

HAWtech German Alliance of Applied Sciences

On 11.12.2009 six leading universities of applied sciences in the field of engineering sciences founded the national "German Alliance of 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



Application & further information

Time schedule:

- Karlsruhe: 19th July - 25th July 2014
- Dresden: 26th July - 30th July 2014
- Berlin: 31st July - 2nd August 2014

4 ECTS credit points will be awarded.

Costs:

- Incl. tuition fee, accommodation and transfer (Karlsruhe → Dresden → Berlin)
- Approximately 700€

Application & Further Information:

- www.hs-karlsruhe.de/fk-mmt/hawtech
- www.hs-karlsruhe.de/fkmmmt/hawtech/application
- www.htw-dresden.de/index/forschung/hawtech-summer-school

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Hochschule Karlsruhe
Technik und Wirtschaft
UNIVERSITY OF APPLIED SCIENCES

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Hochschule für Technik
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University of Applied Sciences

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HOCHSCHULE FÜR
TECHNIK UND WIRTSCHAFT
DRESDEN
UNIVERSITY OF APPLIED SCIENCES

HAWtech

German Alliance for
Applied Sciences

PRELIMINARY

HAWtech

Summer School 2014

Automotive Engineering

19th July - 2nd August 2014

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



Saturday 19th - 25th July 2014 Karlsruhe



Karlsruhe was founded in 1715 as Karlsruhe Palace in the south west of Germany close to the black forest; it considers itself the home of justice in Germany. The town surrounding the Palace became the seat of two of the highest courts in Germany, the Federal Constitutional Court (Bundesverfassungsgericht) and the Federal Court of Justice of Germany (Bundesgerichtshof). 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

Leisure programme* is planned.

Saturday 26th - 30th July 2014 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:

- Lecture ADAS
- Accident Research with practical exercise
- Volkswagen AG: “Transparent factory”
- Analysis of accident data

Leisure programme* is planned.

Thursday 31st July - 2nd August 2014 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:

- Principles of Hybrid Drivetrains
- Components of Hybrid Drivetrains
- Virtual Calibration Task
- Case Studies

Leisure programme* is planned.

* some programme details may be changed