



Online Courses at RWTH International Academy

Sustainable Supply Chain Management in Industry 4.0 | Agile Innovation



Let's start

Summer & Winter Schools at RWTH Aachen University

Spend your time abroad in Germany and boost your career

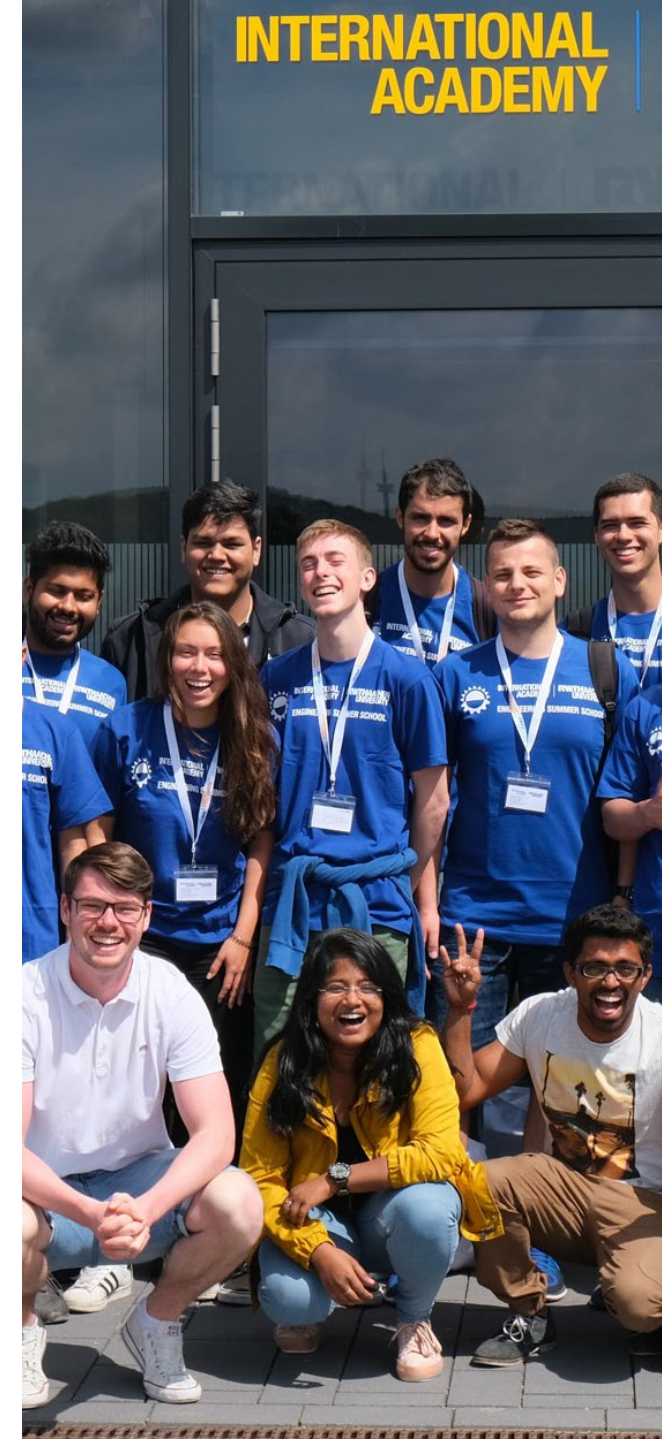
As a participant you develop practical ideas together with renowned professors, get to know future workplaces in Germany and expand your skills with hands-on case studies.

- ▶ Study abroad: 2, 3 or 4 weeks in Germany at RWTH Aachen University
- ▶ Teaching: On campus
- ▶ Including: Comfortable stay & supporting program
- ▶ Qualification: RWTH Aachen University Certificate
- ▶ Language: English



One thing I regret is not participating in this Summer School sooner, because the sooner you study abroad, the more motivated you will be towards your studies in the following years.

