RWTH Engineering Summer School Programs

Broaden your engineering horizon – Get in touch with German engineering
Agenda

1. Introduction
2. RWTH Aachen University
3. Engineering Summer School Programs
4. Admission Process
5. Why choose Aachen?
6. Time for Questions
2. Welcome to RWTH Aachen University

45,377

14,674 \{32\% \text{ Female Students}\}

30,703 \{68\% \text{ Male Students}\}

Source: central website of RWTH Aachen University (2018)
2. RWTH Aachen University

RWTH Aachen University, one of the world’s top-ranking technical universities, is characterized by its strength in science and engineering education.

RWTH Aachen University is

✓ one of the most prestigious German university in engineering
✓ a member of TU9 - nine leading German Institutes of Technology
✓ one of the 5 leading European universities of technology (IDEA League)

Cooperation with international top-level universities provides mutual benefits between teaching and research.
3. Engineering Summer School Programs

I. Excellent Science and Research in Engineering

II. German Language and Culture

III. Social Events – Have fun while studying!

Program Pillars
3. General Information – Duration and Fees

2, 3, or 4 week programs for undergraduate students, who completed their first academic year

1,990 / 2,990 / 3,750 EUR

The course fees contain an 'all-inclusive' package:

- Lectures and laboratory courses
- Excursions and social events
- Accommodation (usually 3- or 4-bed rooms)
- Breakfast and lunch on weekdays
- A local public transportation ticket for the respective time in Aachen
- Emergency contact number (24 hours)

Early Bird – save 10%
Apply before 1st of March 2019

Application Deadlines
1st of April 2019 (June & July programs)
1st of May 2019 (August programs)
3. Summer Schools 2019

ENGINEERING SUMMER SCHOOLS
3. Summer Schools 2019 – Overview

**Mechanical Engineering**
- Agile Innovation: Product Design meets Engineering
- Automation and Simulation
- Automotive and Mobility Studies
- Mechatronic Systems Engineering and Product Innovation
- Production Technology meets Industry 4.0
- Robotics for Future Industrial Applications

**Civil Engineering**
- Structural Engineering of Industrial Facilities

**Engineering and Management**
- Bringing Technological Innovations to Market: The Case of E-Mobility
- Six Sigma Quality Management
- Supply Chain Management & Logistics

**Electrical Engineering**
- Smart Electrical Power Systems
- Sustainable Energy Technology
3. Summer Schools 2019 – Overview

This summer school is centered around the scientific question whether a high penetration of distributed generation, such as rooftop solar installations or wind power, would make the electrical distribution system unreliable or unstable. To reap the full potential of renewable, environment-friendly solar and wind power and to reduce investments in wide-area grids and...
3. Exemplary Weekly Schedule

Week I: Smart Electrical Power Systems 2018

Time | Sunday 1st July | Monday 2nd July | Tuesday 3rd July | Wednesday 4th July | Thursday 5th July | Friday 6th July | Saturday 7th July
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08:00-09:00 | Welcome Orientation | Introduction to Course Content: Smart Electrical Power Systems | | | | |
09:00-10:00 | | | | | | |
10:00-11:00 | | | | | | |
11:00-12:30 | | | | | | |
12:30-13:00 | | | | | | |
13:00-13:30 | | | | | | |
13:30-14:00 | | | | | | |
14:00-14:30 | Individual arrival of Participants | | | | | |
14:30-15:00 | | | | | | |
15:00-15:30 | Pick up at Aachen Central Train Station | | | | | |
15:30-16:00 | Get Together with the Rudinek | | | | | |
16:00-16:30 | | | | | | |
16:30-17:00 | | | | | | |
17:00-17:30 | | | | | | |
17:30-18:00 | | | | | | |
18:00-18:30 | | | | | | |
18:30-19:00 | | | | | | |
19:00-19:30 | | | | | | |
20:00-21:00 | | | | | | |
21:00-21:30 | | | | | | |
21:30-22:00 | | | | | | |
3. Social Events

Enjoy with us…

- Sightseeing
- BBQ
- Sports day
- Hiking tour
- City excursions
- Karaoke night
- Get-togethers

…among other activities.
3. Company and Institute Visits

Enjoy with us…

- Company visits
- RWTH institutes
- Hands-on classes
- Case studies
- Practical games

...depending on the individual academic programs.
4. Admission and Participation

Admission is complete once…

…all required documents have been signed and sent back by your side:

• participation agreement
• a copy of your student ID
• proof of a travel health insurance

…and the course fee has been paid by the deadline.
5. Aachen and its Surroundings
5. Germany and its Neighbours

Rotterdam, NL  Amsterdam, NL  Hamburg, DE

Brussels, BE

Munich, DE
6. Time for Questions

Thank you for your attention!

Any further questions?

Now it’s time to ask.

Feel free to send us an email…

…and visit our website below.

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www.summerschool-in-germany.com