



HAMM-LIPPSTADT
UNIVERSITY OF APPLIED SCIENCES



THE BUSINESS OF GERMAN ENGINEERING:

Summer School at Hamm-Lippstadt
University of Applied Sciences

summerschool.hshl.de

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

ABOUT OUR SUMMER SCHOOL

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





ABOUT OUR SUMMER SCHOOL

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 Rhine-Westphalia's industrial heart complete the extra-curricular activities provided by the Summer School.

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/

Dates

Program Duration: **03.07.2022-16.07.2022**

Final registration date: **01.05.2022**

Program Language

All courses and events are held in English.

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.

ABOUT OUR SUMMER SCHOOL

Admission Requirements & Application

The Summer School is welcoming everyone who is enrolled at a university at the time of the program (03.07.2022-16.07.2022) 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, 2022. Applicants will be notified of their eligibility within May 2022.

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

Syllabus & Teaching Staff

Lecturer

Dr. Justin Sebastian Lange
Professor of Biomechanics and Ergonomics

Dr. Holger Krakowski-Roosen
Professor for Applied Sport Sciences

Dr.-Ing. Olaf Goebel
Professor for Energy Technology

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

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

Dr.-Ing. Stefanie Sielemann
Professor for Sensor Technology

Dr.-Ing. Jürgen Trzewik
Professor for Medical Engineering

Dr.-Ing. Peter Kersten
Professor for Mechatronics

Topic

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

Start-ups in Sport Technology

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

Energy storage – a pillar for the integration of renewables

Development and Applications of Polymer Additive Manufacturing

Process and Quality Control by Analytic Instruments in Germany

Biomedical Technology made in Germany

Technology and Trends in Automotive Electronics

Company visit

Information will follow

Kidletics GmbH

2G Energy AG

SMA Solar Technology AG

Information will follow

Information will follow

Information will follow

Behr-Hella Thermocontrol GmbH



Further information

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See you soon!

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