## **Online Courses at RWTH Aachen University**

### Spend your time effectively from home and boost your career

### **Highlights & Benefits**



### **Excellent Academic Teaching**

RWTH Aachen University is top-ranked and one of Europe's leading science and research institutions. You benefit from highvalue academic content and excellent lectures online.

### Synchronous learning

- live sessions & exercises
- O&As
- discussions & debates
- interactive participation

direct support by our lecturers

## **Asynchronous learning**

- video lectures
- readings with guizzes
- home- & group work
- exercises & simulations

freely accessible | self-determined

### **Supporting Program & Intercultural Experience**

Our attractive supporting program provides an insight into the history and culture of Germany. We've come up with creative ways to include various social activities in our Online Courses:

- digital sightseeing tour
- intercultural meet-ups, get-togethers with mentors & professors
- cultural events: cathedral & museum tours
- team-building: icebreaking games, escape room, photo challenges
- sports: stretching exercises / evening yoga
- honoring events: welcome and certificate ceremony



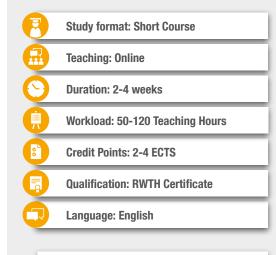


### **Application Information**

You are welcome to apply if you:

- ▶ are at least 18 years old
- pursue your higher education
- completed your 1st/2nd year of studies
- study a degree related to our program
- are proficient in the English language

### **Ouickfacts about our Courses**





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## Sustainable Supply Chain Management in Industry 4.0

### **Expect these Contents**

You study various supply chain concepts and need to overcome current challenges in a business simulation game. By making practical choices for your company and reflecting on them on a theoretical level, you learn and experience first-hand how effective and sustainable supply chain management works. You consider sustainability and climate risk management and learn

about Industry 4.0 in a real production environment. Understand the technologies' impact on the supply chain and integrate a responsible and modern way of thinking.



# Master the circular economy in a business simulation game

- Experience the production chain with real-life machines
- Learn how Artificial Intelligence and Big Data can protect resources and still assure high quality in production
- Apply sustainable strategies to develop a circular business model with your team members
- Understand supply chain law challenges and digital responses

### **Time Frame and Credits**



### **Your Academic Staff**

This program is conducted by the ITA Academy from the Institute of Textile Technology. In their model factory for digitalisation in production, they demonstrate supply chain management and Industry 4.0 technologies. An author, lecturer and developer of business simulation games provides content on sustainability aspects and circular economy. lotos: RWTH International Academy, ITA Academy GmbH, Adobe Stock



### **Interactive Teaching**

- Work 4.0: profiles and roles
- Circular business model design
- Human-machine interaction
  Demands, laws and efficiency
- Application workshop with AI



Especially tailored to unite different time zones: You have two hours of live lectures and group work per day and can flexibly work through pre-recorded materials.





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