

BUCKNELL INTERDISCIPLINARY SENIOR DESIGN

# PARTNER WITH US *for* INNOVATIVE SOLUTIONS



Interdisciplinary Senior Design is a course where Bucknell engineering seniors from multiple disciplines come together to solve a challenge presented by an external project partner. At the end of the academic year, the students will present a prototype solution and written report. Project partners typically provide funding to cover a portion of the course's expenses.

## Why Sponsor?

**Innovative Solutions** | Bucknell's College of Engineering is highly regarded and our students will provide innovative solutions to your challenges for a modest investment of the partner's time and resources.

**Recruitment** | Your next employee may be a Bucknell engineer!

**Save Time** | Bucknell engineers will be working on your challenges, allowing you to dedicate resources to other projects.

**Top Resources** | Bucknell's senior design team will be mentored by our world-class faculty and have access to state of the art equipment and facilities. Student teams will spend about 20 hours per week on your project.

## What Does Participation Involve?



Bucknell students are accepted into Interdisciplinary Senior Design after a robust application process. Student teams are carefully assembled to ensure a variety of expertise on each team.



Company mentor is available for at least one hour per week to provide guidance and insight to students, and to make sure they are accomplishing goals throughout the academic year.



Faculty advisor provides project guidance and directs students to the appropriate Bucknell resources.



Project sponsor provides an impactful project and \$25,000 support to help cover program costs.

---

## Project Sponsor Timeline

- + EARLY MAY > **Partner submits project description**
- + MID-JULY > **Project contract and non-disclosure agreement completed by partner and Bucknell**
- + MID-AUGUST > **Student-Project matching completed; Sponsorship dollars due**
- + EARLY SEPTEMBER > **Student site visit to partner and project kickoff**
- + MID-DECEMBER > **Student proof of concept presentation**
- + MARCH/APRIL > **Design update shared with partner**
- + LATE APRIL > **Partnership Design Expo**
- + MID-MAY > **Final report and prototypes delivered to project partner**

