

“(My) internship helped me understand how to really understand a problem, develop a plan to collect data, decide what tools I knew that I could use to work the problem, and decide if my answer was actually reasonable.

I was totally responsible for the whole process of solving a problem, and it really taught me how to use my skill”.



- Elaine Smith

“One thing I can say about having an internship is that it gives you confidence in your abilities. Learning about concepts in class is one thing, but putting them into effect in a real manufacturing environment

is another. An internship is a great way to test you ability to take classroom concepts and use those ideas to enable you to fix, modify, or improve a process.”



- Vilas Brooks



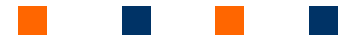
# STUDENT SUMMER INTERNSHIP PROGRAM

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**Industrial and Systems  
Engineering**

## PROGRAM SUMMARY

The Industrial and Systems Engineering Internship Program was established with the goal of providing valuable learning experiences to our students that is also advantageous to employers and organizations. When students work in positions within their field of study, the experiences can then be integrated into the classroom theory improving the understanding of the student and broadening the classroom experience.

The ISE Internship program serves as a clearinghouse to connect companies and community organizations with talented, energetic students. The students, then, will work directly for the organization. The wage rate is determined by the employer and depends on the caliber student you hire. Rates typically fall between \$7 and \$20/hour for 20-40 hour work weeks. Summer internships are aligned with the Auburn semester system, thus usually are scheduled between May 18<sup>th</sup> and August 7<sup>th</sup>.

## INTERNSHIPS CAN BE OFFERED IN THE FOLLOWING AREAS:

Lean Implementations  
Work Sampling (time and motion studies)  
Data Collection and Analysis  
Quality Control  
Six Sigma  
Experiment Design  
Layout  
Simulation  
Scheduling  
Inventory Management and Control  
Material Handling  
Operations Research  
Database Management  
Ergonomics, Safety and Human Factors  
Engineering Economy (cost/benefit analysis)  
Business and Program Management

## ...AND DIFFERENT SKILL LEVELS

Level 1 – Freshman/Sophomore – Has completed a small amount of IE fundamentals, and most if not all engineering fundamentals  
Level 2 – Sophomore/Junior – Has completed the majority of engineering fundamentals and possibly a moderate amount of IE core coursework or technical electives  
Level 3 – Junior/Senior - Has completed a majority of IE coursework and technical electives, and/or has previous applicable work experience

## Benefits TO STUDENTS:

- Allows students to “try out” different career paths without the commitment of full-time employment
- Acquire real-world experience in their major
- Provides an advantage in interviewing for employment after graduation
- Learn new skills in a professional environment
- Fosters increased initiative, responsibility and self-directedness

## BENEFITS TO EMPLOYERS:

- Gaining access to pre-screened workers proficient in the latest technologies.
- Establishing an effective recruiting tool for future full-time hiring.
- Establishing a strong network with Auburn Industrial and Systems Engineering students and faculty, and a great way to “give back” to the University.
- Brings fresh ideas and perspectives to your work site.
- Completion of a project or task that might not otherwise be accomplished because regular staff do not have time.
- Cost effective strategy to meet immediate and long-term staffing needs.

To submit an Internship position, please visit our website at: <http://www.auburn.edu>