

Become a SAINT:

Sponsor An Industrial Engineering Team



The University of Pittsburgh Department of Industrial Engineering is committed to providing students with opportunities for hands-on learning. The **SAINT** Program—Sponsor an Industrial Engineering Team—is a vehicle through which senior industrial engineering student teams experience hands-on learning while working to find solutions to the real-life engineering and business problems of their sponsor organizations. Past SAINT Program projects have been featured in local publications and have been presented at national engineering conferences.

HOW TO BECOME A SAINT

Step 1: Identify a problem within your organization for which an industrial engineering student team may help to find a solution. Ideal projects are those that utilize engineering skills, are integrative in nature, and are meaningful to both your organization and the student team.

Step 2: Contact us to discuss your needs: 412-624-9830 or ugradie@pitt.edu. We setup projects in July for the Fall and November for the Spring Semester.

UNIVERSITY OF PITTSBURGH
SWANSON school of engineering

industrial engineering

Step 3: Meet your new team members. Our faculty experts will assemble a team of three to four industrial engineering seniors who will help you complete your project during a 15-week semester term. Students will work along with your staff and a faculty member to assess and fill your company's needs.

BENEFITS TO SPONSORS

Previous SAINT projects have resulted in significant benefits for participating organizations. Sponsors report cost savings, enhanced productivity, improved inventory management, smoother operations, quality improvements, increased throughputs, and improved on-time delivery of products.

Additional benefits:

- Additional analysis capacity to complete a project that would otherwise not be completed. Each student is expected to work on the project 10 hours per week during the 15-week semester. That is over 500 hours per student team.
- Bring new skills and experiences. Half of Pitt IE students are engaged in cooperative education with companies across the nation where they spend multiple semesters gaining industry experience. They bring with them the skills and experiences of their co-op work experiences to your problems.
- Find new talent. The capstone project is an opportunity to work with students about to graduate. You will watch them work, apply their knowledge, and develop the skills needed in your industry.
- Develop a collaborative relationship with a highly regarded industrial engineering department. The Pitt Department of Industrial Engineering is one of the five oldest in the world and consistently ranks among the top public industrial engineering departments in the country. The students are backed by the knowledge, skills, and experience of the faculty. Our students are proficient in:
 - Process improvements
 - Lean production
 - Project management
 - Economic and cost analysis
 - Facility layout
 - Human factors analysis
 - Supply chain and logistics
 - Production planning
 - Manufacturing modernization
 - Service operations
 - Simulation modeling and analysis
 - Data analysis

DELIVERABLES

- A technical report that summarizes the project background, methodology, implementation, results, and recommendations
- A professional project presentation to the sponsor

PROGRAM FEES

Participants in the SAINT Program contribute between \$4,000 and \$6,000 per team to the Industrial Engineering Development Fund. Contributions are used to support the student team as well as student scholarships, etc.

RECENT SPONSORS OF INDUSTRIAL ENGINEERING TEAM PROJECTS

Past sponsors of projects include a range of southwest Pennsylvania based companies, from heavy to light manufacturing, healthcare to retail, and ranging in size from units of Fortune 500 companies to family owned businesses.

- All-Clad
- Allegheny Department of Human Services
- Anchor Distributors
- Cadence
- Children's Community Pediatrics
- FedEx Ground
- Grane Pharmacy
- IGS
- Little Earth
- MECCO
- NordLock
- Redhawk Coffee
- PPG
- Precision Kidd
- Prominent
- Siemens Electric
- Sodexo
- St. Clair Hospital

HOW TO CONTACT US:

If you would like to become a SAINT participant and invest in a project, please contact the Department of Industrial Engineering at 412-624-9830 or e-mail ugradie@pitt.edu for further details and information.



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