
Computer Engineering and Robotics (B.Eng.)

Faculty of Engineering and Health
Examination Regulations 2021

Module Overview

- Mathematics 1
- Dynamics
- Computer Science 1
- Electrical Engineering 1
- Introduction to Robotics
- Mathematics 2
- Technical Computer Science
- Advanced Computer Science
- Fundamentals of Electronics
- Computer Networks and Operating Systems
- Numerical Mathematics
- Control Systems
- Microprocessor Technology
- Algorithms and Data Structures
- Measurement and Sensor Technology
- Business Administration for Engineers
- Hardware and Software Design Patterns
- Semiconductors and Digital Electronics
- Autonomous Systems
- Drive and Control Technology
- Scientific Research Methods
- Technical English
- Digital Signal Processing
- AI-Based Image Analysis
- Embedded Systems
- Individualized Study Profile (HAWK plus)
- Bachelor's Practical Project
- Bachelor's Thesis
- Bachelor's Seminar with Final Colloquium