

Day 1 – 2hh 28/04 (8:00 – 10:00)	• Course opening • Company presentation • System presentation: • Electronic system general description and main components • Marketing: a customer journey	Adriano Basile Marco Branciforte
Day 2 – 2hh 05/05 (8:00 – 10:00)	• Introduction to microcontrollers • STM32 family overview and main peripherals	Maria-Celvisia Virzi
Day 3 – 3hh 09/05 (8:00 – 11:00)	• Introduction to microcontrollers • STM32ODE overview: Nucleo, X-Nucleo, Function Packs	Maria-Celvisia Virzi Alessandro Capra
Day 4 – 2hh 12/05 (8:00 – 10:00)	• Introduction to microcontrollers • Programming tools	Marco Branciforte
Day 5 – 3hh 16/05 (8:00 – 11:00)	• Microcontrollers – practical example on STM32	Marco Branciforte
Day 6 - 3hh 23/05 (8:00 – 11:00)	• Electric motors and actuators – introduction and ST solutions	Gianluigi Forte
Day 7 - 2hh 26/05 (8:00 – 10:00)	• Electric motors and actuators – practical session	Gianluigi Forte
Day 8 - 3hh 30/05 (8:00 – 11:00)	• Introduction to MEMS sensors & practical session	Adriano Basile
Day 9 - 3hh 06/06 (8:00 – 11:00)	• Energy-autonomous and maintenance-free wireless sensor node	Roberto La Rosa
Day 10 - 2hh 09/06 (8:00 – 10:00)	• Energy-autonomous and maintenance-free wireless sensor node	Roberto La Rosa
Day 11 - 3hh 13/06 (8:00 – 11:00)	• Deep learning & STM32Cube A.I. • Human resources • Course closure	Valeria Tomaselli Davide Giacalone Nicoletta Di Noto Marco Branciforte