



Vacancy MBO+ /HBO Mechanical Engineering Technician Robotica lab

Are you challenged by working in a start-up environment where industry and academia collaborate on industry4.0 technology for the aerospace industry? Large industrial robots, next generation AI, and high tech applications. SAM|XL (a TU Delft Fieldlab) has all the 'toys' and is looking to strengthen its Technical Team.

We are looking for a motivated technician to sink her or his teeth into:

- a - establishing our high-tech lab environment and our large-scale robotic infrastructure with focus on both functionality and machine safety.
- b - implementing robotic applications and end effectors (tools) with the in-house software engineering team, and using these applications with our industry partners for manufacture, assembly and inspection of high-tech components.
- c - to give instructions and training to our community members to make use of the infrastructure.

You will be surrounded by a team of aerospace engineers, software engineers, TU Delft technicians, students and industry experts to jointly take the advanced manufacturing sector to the next level.

Job Requirements

- Minimum a degree Intermediate technical college (MBO+/HBO), preferably in mechanical engineering, specialized in precision engineering (e.g. robotics, mechatronics engineering).
- Experience in a technical background in the field of mechanical, mechatronic or automation engineering with experience in installing machines, infrastructure and/or facilities.
- Experience with programming PLCs, robots, cobots is a pro, but an eagerness to learn in combination with on-the-job training is an acceptable alternative.
- Ability to work hands on in a driven team within a high tech environment.
- Technical drive: interested in robotics, pneumatics, mechanics.
- Excellent English and Dutch vocabulary (read/write/speak).
- Flexible: Able to work in a dynamic, creative and innovative environment.
- Driven to make an impact.
- Able to deliver high quality standards with respect for safety.
- Ability to work with CAD and MS Office (Word, Excel, PowerPoint).
- A higher professional education (HBO) or university (WO) degree is a plus.

This position has an amount of 38 working hours per week (1.0 fte). The offer contains a temporary contract with the prospect of extension. The salary is based on knowledge and relevant work-experience. TU Delft offers a customisable compensation package, a discount for health insurance and sport memberships, and a monthly work costs contribution. Flexible work schedules can be arranged. An International Children's Centre offers child care and an international primary school. Dual Career Services offers support to accompanying partners. Salary and benefits are in accordance with the Collective Labour Agreement for Dutch Universities.

Min. € 2.835,- Max. € 3.389,- gross per month based on a full-time basis.

SAM|XL is a recently founded collaborative research centre of the Delft University of Technology (DUT) and several Industrial partners in the province of South-Holland. As a 100% subsidiary of DUT, SAM|XL aims at enabling Aerospace manufacturing companies to make optimal use of smart advanced manufacturing.

World-class research from both the Faculty of Aerospace Engineering and the Cognitive Robotics department of the Faculty of Mechanical Engineering is combined with challenges from industry. In a dedicated factory space of 2000 m² SAM|XL is building a variety of large-scale, near production ready, automated manufacturing cells to conduct its development projects, in close collaboration with engineers from the partnering companies.

For information about this vacancy, you can contact Mr. Ing. Berthil Grashof, Coordinator Laboratory for Constructions and Materials, only by email B.A.Grashof@tudelft.nl.

For information about the selection procedure and for applications, please send an email to Mrs. Claudia Westhoff, Secretary, SAMXL@tudelft.nl