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Language course/short course

Production Technology Meets Industry 4.0
Summer School
RWTH Aachen University • Aachen

Overview

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<tr>
<th>Course location</th>
<th>Aachen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching language</td>
<td>English</td>
</tr>
<tr>
<td>Language level of course</td>
<td>English: B2</td>
</tr>
<tr>
<td>Date(s)</td>
<td>August 03 - August 21, 2020 (Registration deadline of course provider: May 01, 2020)</td>
</tr>
<tr>
<td>Target group</td>
<td>You are a BSc/BE student enrolled at a renowned university, have profound knowledge of the English language and are studying mechanical engineering or a related field. The minimum age to participate is 18. Students should have completed the first year of their studies.</td>
</tr>
<tr>
<td>Description/content</td>
<td>For further information about this programme click here: <a href="http://bit.ly/2EbHBh8">http://bit.ly/2EbHBh8</a></td>
</tr>
<tr>
<td>Academic Content</td>
<td>The Summer School provides students with an introduction to new production technologies in connection with Industry 4.0. Industry 4.0 is an initiative by the German government that promotes the integration of industrial production with information and communication technologies. The lectures are conducted by the Cluster of Excellence &quot;Internet of Production&quot; and numerous institutes of RWTH Aachen University, making this our most diverse Summer School. Internet of Production refers to the secure and real-time availability of data anytime, anywhere, making it a core feature of Industry 4.0. Students will explore fundamental areas of Industry 4.0 and acquire a better understanding of current and future requirements in production technology. Subjects include but are not limited to the following topics: modern and smart factories, digital supply chains, robotics, networked production systems, and human-machine interaction. Throughout the programme, students will study the generation of applied and innovative solutions in production technology.</td>
</tr>
<tr>
<td>Academic Staff</td>
<td>The lectures and exercises of the Summer School are conducted by the Cluster of Excellence “Internet of Production” and numerous institutes of RWTH Aachen University. Supporting institutes include the WZL, Cybernetics Lab, IBF, IKV, DAP/Fraunhofer ILT, IGMR, IAW, IEHK, and ITA, making this our most interdisciplinary and diverse Summer School.</td>
</tr>
</tbody>
</table>
Average number of hours per week | 30
Average number of participants per group/course | 25

**Costs / Funding**

**Dates and costs**
- August 03 - August 21, 2020 (Registration deadline of course provider: May 01, 2020), costs: EUR 2,990

**This price includes**
- Course fees
- Accommodation
- Accompanying programme

**Further information on dates and prices**
The course fees amount to 2,990 EUR for the three-week summer school programme.

**All-inclusive package:**
- Lectures
- Accommodation
- Excursions and social events
- Catering
- Public transportation ticket

Early Bird Discount: complete your application by 1 March to get a 10% discount on the total fees - in case of admission!

**Requirements / Registration**

**Teaching language**
- English

**Language level of course**
- English: B2

**Language requirements**
An English language proficiency test is recommended.

Since the programme is taught in English, you need to have sufficient academic English language skills to be able to follow the course.

**Submit application to**
Applications for the Summer School programmes are possible via our online application form on our website.
## Services

<table>
<thead>
<tr>
<th>Is accommodation organised?</th>
<th>Accommodation is arranged by the organiser.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of accommodation</td>
<td>Participants will stay at one of Aachen's hostels, where breakfast will be provided. The rooms accommodate two to four people. The accommodation is centrally located in the heart of the city and is well served by the city's public transport system. Students will receive a public transport ticket for the duration of the Summer School for convenient travel within the Aachen city region.</td>
</tr>
<tr>
<td>Meals</td>
<td>Breakfast and lunch on workdays are included.</td>
</tr>
<tr>
<td>Is a social and leisure programme offered?</td>
<td>Yes</td>
</tr>
</tbody>
</table>
| Description of social and leisure programme | Social Events - Have Fun While Studying! While following an intensive academic programme, participants will experience German culture first hand through an extensive leisure programme, e.g.:  
  - Intercultural training  
  - Visits to important sights in and around Aachen  
  - Excursions to nearby cities such as Maastricht or Cologne  
  - Sporting events  
  - Barbecues, karaoke and other get-togethers  
  ... and a lot more - enjoy your stay! |
| Free internet access       | Yes |
| Support in visa matters    | Yes |
| Pick-up service from train station/airport | Yes |
Our Partners

RWTH Aachen University

With 260 institutes in nine faculties, RWTH Aachen University is one of Europe’s leading institutions for science and research. Currently, around 45,000 students are enrolled in over 100 academic programmes. More than 10,000 of them are international students. The scientific education students receive at RWTH Aachen University is firmly rooted in real-world applications. Our graduates are highly sought after by businesses as trainees and for executive positions.
University location

Aachen, Germany’s westernmost city, is located on the borders with Belgium and the Netherlands. Its population is about 240,000.
Aachen’s historic centre around the distinctive cathedral (UNESCO world heritage site) is characterised by a student lifestyle. On the city’s doorsteps, the hilly Eifel landscape with its rivers, lakes and forests offers a picturesque countryside for outdoor recreation.
Aachen benefits greatly from its central location: in the heart of Europe!

Contact

RWTH Aachen University
RWTH International Academy

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52074 Aachen

Email SummerSchool@academy.rwth-aachen.de
Course website: http://bit.ly/2EbHBh8
Summer School Team

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https://www.facebook.com/RWTHSummerSchool/
https://twitter.com/RWTH_Academy?lang=en
https://www.instagram.com/rwthsummerschool/

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

Disclaimer
The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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