Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Language course/short course

Innovative Technologies in Automotive Engineering | Summer School

RWTH Aachen University • Aachen







Overview

Course location	Aachen
In cooperation with	DAF Trucks N.V.
Teaching language	• English
Language level of course	• English: B2
Date(s)	• 23 June - 13 July 2024 (Registration deadline of course provider: 1 April 2024)
Information on dates, prices and mode of study	**FRIENDS & PEERS DISCOUNT: Save 500€!** Bring a friend, and you will both receive 15% off of the regular programme fee. **EARLY BIRD DEADLINE: Save 335€!** 1 MARCH 2024 **APPLICATION DEADLINE: 1 APRIL 2024**
Target group	**Become part of our international student community if you are:** • at least 18 years old • in a Bachelor's or Master's degree programme, in between these programmes, or recently graduated • proficient in the English language **It is an advantage if you are in a degree programme related to our programme.** Basic knowledge in the following areas is desirable: Mathematics, Mechanics, Physics, Fluids, Energy Conversion Machines, Thermodynamics, or Automotive Engineering. If you want to learn more about all relevant processes and check our scholarship opportunities, make sure to read through our formalities page.
Description/content	**Academic Content** This Summer School programme is all about modern automotive technologies. It covers the

fundamentals of automotive engineering and mobile propulsion, and it explores modern automotive technologies, such as electrified and hydrogen-powered vehicle propulsion systems and automated driving. The topic of automated driving features a case study, and different types of power engines can be experienced. You will even get to meet a student formula team that will present their work on self-built race cars to you.

For further information about this programme, **click here**.

Visit our **website** for more courses!

After your arrival on Sunday, we will gather for a welcome orientation. In the following weeks, there will be a lot of social events to support the instruction and the course-related activities. At these events, you can get to know the other participants, our beautiful city of Aachen, and the places in the surrounding area. Then during the last days of your stay, you will take a final exam to earn your certificate.

At the weekends and after the farewell event, you can take advantage of the short travel distances and discover more of Germany and Europe on your own or with your new friends!

Check out our **programme package** and **learning environment** on our website!

Course details

Recognised language exams offered (e.g. DSH, TestDaF, TOEFL)	No
ECTS points (max.)	4
Average number of hours per week	30
Average number of participants per group/course	25

Costs / Funding

Dates and costs	• 23 June - 13 July 2024 (Registration deadline of course provider: 1 April 2024), **costs: EUR 3,350**
This price includes	• Course fees • Accompanying programme • Accommodation
Information on dates, prices and mode of study	**FRIENDS & PEERS DISCOUNT: Save 500€!** Bring a friend, and you will both receive 15% off of the regular programme fee. **EARLY BIRD DEADLINE: Save 335€!** 1 MARCH 2024 **APPLICATION DEADLINE: 1 APRIL 2024**

Requirements / Registration

Teaching language	• English
Language level of course	• English: B2
Language requirements	We don’t require an English language proficiency test.
Submit application to	Apply for this summer school programme via our **online application** form. For detailed information, please visit the **programme website**. The Short Courses Team wishes you good luck!

Services

Is accommodation organised?	Accommodation is arranged by the organiser.
Type of accommodation	For the duration of the summer school, you will be staying at a student accommodation on campus. Housing is included in the programme fees. All accommodations are located close to the city centre and allow an easy and convenient transportation within Aachen as well as to neighbouring cities. Since all participants of each individual programme will be staying at the same accommodation, you will get to know your classmates better by living in an environment that is similar to the dorms offered by the university. More information can be found **here**.
Meals	Breakfast and lunch as well as snacks during selected events are included in the programme fees. For more details, please read the information below. **Breakfast** From Monday to Friday, breakfast is included in the programme fees. **Lunch** We will provide lunch from Monday to Friday at the RWTH student restaurant. A student restaurant card will be provided on your first day. **Dinner and meals at the weekends** Participants have to provide their own meals at the weekends and in the evenings on weekdays. A personal budget for individual needs is advised.
Is a social and leisure programme offered?	Yes
Description of social and leisure programme	**Supporting Programme – How we make our courses special** Through the right balance of academic and social programmes, you will spend an unforgettable time with other students from all over the world.

