

Languages							
Course	Duration	Cost	2023				
			June	July	August	September	October
oL10 - Embedded Modern C++ Programming	12 hours	1970 € HT				14 - 15(Online EurAsia)	
oL2 - C Language for Embedded MCUs	24 hours	2250 € HT					3 - 6(Online EurAsia)
oL3 - Embedded C++ Programming	18 hours	2180 € HT				11 - 13(Online EurAsia)	
oL9 - Parallel programming with OpenCL	24 hours	2390 € HT	<i>on request</i>				
oL30 - Classic and Modern C++ for Embedded Systems	30 hours	2930 € HT				11 - 15(Online EurAsia)	

Programmable Logic							
Course	Duration	Cost	2023				
			June	July	August	September	October
oRV1 - RISC-V Architecture	18 hours	2500 € HT	<i>on request</i>				
oV1 - VHDL Language basics	24 hours	2610 € HT	6 - 9(Online EurAsia)				
oV2 - VHDL Language advanced features	18 hours	2390 € HT	21 - 23(Online EurAsia)				

Embarqué et Temps-Réel							
Course	Duration	Cost	2023				
			June	July	August	September	October
oRT6 - Real Time Programming with Azure RTOS - ThreadX	18 hours	2390 € HT		3 - 5(Online EurAsia)			
oRT5 - Zephyr Real Time Programming	30 hours	2930 € HT					2 - 6
oS TG - STM32 + FreeRTOS + LwIP	30 hours	2930 € HT	<i>on request</i>				
oRT1 - Linux Real-Time and Multi-Core programming	30 hours	2660 € HT	<i>on request</i>				
oRT3 - Real Time Programming with FreeRTOS	24 hours	2180 € HT				26 - 29(Online EurAsia)	

Safety and security						
Course	Duration	Cost	2023			
			June	July	August	September
oSEC5 - Embedded Security for STM32-based devices	12 hours	2150 € HT		11 - 12(Online EurAsia)		
oSEC1 - Secure Development for Embedded System	18 hours	2290 € HT	26 - 28(Online EurAsia)			
oSEC7 - ARM TrustZone for Cortex-M based devices	6 hours	1800 € HT		4 - 4(Online EurAsia)		
oSEC3 - wolfSSL for Embedded Security	18 hours	2290 € HT	<i>on request</i>			
oSEC6 - Embedded Security for NXP i.MX-based processors	12 hours	2150 € HT		5 - 6(Online EurAsia)		
oSEC2 - Advanced Embedded Systems Security	12 hours	2060 € HT	29 - 30(Online EurAsia)			
oSEC4 - Advanced wolfSSL for Embedded Security	12 hours	1970 € HT	<i>on request</i>			
oSEC12 - Comprehensive Secure Systems Programming	30 hours	3060 € HT	26 - 30(Online EurAsia)			
oSEC34 - Comprehensive Security with WolfSSL	30 hours	2790 € HT	<i>on request</i>			
Linux						
Course	Duration	Cost	2023			
			June	July	August	September
oD0 - Linux User Mode Programming	24 hours	2250 € HT	<i>on request</i>			
oD1 - Embedded Linux	12 hours	1970 € HT	<i>on request</i>			
oD1Y - Embedded Linux using Yocto	30 hours	2790 € HT	<i>on request</i>			
oD3 - Linux Drivers (online Training)	30 hours	2610 € HT	<i>on request</i>			
oY1 - Yocto Project Development	18 hours	2290 € HT	5 - 7(Online EurAsia)			
oY2 - Yocto Project Expert	12 hours	1970 € HT	8 - 9(Online EurAsia)			
oY12 - Comprehensive Yocto Project Usage	30 hours	3060 € HT	5 - 9(Online EurAsia)			
System Workbench						
Course	Duration	Cost	2023			
			June	July	August	September
SW1 - System Workbench for Linux	1 day	750 € HT	<i>on request</i>			

