



Languages					
Course	Duration	Cost	2024		
			May	June	July
oL2 - C Language for Embedded MCUs	24 hours	2360 € HT	28-31- Online EurAsia		
oL3 - Embedded C++ Programming	18 hours	2290 € HT		<i>on request</i>	
oL9 - Parallel programming with OpenCL	24 hours	2400 € HT		<i>on request</i>	
oL10 - Embedded Modern C++ Programming	12 hours	2070 € HT		<i>on request</i>	
oL30 - Classic and Modern C++ for Embedded Systems	30 hours	3070 € HT		<i>on request</i>	

Programmable Logic					
Course	Duration	Cost	2024		
			May	June	July
oRV1 - RISC-V Architecture	18 hours	2620 € HT		<i>on request</i>	
oV1 - VHDL Language basics	24 hours	2740 € HT		<i>on request</i>	
oV2 - Advanced VHDL for FPGA	18 hours	2510 € HT		<i>on request</i>	

Embarqué et Temps-Réel					
Course	Duration	Cost	2024		
			May	June	July
oRT1 - Linux Real-Time and Multi-Core programming	30 hours	2790 € HT		<i>on request</i>	
oRT3 - Real Time Programming with FreeRTOS	24 hours	2290 € HT		10-13- Online EurAsia 25-28 - Online USA	
oRT5 - Zephyr Real Time Programming	30 hours	3070 € HT	06-10- Online USA	10-14- Online EurAsia	
oRT6 - Real Time Programming with Eclipse ThreadX	18 hours	2510 € HT	28-30- Online USA		
oSTG - STM32 + FreeRTOS + LwIP	30 hours	3070 € HT		<i>on request</i>	

Safety and security					
Course	Duration	Cost	2024		
			May	June	July
oSEC1 - Secure C/C++ Development for Embedded Systems	18 hours	2400 € HT		17-19- Online EurAsia	
oSEC2 - Advanced Embedded Systems Security	12 hours	2160 € HT		20-21- Online EurAsia	
oSEC12 - Comprehensive Secure Systems Programming	30 hours	3210 € HT		17-19/06 and 29-30/04- Online EurAsia	
oSEC3 - wolfSSL for Embedded Security	18 hours	2400 € HT		<i>on request</i>	
oSEC4 - Advanced wolfSSL for Embedded Security	12 hours	2070 € HT		<i>on request</i>	
oSEC34 - Comprehensive Security with WolfSSL	30 hours	2930 € HT		<i>on request</i>	
oSEC5 - Embedded Security for STM32-based devices	12 hours	2260 € HT		<i>on request</i>	
oSEC6 - Embedded Security for NXP i.MX-based processors	12 hours	2260 € HT		<i>on request</i>	
oSEC7 - ARM TrustZone for Cortex-M based devices	6 hours	1890 € HT		<i>on request</i>	
oSEC8 - Secured Embedded Linux Platform Build	12 hours	2260 € HT		<i>on request</i>	
Linux					
Course	Duration	Cost	2024		
			May	June	July
oD0 - Linux User Mode Programming	24 hours	2360 € HT		<i>on request</i>	
oD1 - Embedded Linux	12 hours	2070 € HT		<i>on request</i>	
oD1Y - Embedded Linux using Yocto	30 hours	2930 € HT		<i>on request</i>	
oD3 - Linux Drivers	24 hours	2760 € HT	21-24- Online EurAsia		
oY1 - Yocto Project Development	18 hours	2400 € HT		<i>on request</i>	
oY2 - Yocto Project Expert	12 hours	2070 € HT		<i>on request</i>	
oY12 - Comprehensive Yocto Project Usage	30 hours	3210 € HT		<i>on request</i>	
System Workbench					
Course	Duration	Cost	2024		
			May	June	July
SW1 - System Workbench for Linux	1 day	750 € HT		<i>on request</i>	
Android					
Course	Duration	Cost	2024		
			May	June	July
G1 - Android Installation	3 days	2180 € HT		<i>on request</i>	
G2 - Android Programming	5 days	2790 € HT		<i>on request</i>	
G3 - Android Internals	5 days	3210 € HT		<i>on request</i>	
G5 - Android for Industrial System Control	4 days	2860 € HT		<i>on request</i>	

