

# Engineering Design Assistance Opportunity at Penn State for Fall 2019 Semester

written by Lauri Moon | August 5, 2019

The Learning Factory at Penn State provides undergraduate engineering students the opportunity to tackle real-world design problems utilizing classroom engineering design knowledge and tools. PennTAP provides Learning Factory engagement opportunities with businesses and organizations across the state of Pennsylvania. These projects, scoped and presented by sponsors, allow students to practically design or improve an idea that a business may not have the resources or manpower to tackle. Over the years, these engineering design capstone projects have provided proof-of-concept and prototype designs that have made a significant impact across the commonwealth.

Through the collaboration with the Learning Factory program, PennTAP can provide needed technical assistance to help move company ideas forward through design, proof-of-concept, and prototype assistance. There is a \$3500 donation needed to sponsor a team of 4-6 senior engineering students for a 15-week semester project (approximately 400-600 hours of student work.) Additionally, intellectual property protection and non-disclosure agreements can be procured if requested by the sponsor.

Through Learning Factory's support, PennTAP can provide clients an opportunity to engage with Penn State across most engineering disciplines including, but not limited to, computer science and engineering, biomedical, mechanical, electrical, material science, energy, chemical, and industrial engineering.

Project submission deadline is August 16th!

Contact PennTAP at 814-865-0427 or [penntap@psu.edu](mailto:penntap@psu.edu) to learn how your business can collaborate with the Learning Factory by sponsoring a team project.