Android							
Course	Duration	Cost	2023				
			June	July	August	September	October
G1 - Android Installation	3 days	2180 € HT			<i>on request</i>		
G2 - Android Programming	5 days	2660 € HT			<i>on request</i>		
G3 - Android Internals	5 days	3060 € HT			<i>on request</i>		
G5 - Android for Industrial System Control	4 days	3060 € HT			<i>on request</i>		
Linux							
Course	Duration	Cost	2023				
			June	July	August	September	October
Y12 - Comprehensive Yocto Project Usage	5 days	3060 € HT			<i>on request</i>		
Q1 - Embedded GUIs with Qt	4 days	2370 € HT			<i>on request</i>		
D0 - Linux user mode programming	4 days	2250 € HT			<i>on request</i>		
D1 - Embedded Linux with Buildroot and Yocto	4 days	2370 € HT			<i>on request</i>		
D1S - Embedded Linux with Ac6 System Workbench	3 days	1780 € HT			<i>on request</i>		
D1Y - Embedded Linux with Yocto	5 days	2790 € HT			<i>on request</i>		
D3 - Linux Drivers	4 days	2610 € HT			<i>on request</i>		
D4 - Real-time Linux	4 days	2490 € HT			<i>on request</i>		
D5 - Embedded GUI	3 days	1080 € HT			<i>on request</i>		
D7 - Power Management in Linux Drivers	2 days	1060 € HT			<i>on request</i>		
D8 - USB Linux Drivers	3 days	2290 € HT			<i>on request</i>		
Y1 - Yocto Project Development	3 days	2290 € HT			<i>on request</i>		
Y2 - Yocto Project Expert	2 days	1970 € HT			<i>on request</i>		
RTOS							
Course	Duration	Cost	2023				
			June	July	August	September	October
IOT1 - Internet of Things (IOT) on Microcontrollers	3 days	2290 € HT			<i>on request</i>		

Methods						
Course	Duration	Cost	2023			
			June	July	August	September
C8 - Critical Systems Safety	3 days	2290 € HT			on request	
C9 - Software Architecture with UML	4 days	2370 € HT			on request	
C7 - UML Real-Time	4 days	2370 € HT			on request	
E1 - Eclipse	3 days	1750 € HT			on request	

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L10 - Embedded Modern C++ Programming	2 days	1970 € HT			on request	
L2 - C language for Embedded MCUs	4 days	2250 € HT			on request	
L3 - Embedded C++	3 days	2180 € HT			on request	
L4 - Industrial Java	4 days	2490 € HT			on request	
L4G - Java for Android	2 days	1880 € HT			on request	
L5 - Java Temps Réel	3 days	2290 € HT			on request	
L8 - Python	4 days	2290 € HT			on request	
L9 - OpenCL	3 days	2390 € HT			on request	
L30 - Classic and Modern C++ for Embedded Systems	5 days	2930 € HT			on request	

Safety and security						
Course	Duration	Cost	2023			
			June	July	August	September
SEC7 - ARM TrustZone for Cortex-M based devices	1 day	1730 € HT			on request	
SEC4 - Advanced wolfSSL for Embedded Security	2 days	1970 € HT			on request	
SEC1 - Developing Secure Embedded Systems	18 hours	2290 € HT			on request	
SEC6 - Embedded Security for NXP i.MX-based processors	2 days	2060 € HT			on request	
SEC3 - wolfSSL for Embedded Security	18 hours	2290 € HT			on request	
SEC2 - Advanced Embedded Systems Security	12 hours	2060 € HT			on request	
SEC5 - Embedded Security for STM32-based devices	2 days	2060 € HT			on request	
SEC12 - Comprehensive Secure Systems Programming	30 hours	3060 € HT			on request	
SEC34 - Comprehensive Security with WolfSSL	5 days	2930 € HT			on request	

Real-Time						
Course	Duration	Cost	2023			
			June	July	August	September
MC4 - Multi-Core Programming with OSEK/VDX and AutoSAR	3 days	2180 € HT			on request	
RT3 - FreeRTOS Real Time Programming	3 days	2180 € HT			on request	
RT1 - Real Time and Multi-Core programming	5 days	2660 € HT			on request	
RT5 - Zephyr Real Time Programming	5 days	2930 € HT			on request	
RT6 - Real Time Programming with Azure RTOS - ThreadX	3 days	2390 € HT			on request	

Internet						
Course	Duration	Cost	2023			
			June	July	August	September
STS1 - LwIP Implementation	2 days	1880 € HT			on request	

