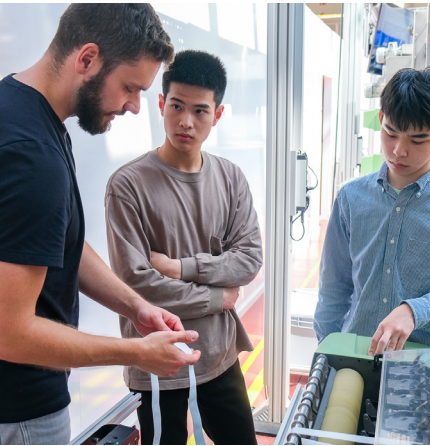


Learn how to optimize production processes in smart factories using the latest technologies

Smart Production Engineering in Industry 4.0



Expect these Contents


The Short Course provides students with an overview of RWTH Aachen's research concerning Industry 4.0 and is headed by the Cluster of Excellence "Internet of Production". Currently important research topics are discussed from 15 different viewpoints. Aside from boosting your career, our Short Courses provide you with an unforgettable opportunity for intercultural exchange. Gain insights into student life at RWTH Aachen University and network with German companies and organizations!

- Experience the production chain with real-life machines
- Gain valuable insights into Industry 4.0 technologies to improve human-machine interaction and succeed in future work places
- Understand artificial intelligence, big data and data mining
- Work with various materials and lightweight design

Quick Facts

 **2 weeks**

 **On-campus or blended**

 **RWTH Certificate with 3 ECTS (approx. 75 hours)**

 **Price upon request**

 **Supporting Program**

 **Accommodation included**

All programs can be customized with regards to duration, teaching format and content.

Blended Learning

This Short Course consists of two different phases. In the first stage, which will take place online, over a period of one week a preparatory unit will provide you with a range of theoretical contents to equip you with the necessary knowledge for the next part. In the second phase, you will travel to Germany to experience the practical part on campus for 2 weeks. This includes various visits to institutes and practical case studies based on the theory.

