# TU/e

Technische Universiteit
**Eindhoven**
University of Technology

# Bachelor's projects with TU/e students Industrial Engineering

Are you looking for ways to improve your business? Ever considered working together with bachelor's students Industrial Engineering of the Eindhoven University of Technology (TU/e) via internships?

### What does a bachelor's project offer your company?

Bachelor's projects are typically done by students just before finishing their three years bachelor's program. The project will incorporate a thorough analysis of the business processes within your company and will analyze underlying problems from different points of view, including work and organizational psychology, information systems, innovation, entrepreneurship, organizational science, economics, and/or planning and control of activities. Based on this, students come with potential solution directions.

Each student is supervised by a university staff member. Students generate reports and present their findings in your company.

### Which topics are possible?

Since industrial engineering covers a lot of different topics, many different assignments are possible. The main prerequisite is that an assignment is related to the field of industrial engineering and gives the student the possibility to prove his or her academic skills and knowledge.

**Where innovation starts**

## Heleen Bax, Student Industrial Engineering

It was a great experience to work on an actual problem at a company, instead of the fictive problems during my Bachelor. The model I have built is already in use and is being further developed for products with other characteristics. Knowing your result is actually used gives me the feeling I have made a real contribution to the company.

## Zoscha Droog, Student Industrial Engineering

During your Bachelor you gain a lot of theoretical knowledge you need for your final bachelor's project. But where my challenge lay was in the skills needed to turn these theories into practice. How can you steer the conversation to get the information you need? How do you deal with different opinions and conflicting information within a company? What do you do with information from practice that doesn't fit the theory? Through practice and trial-and-error I took a further step in my development.

### What do we expect from your company?

Each student is supervised by a university staff member and a company supervisor, where the company supervisor:

- is the contact person for the student within the company
- introduces the student into the company
- gives a thorough explanation of the project / research question
- takes care that the student has a place to work
- takes care that the student can access all data he/ she needs for the project
- has meetings with the student to discuss about the project and the progress he/she makes
- reads the reports of the student
- is present when the student presents her/his findings at the company
- gives his/her input to the university supervisor on the way the student did the internship. This concerns the way the student collaborated with the people in the organization, the way the student organized his/her work, his/her communication skills and the level of independency.

### Project duration

A student has 280 hours available for executing the project where the latter has a leadtime of about 11 weeks, meaning about 3 full days per week that a student can spend on the project. This time is spent in your company and/or at TU/e, depending on the type of project.

### Costs for company

Apart from the hours spent on supervising, no further costs are involved.

### More information?

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