Programmable Logic						
Course	Duration	Cost	2023			
			June	July	August	September
ALT1 - CYCLONE-V CORTEX-A9 HARD PROCESSOR SYSTEM	5 days	2660 € HT			on request	
H1 - Lattice Mico32 FPGA embedded processor	3 days	2180 € HT			on request	
HX5 - Zynq All Programmable SoC: Hardware and Software Design	2 days	2060 € HT			on request	
H2 - Lattice Diamond	2 days	1880 € HT			on request	
RV1 - RISC-V Architecture	3 days	2500 € HT			on request	
HX4 - Xilinx - Microblaze implementation	2 days	1880 € HT			on request	
MSP - Microchip SmartFusion2 Programming	3 days	2370 € HT			on request	
V0 - Programmable component fundamentals	2 days	1710 € HT			on request	
V1 - VHDL Language Basics	4 days	2610 € HT			on request	
V2 - Advanced VHDL for FPGA	4 days	2730 € HT			on request	
V3 - Design with SystemC	4 days	2370 € HT			on request	

ARM Cores						
Course	Duration	Cost	2023			
			June	July	August	September
RR1 - Cortex-R5 implementation	3 days	2080 € HT			on request	
RA2 - Cortex-A9 implementation	4 days	2370 € HT			on request	
RC2 - NEON-v8 programming	2 days	1970 € HT			on request	
AAA - ARM Cortex-A and R Architecture	4 days	2370 € HT			on request	
RA4 - Cortex-A7 implementation	4 days	2370 € HT			on request	
RM0 - Cortex-M0 / Cortex-M0+ implementation	2 days	1790 € HT			on request	
RA5 - Cortex-A17 implementation	4 days	2490 € HT			on request	
RM4 - Cortex-M7 implementation	4 days	2610 € HT			on request	
RA0 - Cortex-A5 implementation	4 days	2370 € HT			on request	
RM5 - Cortex-M33 Implementation	4 days	2730 € HT			on request	
RM3 - Cortex-M4 / Cortex-M4F implementation	4 days	2490 € HT			on request	
RR0 - Cortex-R4 implementation	3 days	2080 € HT			on request	
RM1 - Cortex-M1 implementation	3 days	2080 € HT			on request	
RA7 - CORTEX-A53 implementation, ARM Architecture V8	4 days	2610 € HT			on request	
RA1 - Cortex-A8 implementation	3 days	2080 € HT			on request	
AAM - ARM Cortex-M Architecture	4 days	2370 € HT			on request	
RA3 - Cortex-A15 implementation	4 days	2370 € HT			on request	
RC1 - NEON-v7 programming	2 days	1880 € HT			on request	
RA8 - CORTEX-A72 implementation, ARM Architecture V8	4 days	2730 € HT			on request	
RI0 - AXI3 / AXI4 INTERCONNECT	2 days	1880 € HT			on request	
RA9 - CORTEX-A73 implementation, ARM Architecture V8	4 days	2730 € HT			on request	
RA6 - CORTEX-A57 implementation, ARM Architecture V8	4 days	2610 € HT			on request	
RR2 - Cortex-R7 implementation	3 days	2180 € HT			on request	
RM2 - Cortex-M3 implementation	4 days	2370 € HT			on request	

NXP ARM SoCs							
Course	Duration	Cost	2023				
			June	July	August	September	October
FK1 - Kinetis MCU Implementation	5 days	2550 € HT			<i>on request</i>		
FA6 - i.MX8 Max Implementation	5 days	3060 € HT			<i>on request</i>		
FK2 - Kinetis KL26z MCU Implementation	4 days	2370 € HT			<i>on request</i>		
FA5 - i.MX8m Implementation	5 days	2790 € HT			<i>on request</i>		
NP1 - LPC21XX/LPC22XX microcontroller implementation	4 days	2370 € HT			<i>on request</i>		
FQ1 - LS1021A QorIQ implementation	5 days	2930 € HT			<i>on request</i>		
FA4 - i.MX6 Implementation	5 days	2660 € HT			<i>on request</i>		
NP2 - LPC17xx microcontroller implementation	4 days	2370 € HT			<i>on request</i>		
ST processors							
Course	Duration	Cost	2023				
			June	July	August	September	October
STR5 - STM32 F1-Series implementation	5 days	2530 € HT			<i>on request</i>		
STR7 - STM32 F4-Series implementation	4 days	2370 € HT			<i>on request</i>		
STG - STM32 + FreeRTOS + LwIP	5 days	2930 € HT			<i>on request</i>		
STR9 - STM32 Peripherals	5 days	2930 € HT			<i>on request</i>		
STR6 - STM32 F2-Series implementation	4 days	2250 € HT			<i>on request</i>		
STR4 - STM32 F0-Series implementation	4 days	2250 € HT			<i>on request</i>		
STR8 - STM32MP15 Implementation	5 days	2930 € HT			<i>on request</i>		
TI processors							
Course	Duration	Cost	2023				
			June	July	August	September	October
TK1 - KEYSTONE II IMPLEMENTATION	4 days	2730 € HT			<i>on request</i>		
TI3 - Cortex M4 Texas Instruments Implementation and TI-RTOS	4 days	2610 € HT			<i>on request</i>		

