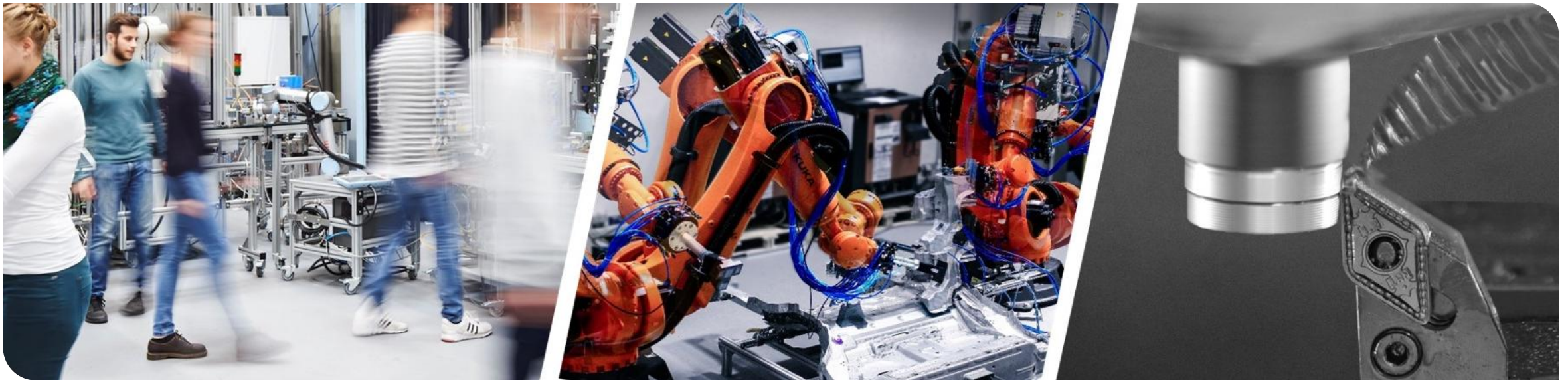


# Project Course Machining of Metallic Components: Process Design and Production

Course Announcement – Winter Semester 2025 / 26



# Course Information

## Project Course Machining of Metallic Components: Process Design and Production

### General Information



- The project course covers essential steps in the design and monitoring of machining processes, including 3D modeling, G-code programming, process simulation, cutting force calculation, AI-based condition monitoring, and quality control
- Practical application of the course content in 7 hands-on workshops combined with independent project work
- Collaborative teamwork in groups of 5 participants
- Course language is English

### Organization



- Every winter semester
- Workload: 120 hours (4 ECTS)
- Number of participants limited to 20 students
- Application via Ilias

### Examination



- Group presentations
- Oral examination

### Contact Persons



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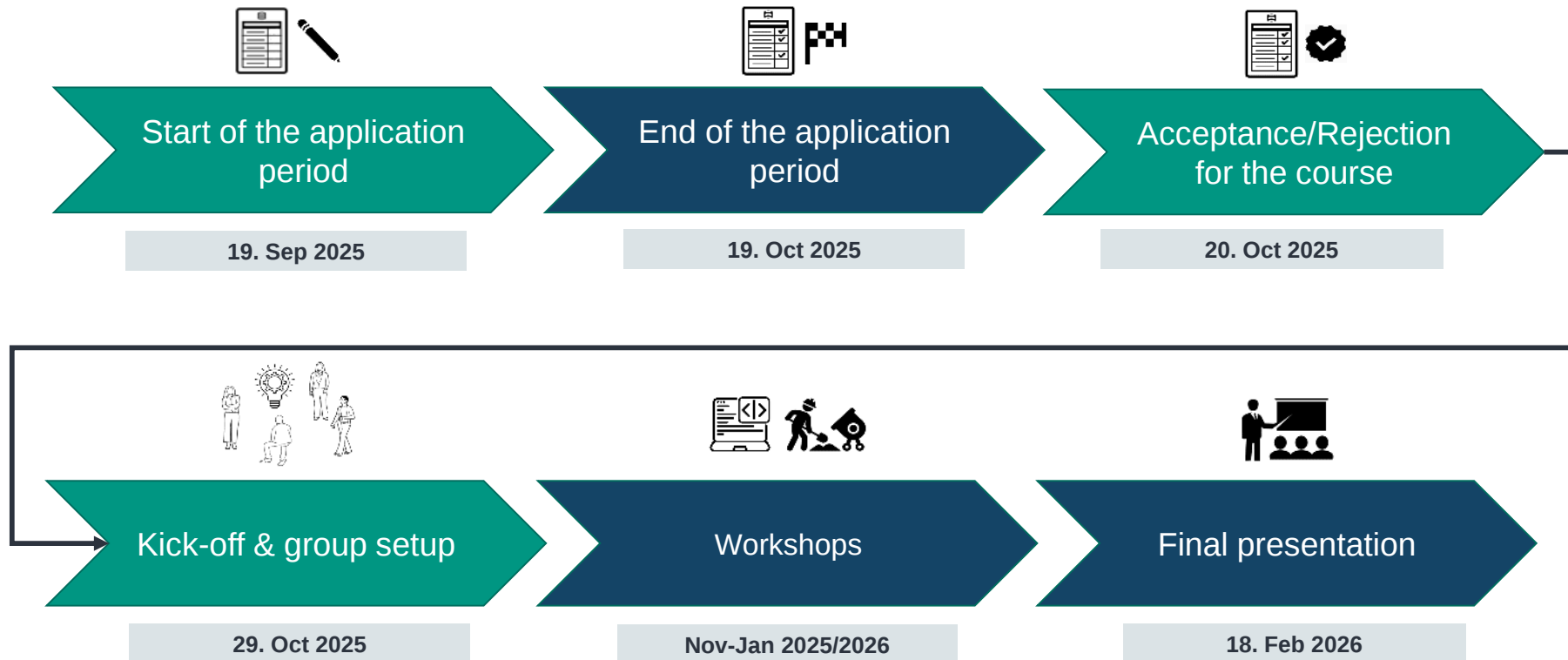