Linux					
Course	Duration	Cost	2024		
			May	June	July
D0 - Linux user mode programming	4 days	2360 € HT		<i>on request</i>	
D1 - Embedded Linux with Buildroot and Yocto	4 days	2490 € HT		<i>on request</i>	
D1S - Embedded Linux with Ac6 System Workbench	3 days	2070 € HT		<i>on request</i>	
D1Y - Embedded Linux with Yocto	5 days	2930 € HT		<i>on request</i>	
D3 - Linux Drivers	4 days	2740 € HT		<i>on request</i>	
D4 - Real-time Linux	4 days	2610 € HT		<i>on request</i>	
D5 - Embedded GUI	3 days	2180 € HT		<i>on request</i>	
D7 - Power Management in Linux Drivers	2 days	2160 € HT		<i>on request</i>	
D8 - USB Linux Drivers	3 days	2400 € HT		<i>on request</i>	
Q1 - Embedded GUIs with Qt	4 days	2370 € HT		<i>on request</i>	
Y1 - Yocto Project Development	3 days	2400 € HT		<i>on request</i>	
Y2 - Yocto Project Expert	2 days	2070 € HT		<i>on request</i>	
Y12 - Comprehensive Yocto Project Usage	5 days	3210 € HT		<i>on request</i>	
RTOS					
Course	Duration	Cost	2024		
			May	June	July
IOT1 - Internet of Things (IOT) on Microcontrollers	3 days	2400 € HT		<i>on request</i>	
Methods					
Course	Duration	Cost	2024		
			May	June	July
C7 - UML Real-Time	4 days	2490 € HT			22-25- Paris
C8 - Critical Systems Safety	3 days	2400 € HT		<i>on request</i>	
C9 - Software Architecture with UML	4 days	2740 € HT		<i>on request</i>	
E1 - Eclipse	3 days	1750 € HT		<i>on request</i>	

Languages					
Course	Duration	Cost	2024		
			May	June	July
L2 - C language for Embedded MCUs	4 days	2360 € HT		<i>on request</i>	
L3 - Embedded C++	3 days	2290 € HT		<i>on request</i>	
L4 - Industrial Java	4 days	2610 € HT		<i>on request</i>	
L4G - Java for Android	2 days	1970 € HT		<i>on request</i>	
L5 - Java Temps Réel	3 days	2290 € HT		<i>on request</i>	
L8 - Python	4 days	2740 € HT		<i>on request</i>	
L9 - OpenCL	3 days	2400 € HT		<i>on request</i>	
L10 - Embedded Modern C++ Programming	2 days	2070 € HT		<i>on request</i>	
L30 - Classic and Modern C++ for Embedded Systems	5 days	3070 € HT		<i>on request</i>	
Safety and security					
Course	Duration	Cost	2024		
			May	June	July
SEC1 - Developing C/C++ Secure Embedded Systems	18 hours	2400 € HT		<i>on request</i>	
SEC2 - Advanced Embedded Systems Security	12 hours	2160 € HT		<i>on request</i>	
SEC12 - Comprehensive Secure Systems Programming	30 hours	3210 € HT		<i>on request</i>	
SEC3 - wolfSSL for Embedded Security	18 hours	2400 € HT		<i>on request</i>	
SEC4 - Advanced wolfSSL for Embedded Security	2 days	2070 € HT		<i>on request</i>	
SEC34 - Comprehensive Security with WolfSSL	5 days	2930 € HT		<i>on request</i>	
SEC5 - Embedded Security for STM32-based devices	2 days	2260 € HT		<i>on request</i>	
SEC6 - Embedded Security for NXP i.MX-based processors	2 days	2260 € HT		<i>on request</i>	
SEC7 - ARM TrustZone for Cortex-M based devices	1 day	1890 € HT		<i>on request</i>	
SEC8 - Secured Embedded Linux Platform Build	2 days	2260 € HT		<i>on request</i>	
Real-Time					
Course	Duration	Cost	2024		
			May	June	July
MC4 - Multi-Core Programming with OSEK/VDX and AutoSAR	3 days	2290 € HT		<i>on request</i>	
RT1 - Real Time and Multi-Core programming	5 days	2790 € HT		<i>on request</i>	
RT3 - FreeRTOS Real Time Programming	3 days	2180 € HT		<i>on request</i>	
RT5 - Zephyr Real Time Programming	5 days	3070 € HT		<i>on request</i>	
RT6 - Real Time Programming with Eclipse ThreadX	3 days	2510 € HT		<i>on request</i>	

Internet					
Course	Duration	Cost	2024		
			May	June	July
<a href="#">STS1 - LwIP Implementation</a>	2 days	1970 € HT		<i>on request</i>	