Academic Programme – Insights into German industry
Get the opportunity to build a network and make a sustainable investment in your future.

- Institute, lab & company visits
- Expert talks with professors & industry partners
- Networking with German companies

Social Programme – Cultural and fun activities
We organise a wide range of social events to help you experience German culture and student life at RWTH Aachen University.

- Ice breakers & intercultural training
- Sports day & karaoke night
- Barbecue or dinner night
- Get-togethers with local mentors
- Welcome & farewell events

Travelling in Germany & Europe
Aachen is centrally located in Germany and a few kilometres away from the borders of Belgium and the Netherlands. Some trips are included:

- City rally in Aachen
- Hiking tour to the border tripoint
- City excursions: Maastricht, Cologne, Bonn

Check out our **supporting programme**!

Free internet access	Yes
Support in visa matters	No
Pick-up service from train station/airport	No



©RWTH International Academy

Fahmy Husin Bagis
Summer School

It was such a pleasure to experience this summer school programme at RWTH Aachen University, especially looking at Germany’s state-of-the-art technological development. I have also learned a lot regarding the culture of the city and the diversity of the student body, and I won't forget the lovely "Printen"!
I am looking forward to visiting Aachen again in the near future!

Our Partners

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Summer Schools in Germany

Summer Schools in Germany at RWTH International Academy
Experience international academic content, boost your career and have fun at the same time!

» more:
https://www.youtube.com/watch?v=AW2iJr0Mk2E

RWTH Aachen University



RWTH Aachen University

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With 260 institutes, nine faculties and three Clusters of Excellence, RWTH Aachen University is one of Europe's leading institutions for science and research. Currently, more than 47,000 students are enrolled in 173 courses of study. Of these students, more than 14,000 are international students. RWTH Aachen is well-known for its state-of-the-art education that tackles some of the world’s most pressing global challenges. Our graduates are highly sought after by businesses and industry as trainees and for executive positions.

As the official academy for education of RWTH Aachen University, RWTH International Academy is tasked with promoting and developing the integration of professional and academic education. Our goal is to make knowledge accessible to international participants through application-oriented educational formats and programmes, thus making a lasting contribution to lifelong learning.

More about RWTH International Academy

Excellent Learning Environment at RWTH Aachen University

We offer a variety of lectures, tutorials, case studies, and a range of other learning activities in which students will be active participants in the discovery and application of knowledge. The participants of our courses come from over 55 different countries – this allows us to create an enriching global classroom environment for everyone.

Advantages of RWTH Aachen University:

- Seminar rooms with modern equipment
- Daily contact with our team allowing for direct support
- Case studies and guest speakers
- Highly professional and motivating atmosphere

University location

The student city of Aachen is a vibrant and historic place located at the border tripoint of Germany, Belgium, and the Netherlands. Aachen was a favoured residence of Charlemagne. After the departure of the Romans from this region, Charlemagne finally managed to forge the lion's share of Europe into something that resembled an administrative unity, with Aachen as the beating heart of the empire. The "Rathaus" (city hall) and "Dom" (cathedral) bear witness to this earliest Carolingian building history. During your time in Aachen, you have the opportunity to discover the city, its history, and its most important sights. Moreover, you will experience student life at one of Europe's leading technical universities and become part of the international student community. There is no better place to encounter European culture while challenging yourself in our programmes.

Contact

RWTH Aachen University
International Academy

Campus-Boulevard 30
52074 Aachen

ShortCourses@academy.rwth-aachen.de
Course website: https://bit.ly/42uYJok

https://www.facebook.com/rwthshortcourses

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https://www.youtube.com/shorts/DLCaa7Acbug

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International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor
DAAD - Deutscher Akademischer Austauschdienst e.V.
German Academic Exchange Service
Section K23 – Information on Studying in Germany
Kennedyallee 50
D-53175 Bonn
www.daad.de

GATE-Germany
Consortium for International Higher Education Marketing
www.gate-germany.de

Disclaimer
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