

HAWtech German Alliance for Applied Sciences

On 11.12.2009 six leading universities of applied sciences in the field of engineering sciences founded the national "German Alliance for Applied Sciences" (HAWtech).

The Alliance member universities intend to further extend their existing strengths, create and make use of synergies, and open up new areas as well as to achieve a national and international profile. Making this possible will involve close co-operation which transcends national borders in the areas of teaching and training, research, technology transfer, advanced training and education and university management, shared public relations work and national as well as international positioning. They share a focus on technical subjects, a strong practical orientation and an excellent reputation. The student population of all the Alliance universities together amounts to about 47.000 students.

The Alliance member universities are:

- Aachen University of Applied Sciences
- Berlin University of Applied Sciences
- Darmstadt University of Applied Sciences
- Dresden University of Applied Sciences
- Esslingen University of Applied Sciences
- Karlsruhe University of Applied Sciences

The Summer School 2016 is funded through the DAAD German Academic Exchange Service under the auspices of the Ministry of Foreign Affairs.

DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Federal Foreign Office

Application & further information

Time schedule:

- Karlsruhe: 16th July - 22nd July 2016
- Dresden: 23rd July - 27th July 2016
- Berlin: 28th July - 30th July 2016

4 ECTS credit points will be awarded.

Costs:

- Incl. tuition fee, accommodation and transfer (Karlsruhe → Dresden → Berlin)
- Approx. 800 €

Application & Further Information:

- www.hs-karlsruhe.de/hawtech-english
- www.hs-karlsruhe.de/hawtech_application
- www.htw-dresden.de/index/forschung/hawtech-summer-school

Please send your application to automotive@hs-karlsruhe.de

Application deadline: **02. April 2016**

Contact:

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Hochschule Karlsruhe
Technik und Wirtschaft
UNIVERSITY OF APPLIED SCIENCES

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Hochschule für Technik
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HOCHSCHULE FÜR
TECHNIK UND WIRTSCHAFT
DRESDEN
UNIVERSITY OF APPLIED SCIENCES

HAWtech

German Alliance for
Applied Sciences

HAWtech

Summer School 2016

Automotive Engineering

16th July - 30th July 2016

An outstanding opportunity
for Bachelor students to get to know the
automotive engineering capabilities
in Germany and to gain
additional ECTS credit points



Sat 16th - Fri 22nd July 2016
Karlsruhe



Located in the German south-west, in the Rhine valley near the border with France, Karlsruhe is the center of one of the country's premier technology regions. Nine institutions of higher education with a combined student population of over 42,000 make Karlsruhe a genuine student place, with the majority of students enrolled in engineering and IT disciplines. An interesting engineering programme is offered in the Summer School in Karlsruhe.

The programme* is planned to be:

- Power supply diagnostics
- Hands-on laboratory: CAN-bus
- CarMaker Workshop
- Job Interview training
- Porsche- or Daimler-Museum Stuttgart

Leisure programme* is planned.

Sat 23rd - Wed 27th July 2016
Dresden



Dresden is the capital of the federal state of Saxony and also known as "Silicon Saxony" with companies such as Infineon and GLOBALFOUNDRIES. The centre of the city is said to be the "Florence on the river Elbe"; it has a long history as the capital and royal residence for the Kings of Saxony. Different production techniques and research on traffic accidents are important topics of the Summer School in Dresden:

The programme* in Dresden is planned to be:

- Introduction to Matlab/Simulink and Code Generation
- Development of Driver Assistance Systems using Simulink
- Visiting accident research institute and fsd technology center (periodical technical inspection)
- Sightseeing

Leisure programme* is planned.

Thu 28th July - Sat 30th July 2016
Berlin



Berlin is the capital of Germany and one of the most exciting cities in Europe. We will visit the most well-known of Berlin's many attractions. AEG, SIEMENS and other companies began their activities as pioneers of industrialisation more than 100 years ago.

Innovative hybrid electric and mechatronic systems are the main subjects of the Summer School in Berlin.

The programme* in Berlin is planned to be:

- Theory of Hybrid Electric Vehicle Concepts
- Hybrid Operating Strategy with Practical Exercise
- Micro Hybrid Systems with Practical Exercise

Leisure programme* is planned.

* some programme details may be changed