*Miki Saito, Japan
Online Course 2021*



Online Courses at RWTH Aachen University

Enjoy a full online experience from home and expand your skills

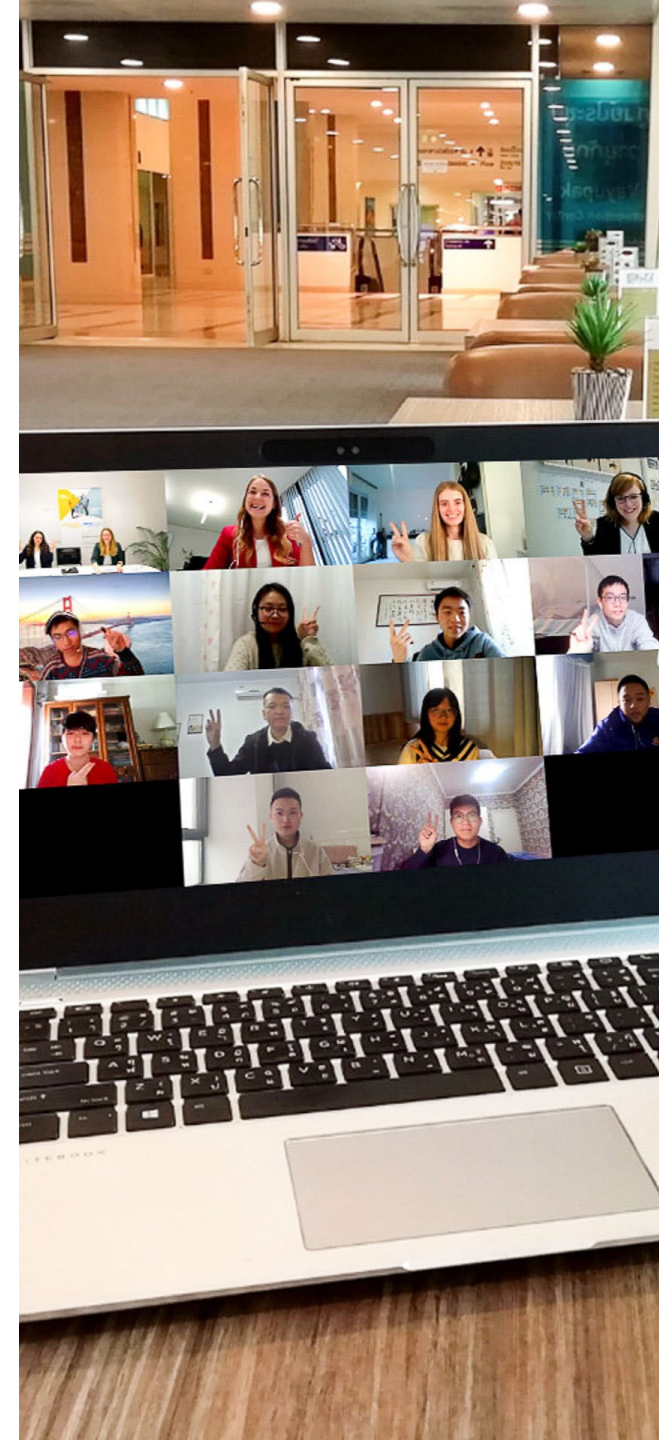
We offer you a wide range of social events to experience an unforgettable time, full of cultural and fun activities – even in our Online Courses.

- ▶ Study at home: 2 or 3 weeks with live sessions and self-study
- ▶ Teaching: Online
- ▶ Including: Supporting program
- ▶ Qualification: RWTH Aachen University Certificate
- ▶ Language: English



The professors were all kind and inspiring, making us feel comfortable asking questions and making comments. I also found it eye opening, because I didn't expect all the opportunities they showed us, that one day we could have in our future.

