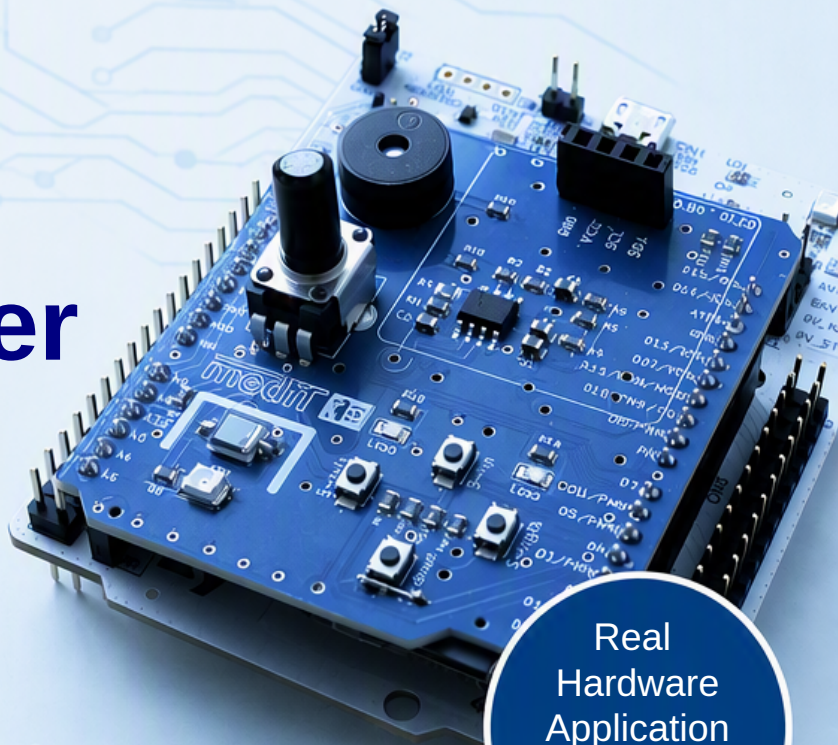


New Course

Embedded Microcontroller Programming

Hands-on Programming with STM32 and Cube IDE

Do you want to turn your basic C programming skills into real hardware applications? Join our new hands-on seminar "Embedded Microcontroller Programming" and learn to develop, debug and prototype on the widely used STM32 microcontroller platform.

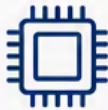


Real
Hardware
Application
with PPG
Sensor



Program in C

Write C code that runs directly on STM32 Microcontrollers



Configure Peripherals

Work with GPIO, Timers, UART, ADC and more



Build real Systems

Develop a fully working embedded prototype application



Practical & Relevant

Hands-on Lab for future Medical Devices, IoT, Automotive or Robotics



COURSE DATES

Winter Semester 26/27

23.10. / 30.10. / 6.11. / 13.11. 2026

🕒 Fridays **13.00 to 16.00**

Only Basic C-Programming Skills required



Bring your own Laptop



REGISTRATION & INFORMATION

To register or obtain further information, visit the course page on RWTHonline or send an e-mail to walter@hia.rwth-aachen.de.

