

System Development with STMicroelectronics

ONLINE course
each Monday
from 6th March
to 5th June 2023



Università
degli Studi
di Palermo



master of science
in electronics
engineering
di-unipa



femto-st
SCIENCES &
TECHNOLOGIES

STMicroelectronics, in collaboration with the Master's Degree Course in Electronics Engineering and Ingegneria dei Sistemi Cyber-Fisici per l'Industria (Università degli Studi di Palermo), proposes the 30-hours course "System Development with STMicroelectronics", also aimed at students of FEMTO-ST (Besançon, F), Politecnico di Torino and Università degli Studi di Roma Tor Vergata (accredited CFU may vary from one university to another).

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TIMETABLE

3.30 pm – 6.30 pm – ONLINE

Mar. 6	Course Opening Electronic System	A. Basile	Apr 3	Electric Motor and Actuators:	G. Forte
	<ul style="list-style-type: none"> General Description and Main Components 			<ul style="list-style-type: none"> ST Solutions 	
Mar. 13	Introduction to STM32 and STM32 ODE:	M.C. Virzi	May 8	Electric Motor and Actuators:	G. Forte
	<ul style="list-style-type: none"> Intro to STM32 microcontrollers STM32ODE overview: Nucleo, X-Nucleo 			<ul style="list-style-type: none"> Practical session 	
Mar. 20	Programming tools for STM32	M. Branciforte	May 15	Marketing: A customer journey	A. Basile
	<ul style="list-style-type: none"> CubeMX & CubeIDE 			New Frontiers in Energy Management	R. La Rosa
Mar. 27	Company presentation	E. Astorino G. Compagno	May 22	Deep Learning & STM32Cube.AI	V. Tomaselli D. Giacalone
	ST Catania & Palermo Site @ Glance				
Mar. 27	Programming Example on STM32	M. Branciforte	May 29	Very high frequency power conversion	R. La Rosa
				General Purpose Analog division	S. Adamo F. Musarra
Mar. 27	Mems Sensors Overview	A. Basile	Jun. 5	Semiconductor Profitability	G. Compagno
	BLE	S. Curti		Summer Campus	D. Rega
	<ul style="list-style-type: none"> Overview and demo session 			Thesis & Internship in ST - How to	HR Dept.