*Mauricio Rivera, Peru
Online Course 2021*



Program Structure of all Short Courses

Benefit from an extensive package

Online Courses

Academic Content

- ▶ Lectures
- ▶ Exercises
- ▶ Case studies
- ▶ Learning environment

Supporting Program

Academic

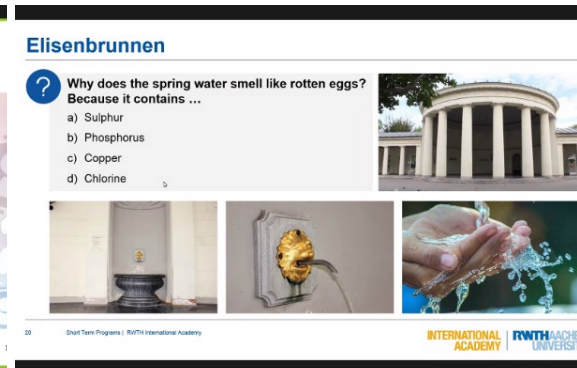
- ▶ Company/institute visits
- ▶ Lab tours
- ▶ Expert talks

Social

- ▶ City Tour of Aachen
- ▶ Intercultural meet-up
- ▶ Mentoring program

Career Services

- ▶ Career portal
- ▶ Webinars & trainings
- ▶ Networking & alumni events
- ▶ Individual coachings



Why should you choose RWTH?

One of Europe's leading science and research institutions



- ▶ Top-ranked university in science and technology
- ▶ An extensive academic program awaits you
- ▶ Together with renowned professors you develop practical solutions
- ▶ With hands-on case studies and real-life examples you expand your hard skills
- ▶ During company visits you gain insights into German industry
- ▶ RWTH lecturers and experts connect you with future workplaces



The company visits were very helpful as they gave an insight to the upcoming automated technologies adapted by the leading manufacturers in Germany. It really was an experience of a lifetime which I wish to revisit again in the future.

Vaibhav Prakash, India
Summer School 2019



Online Courses in February – March 2022



Sign up until
December 13,
2021

Sustainable Supply Chain Management in Industry 4.0



Date: February 07 – February 25



Duration: 3 weeks



Designed for: All international students



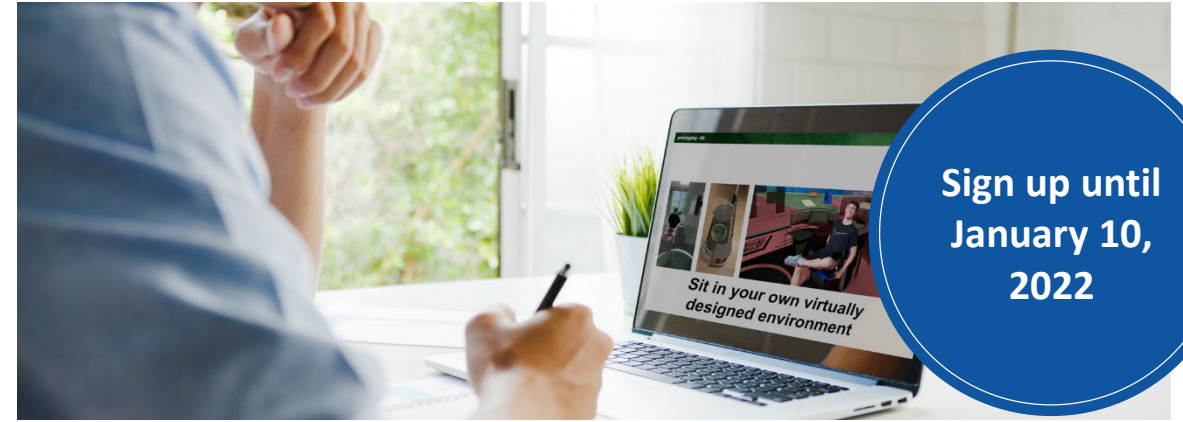
Workload: 50 - 60 hours



Live Sessions: 1-3 pm (UTC + 1, Germany)



Award: RWTH certificate with 2 ECTS



Sign up until
January 10,
2022

Agile Innovation



Date: February 28 – March 11



Duration: 2 weeks



Designed for: Students located in Asia (time zone)