NXP Power CPUs						
Course	Duration	Cost	2023			
			June	July	August	September
FCQ7 - T4240 QorIQ implementation	6 days	3250 € HT			<i>on request</i>	
FCQ9 - T2081 QorIQ implementation	5 days	2930 € HT			<i>on request</i>	
FCQ11 - P102X QorIQ implementation	6 days	3250 € HT			<i>on request</i>	
FCQ2 - P2020 QorIQ implementation	5 days	2930 € HT			<i>on request</i>	
FCQ3 - P204X QorIQ implementation	6 days	3250 € HT			<i>on request</i>	
FCQ10 - T1040 QorIQ implementation	7 days	3560 € HT			<i>on request</i>	
FCQ4 - P3041 QorIQ implementation	6 days	3250 € HT			<i>on request</i>	
FCC4 - e6500 implementation	3 days	2290 € HT			<i>on request</i>	
FCQ1 - P101X QorIQ implementation	5 days	2930 € HT			<i>on request</i>	
FCQ6 - P5020 QorIQ implementation	6 days	3250 € HT			<i>on request</i>	
FCC2 - e5500 implementation	3 days	2290 € HT			<i>on request</i>	
FCQ8 - T1024 QorIQ implementation	5 days	2930 € HT			<i>on request</i>	
FCQ5 - P4080 QorIQ implementation	6 days	3250 € HT			<i>on request</i>	
FCC1 - e500mc implementation	3 days	1650 € HT			<i>on request</i>	

Connectivity						
Course	Duration	Cost	2023			
			June	July	August	September
IA3 - MIL-STD 1553B	2 days	1790 € HT			<i>on request</i>	
IC4 - PCI Express 3.0	4 days	2370 € HT			<i>on request</i>	
IP2 - USB 2.0	4 days	2370 € HT			<i>on request</i>	
IA1 - CAN bus	2 days	1880 € HT			<i>on request</i>	
I0 - New digital buses	1 day	1500 € HT			<i>on request</i>	
IP3 - USB 3.0	4 days	2610 € HT			<i>on request</i>	
IC1 - PCI 3.0	3 days	2130 € HT			<i>on request</i>	
IM1 - HDMI 1.4a	2 days	1970 € HT			<i>on request</i>	

Network						
Course	Duration	Cost	2023			
			June	July	August	September
<u>N1 - Ethernet and switching</u>	<u>4 days</u>	2370 € HT			<u>on request</u>	
<u>N3 - Ethernet 10 Gigabit</u>	<u>3 days</u>	2390 € HT			<u>on request</u>	
<u>N2 - IEEE1588 - Precise Time Protocol</u>	<u>1 day</u>	1650 € HT			<u>on request</u>	
Storage						
Course	Duration	Cost	2023			
			June	July	August	September
<u>IS2 - eMMC 5.0</u>	<u>2 days</u>	1400 € HT			<u>on request</u>	
<u>IS4 - Universal Flash Storage (UFS 2.0)</u>	<u>3 days</u>	2180 € HT			<u>on request</u>	
<u>IS5 - SD UHS II (Ultra High Speed II)</u>	<u>2 days</u>	1970 € HT			<u>on request</u>	
<u>IS3 - Serial ATA III</u>	<u>2 days</u>	1880 € HT			<u>on request</u>	