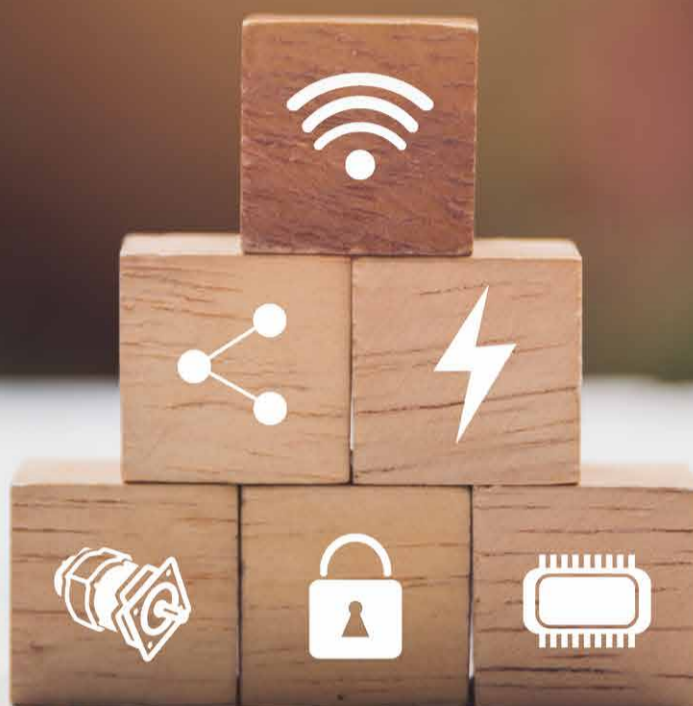


System Development with STMicroelectronics



STMicroelectronics, in collaboration with the Dipartimento di Ingegneria Elettrica Elettronica ed Informatica (DIEEI), offers the course “System Development with STMicroelectronics” (3 CFU) aimed at first-year students of the DIEEI Master's Degree Courses.

Schedule*

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|--------|--|--------|--|
| Oct 9 | Course opening Company presentation System presentation: Electronic system general description and main components Marketing: a customer journey | Nov 20 | Electric motors and actuators - introduction and practical session |
| Oct 16 | Introduction to microcontrollers STM32 family overview and main peripherals | Nov 27 | Electric motors and actuators – ST solutions |
| Oct 23 | Introduction to microcontrollers ODE overview: Nucleo, X-Nucleo, Function Packs Summer campus | Dec 4 | Introduction to MEMS Sensors and practical session |
| Oct 30 | Introduction to microcontrollers Programming tools | Dec 11 | Energy-autonomous and maintenance-free wireless sensor node |
| Nov 13 | Microcontrollers - practical example on STM32 | Dec 15 | Deep learning & STM32Cube A.I. Human resources Course closure |

Tot: 30 hours

*any Monday, 15:00 - 18:00
Room: D23