Recruit Interns

Faculty of Aerospace Engineering

TU Delft

Are you looking for students to complete an internship at your company?

This flyer gives you detailed information about the Faculty of Aerospace Engineering, the programme and the procedures for internships.

Aerospace Engineering

The Faculty of Aerospace Engineering of Delft University of Technology (TU Delft) is one of Europe's largest educational institutes specializing in aerospace technology with a student body of over 2600. It is the leading European aerospace faculty in rankings. A long history of technical excellence, innovation, and teaching performance across a broad spectrum of space and aviation disciplines enables graduates to provide technically innovative and commercially viable solutions for this dynamic sector.

Aerospace Engineering graduates are also contributing significantly to research on and solutions for our changing environment. Educational and research programmes are internationally accredited and recognized. Graduates are employed across the Netherlands, Europe, USA, and Asia. There is close cooperation with industry and research institutes.

The Faculty is also a founding member of PEGASUS, the European network of aeronautics and astronautics universities and faculties.
The Faculty aims to train engineers to respond effectively to the vast range of engineering needs arising within the world of aerospace technology. Students are encouraged to be confident and resourceful in problem solving, and at the same time, to cooperate and communicate across cultural borders.

Master programmes

The Faculty of Aerospace Engineering offers the Master Aerospace Engineering programme with five disciplines:

- Aerodynamics & Wind Energy
- Control & Operations
- Space Flight
- Flight Performance & Propulsion
- Aerospace Structures & Materials

The internship in the Master programme

During the Master programme all students complete an internship at academic Master level of three to six months, in full-time consecutive weeks. The internship aims to provide students with skills that complement those taught at university. This internship allows the student to explore working in a company and to gain more knowledge in the aerospace field.

There are three goals of the Master internship:

Industrial orientation/societal context

- To increase the understanding of employment options after graduation,
- To get a better perception of tasks and responsibilities within a professional environment,
- To create an understanding of the context in which Aerospace Engineering is practiced by industry, institutes, and organisations.

Social-psychologic

- To learn a different way of behavior, suitable for a different social/work environment,
- To be able to communicate and cooperate with colleagues and non-colleagues,
- To obtain a better view of the position of a company compared to other companies (competition, achievements).

Intellectual skills

- To use the obtained knowledge and skills in an environment different from that of our own university,
- To obtain, rapidly and effectively, new skills that are necessary to successfully accomplish the project,
- To be competent in reasoning, reflecting, and forming a judgement.

Why should your company or institute hire an intern from the Faculty of Aerospace Engineering?

The list with arguments that can be produced based on this question is quite long. We will here give you a selection of the main arguments given by the different companies who have already had interns from the Faculty of Aerospace Engineering:

- "Students are up-to-date with theoretical and practical knowledge".
- "Students demonstrate a fresh and analytical view of the problems within a company/institute",
- "Students are trained in doing project-based work in multidisciplinary teams",
- "Possibility to recruit highly trained students in a flexible way, who will be able to solve problems which are taking too much of our own time",
- "An internship or a graduation project is an excellent way to recruit talented young employees".

How can you get in contact with your future intern?

The Internship Office can inform you about the different selection options you can take. You can choose to have students contact you directly about internship opportunities. Also you can choose to have the Internship Office do the first selection. It is the goal of the Internship Office to provide a customized solution for your company/institute's needs.
As a service, we can also publish the internship vacancy on our student intranet site. Please first check out the internship requirements on our website. Let us know how we can help you choose a suitable candidate for your organisation!