Programmable Logic					
Course	Duration	Cost	2024		
			May	June	July
<a href="#">ALT1 - CYCLONE-V CORTEX-A9 HARD PROCESSOR SYSTEM</a>	5 days	2790 € HT		<i>on request</i>	
<a href="#">H1 - Lattice Mico32 FPGA embedded processor</a>	3 days	2180 € HT		<i>on request</i>	
<a href="#">H2 - Lattice Diamond</a>	2 days	1880 € HT		<i>on request</i>	
<a href="#">HX4 - AMD (Xilinx) - Microblaze implementation</a>	2 days	1970 € HT		<i>on request</i>	
<a href="#">HX5 - AMD Zynq All Programmable SoC: Hardware and Software Design</a>	2 days	2160 € HT		<i>on request</i>	
<a href="#">MSP - Microchip SmartFusion2 Programming</a>	3 days	2400 € HT		<i>on request</i>	
<a href="#">RV1 - RISC-V Architecture</a>	3 days	2620 € HT		<i>on request</i>	
<a href="#">V0 - Programmable components fundamentals</a>	2 days	2070 € HT		<i>on request</i>	
<a href="#">V1 - VHDL Language Basics</a>	4 days	2740 € HT		<i>on request</i>	
<a href="#">V2 - Advanced VHDL for FPGA</a>	3 days	2510 € HT		<i>on request</i>	
<a href="#">V3 - Design with SystemC</a>	4 days	2490 € HT		<i>on request</i>	

ARM Cores					
Course	Duration	Cost	2024		
			May	June	July
<a href="#">AAA - ARM Cortex-A and R Architecture</a>	4 days	2490 € HT		<i>on request</i>	
<a href="#">AAM - ARM Cortex-M Architecture</a>	4 days	2490 € HT		<i>on request</i>	
<a href="#">RA0 - Cortex-A5 implementation</a>	4 days	2370 € HT		<i>on request</i>	
<a href="#">RA1 - Cortex-A8 implementation</a>	3 days	2080 € HT		<i>on request</i>	
<a href="#">RA2 - Cortex-A9 implementation</a>	4 days	2370 € HT		<i>on request</i>	
<a href="#">RA3 - Cortex-A15 implementation</a>	4 days	2370 € HT		<i>on request</i>	
<a href="#">RA4 - Cortex-A7 implementation</a>	4 days	2370 € HT		<i>on request</i>	
<a href="#">RA5 - Cortex-A17 implementation</a>	4 days	2490 € HT		<i>on request</i>	
<a href="#">RA6 - CORTEX-A57 implementation, ARM Architecture V8</a>	4 days	2610 € HT		<i>on request</i>	
<a href="#">RA7 - CORTEX-A53 implementation, ARM Architecture V8</a>	4 days	2610 € HT		<i>on request</i>	
<a href="#">RA8 - CORTEX-A72 implementation, ARM Architecture V8</a>	4 days	2730 € HT		<i>on request</i>	
<a href="#">RA9 - CORTEX-A73 implementation, ARM Architecture V8</a>	4 days	2730 € HT		<i>on request</i>	
<a href="#">RC1 - NEON-v7 programming</a>	2 days	1880 € HT		<i>on request</i>	
<a href="#">RC2 - NEON-v8 programming</a>	2 days	1970 € HT		<i>on request</i>	
<a href="#">RI0 - AXI3 / AXI4 INTERCONNECT</a>	2 days	1970 € HT		<i>on request</i>	
<a href="#">RM0 - Cortex-M0 / Cortex-M0+ implementation</a>	2 days	1880 € HT		<i>on request</i>	

<a href="#">RM1 - Cortex-M1 implementation</a>	3 days	2180 € HT	<i>on request</i>
<a href="#">RM2 - Cortex-M3 implementation</a>	4 days	2490 € HT	<i>on request</i>
<a href="#">RM3 - Cortex-M4 / Cortex-M4F implementation</a>	4 days	2610 € HT	<i>on request</i>
<a href="#">RM4 - Cortex-M7 implementation</a>	4 days	2740 € HT	<i>on request</i>
<a href="#">RM5 - Cortex-M33 Implementation</a>	4 days	2860 € HT	<i>on request</i>
<a href="#">RR0 - Cortex-R4 implementation</a>	3 days	2180 € HT	<i>on request</i>
<a href="#">RR1 - Cortex-R5 implementation</a>	3 days	2290 € HT	<i>on request</i>
<a href="#">RR2 - Cortex-R7 implementation</a>	3 days	2400 € HT	<i>on request</i>

### NXP ARM SoCs

Course	Duration	Cost	2024		
			May	June	July
<a href="#">FA4 - i.MX6 Implementation</a>	5 days	2790 € HT		<i>on request</i>	
<a href="#">FA5 - i.MX8m Implementation</a>	5 days	2930 € HT		<i>on request</i>	
<a href="#">FA6 - i.MX8 Max Implementation</a>	5 days	3210 € HT		<i>on request</i>	
<a href="#">FK1 - Kinetis MCU Implementation</a>	5 days	2790 € HT		<i>on request</i>	
<a href="#">FK2 - Kinetis KL26z MCU Implementation</a>	4 days	2490 € HT		<i>on request</i>	
<a href="#">FQ1 - LS1021A QorIQ implementation</a>	5 days	2930 € HT		<i>on request</i>	
<a href="#">NP1 - LPC21XX/LPC22XX microcontroller implementation</a>	4 days	2370 € HT		<i>on request</i>	
<a href="#">NP2 - LPC17xx microcontroller implementation</a>	4 days	2370 € HT		<i>on request</i>	

