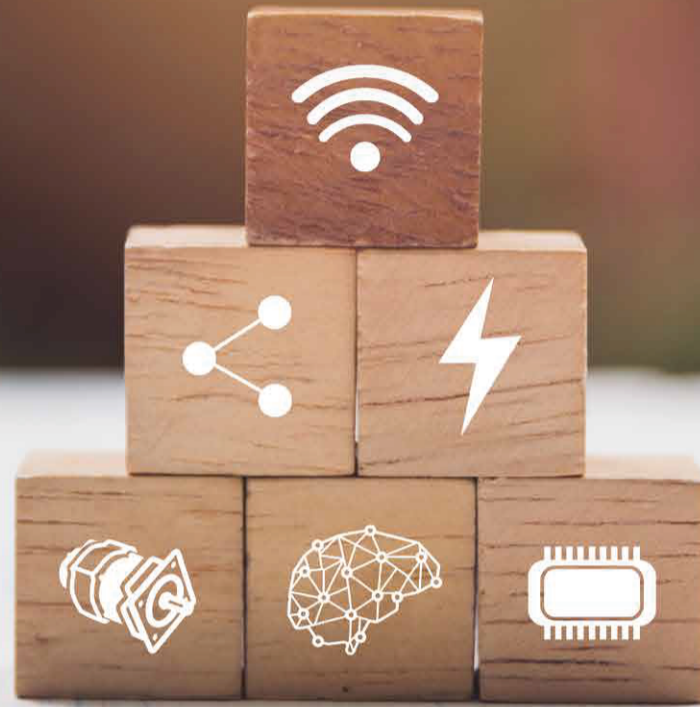


STEM your way
Innovation depends on you

System Development with STMicroelectronics

How to design an electronic system based on a microcontroller

The online course offered by ST to university students



Lessons
from March to June 2024

STMicroelectronics is offering an online theoretical and practical course to university students, valid for the acquisition of Crediti Formativi Universitari (CFU)*
Lessons will be held in English from March to June 2024.

* The CFU value is agreed with universities and relates to the second part (Part II) of the course

Part I: 7.5 hours Offered to all STEM students (Bachelor's and Master's Degree)		
ST at a glance	ST Management	11 th March 2024 15:00 - 17:30
Electronic systems	Adriano BASILE	
Introduction to microcontrollers	Maria Celvisia VIRZÌ	18 th March 2024 15:00 - 17:30
Embedded systems - programming basics	Marco BRANCIFORTE	
MEMS sensors overview	Adriano BASILE	25 th March 2024 15:00 - 17:30
Motor control algorithms	Gianluigi FORTE	
Artificial Intelligence on the edge	Davide GIACALONE Valeria TOMASELLI	25 th March 2024 15:00 - 17:30
Join us! Meet ST Human Resources	HR dept.	

Part II: 20 hours Offered to students of Master's Degree courses in STEM domains		
ST at a glance	ST Management	8 th April 2024 15:00 - 17:00
Semiconductor manufacturing	Adriano BASILE	
STM32: family overview	Maria Celvisia VIRZÌ	15 th April 2024 15:00 - 18:00
STM32: main peripherals STM32 ODE overview: Nucleo, X-Nucleo, Function Packs	Maria Celvisia VIRZÌ Alessandro CAPRA	
STM32: programming tools	Marco BRANCIFORTE	22 nd April 2024 15:00 - 17:00
STM32: practical examples	Marco BRANCIFORTE	29 th April 2024 15:00 - 18:00
MEMS sensors: practical examples	Adriano BASILE	6 th May 2024 15:00 - 17:00
Deep learning & STM32Cube A.I.	Davide GIACALONE Valeria TOMASELLI	13 th May 2024 15:00 - 17:00
Electric motor and actuators: introduction	Gianluigi FORTE	20 th May 2024 15:00 - 17:00
Electric motor and actuators: practical session	Gianluigi FORTE	27 th May 2024 15:00 - 17:00
Energy-autonomous and maintenance-free wireless sensor node	Roberto LA ROSA	3 rd June 2024 15:00 - 17:00
Join us! Meet ST Human Resources	HR dept.	

Don't miss this valuable training experience from one of the world's leading companies in microelectronics and semiconductor production.
Stay tuned on: www.st.com/system-development-training

