands-on understanding of real-world engineering problems and solutions.*

The Senior Design Project in the Department of Mechanical and Industrial Engineering at UMass Amherst gives students the opportunity to work on real-world industrial projects that involve design constraints, budgets, reviews, and deadlines. An industry-university partnership serves to integrate design, fabrication, and business economics into the engineering curriculum.

A culminating experience for capstone coursework, the Senior Design Project puts the entire education of our best and brightest to work:

- Each project team is composed of 4–5 seniors and is supervised by a faculty course coordinator.
- Teams are paired with a faculty member whose research and expertise can contribute to the project.
- Teams are dedicated to the project during the fall, spring, or both semesters (September–May).
- Work includes regular and ongoing communications with sponsors and a final project presentation.

Students learn to work in teams, meet deadlines, manage project resources, and provide fresh perspectives and meaningful solutions to real problems.

**THE SPONSORSHIP:**

*A unique opportunity for industry to partner with UMass Amherst in educating the next generation of world-class engineers.*

Corporations are invited to participate in the program through sponsorship of a Senior Design Project. Selected by companies based on their objectives, projects will ideally allow for a broad range of exploration on topics such as renewable energy, energy efficiency and storage, bioengineering, controls, mechanical design, manufacturing, materials, logistics, thermofluids, ergonomics and human factors, health systems and facilities, analytics, and systems and networks.

Companies are exposed to the creative thinking of the very best undergraduate engineers—and research-minded faculty—and a potential pool of future employees.

Sponsorship lets companies bridge the gap between academic and professional experience, with benefits such as:

- Access to fresh thinking for solving real industry problems
- Evaluation of the quality of undergraduate engineering students and their potential for employment
- Low-cost, low-risk investigation of ideas that have yet to become priorities
- Corporate exposure at UMass Amherst and in the regional engineering community
- Opportunities for networking with other industry managers and executives

Interested companies will submit a brief proposal describing the project's objectives and include a contact with whom the team will interact in person and/or via email over the course of the project development. Sponsorship will cover project materials, building and testing of prototypes, graduate assistants, and computer simulations.