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# Course Registration

## Time Table



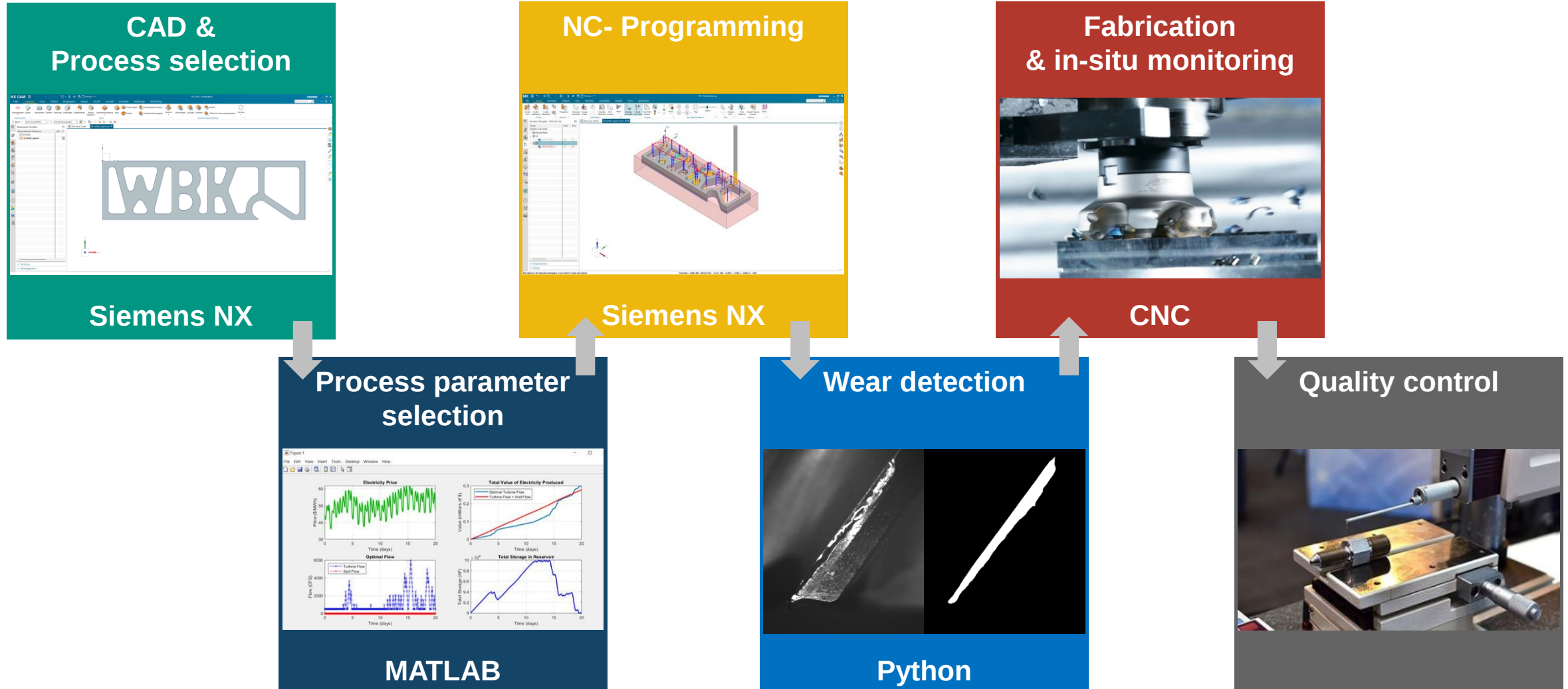
Application from **19.09.**  
to **19.10.25** at:



[Link to the application form](#)

# Course Overview

Project Course Machining of Metallic Components: Process Design and Production



# We're looking forward to it 😊



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**Thank you for your  
attention!**