Workload: 50 - 60 hours

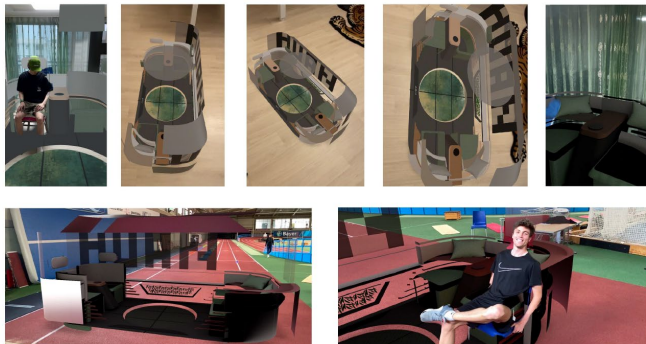


Live Sessions: 9-12 am (UTC + 1, Germany)



Award: RWTH certificate with 2 ECTS





Online Course - Agile Innovation

Design, develop and prototype a user-centered product with your team

Students in Asia
(similar time zones)

Interactive Teaching

- ▶ Product ergonomics and behavior
- ▶ Design methodology
- ▶ Sustainable product planning
- ▶ User centric value
- ▶ Agile product design
- ✓ Learn from a real-life product example
- ✓ Use virtual product development tools
- ✓ Apply rapid prototyping strategies
- ✓ Develop customer-oriented solutions in sprints
- ✓ Work together and present your team's final concept





Online Course - Sustainable Supply Chain Management in Industry 4.0

For all international students

Master the circular economy in a business simulation game

Interactive Teaching

- ▶ Work 4.0: profiles and roles
- ▶ Circular business model design
- ▶ Human-machine interaction
- ▶ Demands, laws and efficiency
- ▶ Application workshop with AI
- ✓ Experience the production chain with real-life machines
- ✓ Develop a circular business model with your team members
- ✓ Apply sustainable and circular strategies
- ✓ Understand supply chain law challenges and digital responses
- ✓ Protect resources with Artificial Intelligence assuring high quality



How can you become part of our international community?



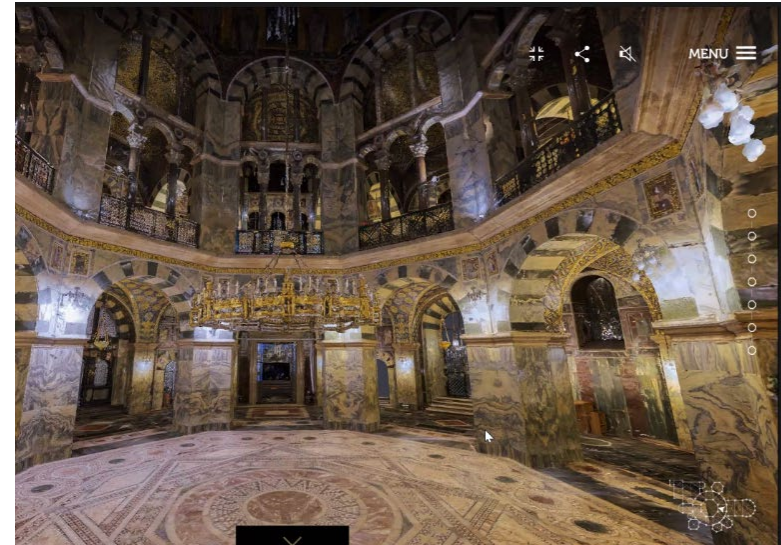
If you...

- ▶ are at least 18 years old
- ▶ pursue your higher education in a related field
- ▶ have sufficient English language skills
- ▶ are eager to broaden your horizon on an international level

Our Participants



Then we kindly invite you to sign up before the deadlines!



Contact us

Short Courses Team at RWTH International Academy

Any further questions?

We are always happy to help you and looking forward to welcoming you in our Online Courses!



Melanie Ostfeld
Program Manager
Short Courses



Lena Wehrle
Junior Event Manager
Short Courses



ShortCourses@academy.rwth-aachen.de



[RWTHSummerSchool](https://www.facebook.com/RWTHSummerSchool)



[rwthshortcourses](https://www.instagram.com/rwthshortcourses)



www.academy.rwth-aachen.de/short-courses