### ST processors

Course	Duration	Cost	2024		
			May	June	July
<a href="#">STG - STM32 + FreeRTOS + LwIP</a>	5 days	3070 € HT		<i>on request</i>	
<a href="#">STR4 - STM32 F0-Series implementation</a>	4 days	2740 € HT		<i>on request</i>	
<a href="#">STR5 - STM32 F1-Series implementation</a>	5 days	3070 € HT		<i>on request</i>	
<a href="#">STR6 - STM32 F2-Series implementation</a>	4 days	2740 € HT		<i>on request</i>	
<a href="#">STR7 - STM32 F4-Series implementation</a>	4 days	2610 € HT		<i>on request</i>	
<a href="#">STR8 - STM32MP15 Implementation</a>	5 days	3070 € HT		<i>on request</i>	
<a href="#">STR9 - STM32 Peripherals</a>	5 days	3070 € HT		<i>on request</i>	

### TI processors

Course	Duration	Cost	2024		
			May	June	July
<a href="#">TI3 - Cortex M4 Texas Instruments Implementation and TI-RTOS</a>	4 days	2740 € HT		<i>on request</i>	
<a href="#">TK1 - KEYSTONE II IMPLEMENTATION</a>	4 days	2490 € HT		<i>on request</i>	

NXP Power CPUs					
Course	Duration	Cost	2024		
			May	June	July
FCC1 - e500mc implementation	3 days	1650 € HT		<i>on request</i>	
FCC2 - e5500 implementation	3 days	2290 € 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>	
FCQ2 - P2020 QorIQ implementation	5 days	2930 € HT		<i>on request</i>	
FCQ3 - P204X QorIQ implementation	6 days	3250 € HT		<i>on request</i>	
FCQ4 - P3041 QorIQ implementation	6 days	3250 € HT		<i>on request</i>	
FCQ5 - P4080 QorIQ implementation	6 days	3250 € HT		<i>on request</i>	
FCQ6 - P5020 QorIQ implementation	6 days	3250 € HT		<i>on request</i>	
FCQ7 - T4240 QorIQ implementation	6 days	3250 € HT		<i>on request</i>	
FCQ8 - T1024 QorIQ implementation	5 days	2930 € HT		<i>on request</i>	
FCQ9 - T2081 QorIQ implementation	5 days	2930 € HT		<i>on request</i>	
FCQ10 - T1040 QorIQ implementation	7 days	3560 € HT		<i>on request</i>	
FCQ11 - P102X QorIQ implementation	6 days	3250 € HT		<i>on request</i>	
Connectivity					
Course	Duration	Cost	2024		
			May	June	July
I0 - New digital buses	1 day	1500 € HT		<i>on request</i>	
IA1 - CAN bus	2 days	1970 € HT		<i>on request</i>	
IA3 - MIL-STD 1553B	2 days	1880 € HT		<i>on request</i>	
IC1 - PCI 3.0	3 days	2130 € HT		<i>on request</i>	
IC4 - PCI Express 3.0	4 days	2490 € HT		<i>on request</i>	
IM1 - HDMI 1.4a	2 days	2070 € HT		<i>on request</i>	
IP1 - FireWire	4 days	2740 € HT		<i>on request</i>	
IP2 - USB 2.0	4 days	2490 € HT		<i>on request</i>	
IP3 - USB 3.0	4 days	2740 € HT		<i>on request</i>	
Network					
Course	Duration	Cost	2024		
			May	June	July
N1 - Ethernet and switching	4 days	2490 € HT		<i>on request</i>	
N2 - IEEE1588 - Precise Time Protocol	1 day	1730 € HT		<i>on request</i>	
N3 - Ethernet 10 Gigabit	3 days	2400 € HT		<i>on request</i>	

Storage					
Course	Duration	Cost	2024		
			May	June	July
IS2 - eMMC 5.0	2 days	1400 € HT		<i>on request</i>	
IS3 - Serial ATA III	2 days	1880 € HT		<i>on request</i>	
IS4 - Universal Flash Storage (UFS 2.0)	3 days	2180 € HT		<i>on request</i>	
IS5 - SD UHS II (Ultra High Speed II)	2 days	1970 € HT		<i>on request</i>	