

Online Courses at RWTH Aachen University, Germany

Sustainable Supply Chain Management in Industry 4.0

You are looking for a topic that combines responsible management with modern production technologies because you study an engineering or economics degree and are aware of future transformations?

In this case, you are welcome to join the Online Course on:

Sustainable Supply Chain Management in Industry 4.0 | February 07 – 25, 2022 | registrations before December 13, 2021

In a business simulation game, you and your peers need to transform your virtual company's linear value chain to a circular model of reusing materials. Consider control mechanisms, laws, and cost structures to come up with a successful circular business model.

Plus, you learn about Industry 4.0 in real-life supply chain management. You focus on machine connectivity, Big Data and Artificial Intelligence as well as the Internet of Things and analyze their role in a sustainable supply chain.

As a result of the very practical, workshop-type units, you understand future workplaces with Industry 4.0 and make climate-sensitive decisions.

This course is designed for everyone around the world to join. There are two hours of live sessions from 13-15 pm (German Time Zone: UTC+1), which is in the morning in America, and in the evening in Asia. You can go through the rest of the videos and reading materials at your own pace whenever it suits you.

Agile Innovation

Are you ready to design, develop and prototype a product with your team?

If you study an economics or engineering degree and are interested in future product solutions, you can expand your skills in the Online Course called:

Agile Innovation | February 28 – March 11, 2022 | registrations before January 10, 2022

You gain insights into cutting-edge methods and processes of agile product innovation. Make use of virtual product design tools like CAD and implement rapid prototyping strategies.

While analyzing and improving existing real-life products, you learn everything from market research to product life-cycle management. You even get the chance to apply the knowledge in hands-on sessions: Team up and prototype the best customer-oriented solution of all!

This course is especially tailored to students from selected Japanese partner universities, but open for all students from the Asian area. The live teaching sessions take place from 9-12 am (German Time Zone: UTC+1), which is in the afternoon/evening in Asia.

Your big advantage with both RWTH Online Courses:

You do not need to have previous knowledge on the topics! The lecturers explain thoroughly everything you need to know.

Upon successful completion, you receive 2 ECTS points on the official RWTH Aachen University Certificate.

Enjoy these benefits aside from the high-value academic content:

- highly mixed group with your German mentors
- group work & self-study to manage your time as you like
- German research topics and applications
- virtual social events to get in touch with other cultures
- experts from industry who present their daily work with the course topics

Find all details on the official [website](#).