

# Automation and Simulation

Solve computing assignments and apply your skills in a project

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## Expect these Contents

Learn all about fundamentals in automation and simulation. The topic simulation features various exercises in a computer lab. You solve real world problems by applying software and acquire a solid understanding of methods used in mechanical engineering. In the automation part, you discuss modern automated production systems, covering major cutting-edge technologies of production automation.

- ▶ Come up with elaborate calculations for adequate simulations
- ▶ Realize a project work in a computer laboratory
- ▶ Try, test, and acquire methods in mechanical engineering to understand automation processes
- ▶ Learn about current research challenges during a lab tour
- ▶ Upgrade your skill set for the interdisciplinary engineering world

## Quick Facts

### Your Summer School at a glance

 July 14 - August 3, 2024 (3 weeks)	 3,350 €
 On campus	 Mentoring and Supporting Program
 RWTH Certificate with 4 ECTS (approx. 100 hours)	 Accommodation included

## Insights into the technologies of the future

As a global pioneer in the field of industrial automation, Eaton is playing a key role in the development and implementation of the most advanced technologies. For you, they open their gates of their German headquarters in Bonn. A whole day full of exciting hands-on activities paired with the latest technologies awaits you!