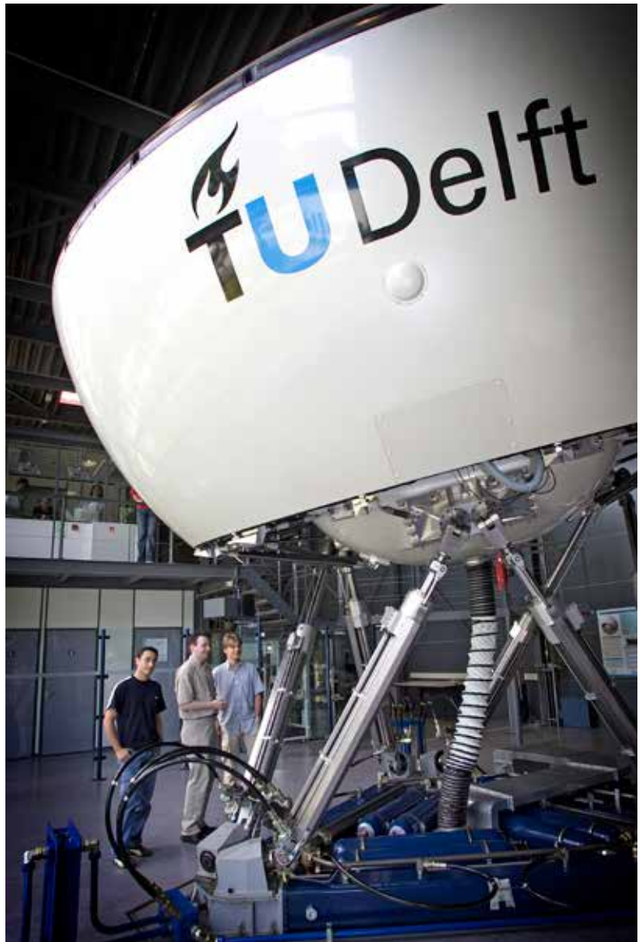
Students of the Faculty of Aerospace Engineering have visited over 976 companies/institutes around the world to do their internship

Below you can find a list of some companies/institutes that hire our interns on a regular basis:

- Airbus Defence & Space, the Netherlands
- BMW, Germany
- Colorado Center for Astrodynamics Research (CCAR), United States of America
- Embraer, Brazil
- ESA/ESTEC, the Netherlands
- German Aerospace Centre (DLR), Germany
- GKN Fokker, the Netherlands
- KLM Royal Dutch Airlines, the Netherlands
- Lockheed Martin Aeronautics Company, United States of America
- Netherlands Aerospace Centre (NLR), the Netherlands
- OHB System AG, Germany
- Qantas, Australia
- Renault Sport Racing, United Kingdom
- Rolls-Royce, United Kingdom
- TNO, Defence, Safety & Security, the Netherlands
- Toyota Motor Europe, Belgium

Contact information Internship Office

The Internship Office at the Faculty of Aerospace Engineering is the main point of contact for companies/institutes interested in hiring an intern. So if you are interested to have an intern from our Faculty, please contact the Internship Office via the channels on the back side of this flyer.



Testimonials

Rolls-Royce

"TU Delft Aerospace Engineering interns have earned an outstanding reputation in Rolls-Royce. Proactivity and in-depth knowledge of our products have helped them deliver excellent results for a challenging world of projects in cross-functional teams across the whole of our business. Recognising the success of these students within our company, we have been heavily recruiting from TU Delft for a number of years now and we will continue to do so for years to come. We are investing in talent by offering our best performing interns placements on our prestigious graduate programmes to help them build a breadth of skills and experience globally, accelerating their early careers and setting their path to leadership."

*By **Suki Findon**, European Resourcing Lead/ Campus Manager, GBS People Services*

Lockheed Martin Aeronautics Company

"We have had a superb experience with the students who have come through the programme. Every class has had a unique personality and all have been a true pleasure to have on de F-35 team. The students come to us very knowledgeable of the F-35 product areas they will be working on as well and are well educated about the military aerospace industry in general. More importantly, the students are tremendous ambassadors for the Netherlands and for Delft University. They are highly motivated, do an excellent job and are very well regarded by all of their work teams. One of my favorite comments I have heard is one of the supervisors described his intern as "scary smart" which means he is very impressed with the level of knowledge the students possess."

*By **Tom Burbage**, Former Executive Vice President & General Manager Lockheed Martin Aeronautics Company, F-35 Programme Integration, Fort Worth, Texas, USA*

On October 11th, 2018, the Faculty received the **Lockheed Martin Excellence Award** as first international university. It was awarded at a ceremony to celebrate the 100th intern from Delft University of Technology that had participated in the internship programme with Lockheed Martin Aeronautics Company.

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