

"Opportunities through education" is the motto of the **Frankfurt University of Applied Sciences (Frankfurt UAS)**. Internationality, diversity and social responsibility are its values.

It sees itself as an institution of lifelong learning and as an innovative research and development partner for the region. Our more than 16,000 students and approximately 900 staff members - professors, researchers and administrators - shape our institution.

We are looking for persons with an above-average doctorate, who are enthusiastic about applying their extensive professional experience in teaching and research at our higher education institution. A practical approach, interdisciplinary training, international orientation and regional integration mark our profile. Excellent teaching and research quality is our aspiration.

**Teaching and research at a dynamic institution of higher education at the
Faculty 2: Computer Science and Engineering**

With Faculty 2, our largest faculty, we are the only university in the Frankfurt area to offer degree programs in the field of engineering. The department is divided into three multifaceted teaching tracks – electrical engineering, computer science and mechanical engineering – and is characterized by forward-looking, application-oriented and increasingly interdisciplinary teaching and research as well as a strong international network.

Around 6,000 students and more than 80 lecturers belong to the department.

**Our Faculty 2: Computer Science and Engineering
is looking for**

**a Professor
(Salary grade W2 Hessian Salary Law (HBesG))**

for the following field:

Machine Tools

reference number: P08/2022

beginning summer semester 2023

For this position, we are looking for somebody specialized in the field of **machining machine tools** and **referred production measuring technologies** after having completed university studies in mechanical engineering and a doctorate/PhD in this field as well as many years of industrial work in responsible positions in at least these two areas of expertise.

Due to the ongoing development of digitalization and networking, we expect you to be able to represent current concepts in the conceptual and mechanical design and operation of metal-cutting machine tools as well as machine tool-specific measuring technologies and image acquisition in a professional manner and to convey these didactically. Furthermore, you will be responsible in leading and equipping the laboratory with machine tools. Your motivation for acquisition and operation of third-party funded research projects as well as cooperation with industrial companies should be recognizable.

In order to accomplish these tasks, the following fields of expertise are required:

- ⚙ Conception, interpretation and construction of machine tools as well as their assemblies and the infrastructure of resources thereof
 - ⚙ Technology of metal-cutting manufacturing processes
- ⚙ Machine-integrated metrology data and registration of images and their integration in digital process chains
 - ⚙ Formation of digital process chains (CAX), especially CAD/CAM and CNC
 - ⚙ Methods and strategies of programming machine tools

We require willingness to teach online and face-to-face in your subjects as well as in basic subjects in the relevant study programs in both German and English at the university. Moreover, we expect your readiness to participate in tasks of academic self-government and in organizing teaching and studying and in further development of study programs.

In addition, you should possess German language skills at level C1/C2.

For more information, please get in touch with Professor Dr.-Ing. Damian Großkreutz (grosskreutz@fb2.fra-uas.de).

We expect from our professors:

- High presence at the university and intensive supervision of our students; participation in basic training i.e. the representation of the relevant field in an introductory form in all degree courses of the faculty;
- qualification and attitude to research as well as successful acquisition of third-party funding; gender and diversity competence; participation in international activities of the institution, including teaching in the English and German language;
- participation in the interdisciplinary Studium Generale; contributions to offers in continuing education, life-long learning and eLearning;
- taking on responsibility in the frame of academic self-administration;
- continuing education in the technical discipline and higher education didactics;
- willingness to cooperate cross-regionally with other institutions of higher education in the region;
- dedication and initiative in the frame of a service-oriented salary.

The hiring conditions are in accordance with §§ 67 and 68 of the Hessian Higher Education Act.

This is a permanent contract. The first appointment as a professor is

**either as a public-service employee on probation
or with an unlimited employment contract with a 3-year long probation period.**

Further official duties and requirements are listed under §§ 67-69, 75 und 76 of the Hessian Higher Education Act and can be viewed under www.hmwk.hessen.de.

The Frankfurt University of Applied Sciences encourages applications from women in order to elevate the employment share. Persons with disabilities is given preference in the frame of currently valid regulations.

Applications with supporting documents (incl. publication list, projects, depiction of teaching and research activities) are requested via mail **until June 07, 2022** with reference to the position number to be sent to: personal-prof-beamt@hr.fra-uas.de

**The President of the
Frankfurt University of Applied Sciences,
Human Resources,**

Nibelungenplatz 1, 60318 Frankfurt.
www.frankfurt-university.de