



HAMM-LIPPSTADT
UNIVERSITY OF APPLIED SCIENCES



THE BUSINESS OF GERMAN ENGINEERING:

Summer School 2024 at Hamm-Lippstadt
University of Applied Sciences



summerschool.hshl.de

For more information and application please visit our website.

WHY GERMAN ENGINEERING?

What do cars, x-rays, and MP3s have in common? They were **all first engineered in Germany!** Today, Germany is one of the leading export countries of machinery and technology. This elite status is primarily owed to the **German phenomenon “Der Mittelstand”**. It is the small and medium-sized companies that build Germany’s backbone as a global exporter of machinery and technology. Making up almost 99% of all companies in Germany, each of them has chosen to excel in specialized technologies that together comprise the highly advanced products we use every day.

This summer, we at Hamm-Lippstadt University of Applied Sciences present to you

The Business of German Engineering

Engineering & Sciences

A selection of **engineering and science lectures** taught by the university’s faculty members

Topics delivered with a **high practical orientation** and a focus on relevant market aspects

Business

Daily visits to successful small and medium-sized companies

A closer look into the manufacture and distribution of the presented technologies

Facilitation of **networking opportunities** with the companies’ professionals

Culture & Society

A series of events and seminars, conveying the **cultural and intellectual aspects** of the German engineering business

Planned **excursions**, get-togethers, and leisure activities



PROGRAM & BENEFITS



Unique Benefits of the Summer School

1. **Discovering highly specialized engineering innovations and how they fit in the value chain of many end products.** Our professors, each an expert in their respective field, will analyze with you some of the latest technological developments and how they compete in markets.
2. **First-hand encounter with successful small to medium-sized companies that bring the tailored technologies to the market.** Through daily visits, you get to witness the companies' crucial processes and measures that make them excel in their niche of specialized technologies.
3. **North Rhine-Westphalia as a fertile region for entrepreneurship.** With the biggest share of family-owned enterprises and start-ups in Germany, North Rhine-Westphalia is where experience and creativity meet to produce sustainable economic growth.

Preliminary Syllabus & Teaching Staff

Lecturer

Dr. Justin Sebastian Lange
Professor of Biomechanics and Ergonomics

Dr.-Ing. Olaf Goebel
Professor for Energy Technology

Dr.-Ing. Aleksandra-Saša Bukvić-Schäfer
Professor for Electronic Engineering

Dr. Uwe Kleinkes
Professor of Technology Marketing

Dr.-Ing. Stefanie Sielemann
Professor for Sensor Technology

Dr.-Ing. Jürgen Trzewik
Professor for Medical Engineering

Dr.-Ing. Peter Kersten
Professor for Mechatronics

Dr.-Ing. Jens Spirgatis
Professor for Mechanical and Plastics Engineering

Topic

Customization of orthoses: New possibilities for business models through modern technology

2G: Hydrogen powered engines for combined heat and power made in Germany

Energy storage – a pillar for the integration of renewables

Grow, co-operate or fail: Current status and future perspectives of German SME

Process and Quality Control by Analytic Instruments in Germany

Biomedical Technology made in Germany

Technology and Trends in Automotive Electronics

Development and Applications of Polymer Additive Manufacturing

Company visit

[Care Center Deutschland GmbH](#)

[2G Energy AG](#)

[SMA Solar Technology AG](#)

[ELMOS Semiconductor AG](#)

[G.A.S. GmbH](#)

[Schmitz & Söhne GmbH Co. KG](#)

[Behr-Hella Thermocontrol GmbH](#)

[SolidLine GmbH](#)

Culture & Society

Additional seminars are scheduled in both weeks to focus on various aspects of German and European businesses and culture. The discussions will tackle topics of broad national and international interest, where the German example may serve as a basis for discussion. Finally, international evenings, social events, and field trips into North Rhein-Westphalia's industrial heart complete the **extra-curricular activities** provided by the Summer School.

ABOUT OUR SUMMER SCHOOL

Dates

Program Duration: **July 7th - 20th, 2024**

Registration period: **March 1st - May 1st, 2024**

Program Language

All courses and events are held **in English**.

Admission Requirements

The Summer School is welcoming everyone who is enrolled at a university at the time of the program (July 7th - 20th, 2024) and is interested in the fields of business and engineering. For a successful application, students need to submit **proof of knowledge of the English language at B2 level**. The **deadline for admission is May 1st, 2024**. Applicants will be notified of their eligibility within May 2024.

Tuition Fees & Scholarships

The **total fee for the Summer School is 1'500€**, which covers all lectures, company visits, accommodation, socio-cultural activities and transportation within the program.

The university offers a **limited number of scholarships**. Students can either apply for a **full scholarship (1'500€)** or for a **partial scholarship that covers 50%** of the total costs (750€). Selected partner universities are entitled to send a limited number of their students with scholarships to the Summer School.

Partner universities are listed on the following website: www.hshl.de/en/international-office/

Application & Contact Information

For further questions or to register, please fill out the registration form and send it via e-mail to summerschool@hshl.de.

Partner universities and their students can also contact the International Office of Hamm-Lippstadt University via internationaloffice@hshl.de.



Further information

For a more detailed description of The Business of German Engineering: Summer School at Hamm-Lippstadt University of Applied Sciences, kindly visit our website.

See you soon!

summerschool.hshl.de

