

```
.calendar { width: 100%; border-collapse: collapse; } .calendar th, .calendar td { border: 1px solid #ddd; padding: 8px; } .calendar th { background-color: #f2f2f2; text-align: center; } .calendar tr:nth-child(even) { background-color: #f9f9f9; } .calendar tr:hover { background-color: #ddd; } .calendar .cal_header { background-color: #4CAF50; color: white; } .calendar .cal_category { background-color: #2196F3; color: white; } .calendar .cal_col_header { background-color: #f2f2f2; } .calendar .cal_c_even { background-color: #ffffff; } .calendar .cal_c_odd { background-color: #f9f9f9; } .calendar .cal_c_even_s_even, .calendar .cal_c_even_s_odd, .calendar .cal_c_odd_s_even, .calendar .cal_c_odd_s_odd { background-color: #ffffff; } .calendar a { color: #2196F3; text-decoration: none; } .calendar a:hover { text-decoration: underline; }
```

| Safety and security | | | | |
|---|----------|-------------------|-----------------------------|----------------|
| Course | Duration | Sessions | | |
| | | Dates | Location | Town |
| oC1 - Effective MISRA C | 20 hours | 22-24/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| oC2 - MISRA Compliance for Project Managers | 6 hours | <i>on request</i> | | |
| oSEC10 - Cyber Resilience Act (CRA) Compliance for Embedded Systems | 1 day | 10/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| oSEC1 - Secure C/C++ Development for Embedded Systems | 18 hours | 18-20/05 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 15-17/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 21-22/05 | Online EurAsia (9h-16h CET) | Online EurAsia |
| oSEC2 - Advanced Embedded Systems Security | 12 hours | 11-12/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 18-19/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 18-22/05 | Online EurAsia (9h-16h CET) | Online EurAsia |
| oSEC12 - Comprehensive Secure Systems Programming | 30 hours | 08-12/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 15-19/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | <i>on request</i> | | |
| oSEC5 - Embedded Security for STM32-based devices | 12 hours | <i>on request</i> | | |
| oSEC6 - Embedded Security for NXP i.MX-based processors | 12 hours | <i>on request</i> | | |
| oSEC7 - ARM TrustZone for Cortex-M based devices | 6 hours | <i>on request</i> | | |
| oSEC8 - Secured Embedded Linux Platform Build | 12 hours | <i>on request</i> | | |
| oSEC9 - Advanced Embedded Linux Security | 3 days | <i>on request</i> | | |

| Languages | | | | |
|--|----------|-------------------|-----------------------------|----------------|
| Course | Duration | Sessions | | |
| | | Dates | Location | Town |
| oL2 - C Language for Embedded MCUs | 24 hours | <i>on request</i> | | |
| oL3 - Embedded C++ Programming | 18 hours | 22-24/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| oL9 - OpenCL | 20 hours | <i>on request</i> | | |
| oL10 - Embedded Modern C++ Programming | 12 hours | 25-26/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| oL30 - Classic and Modern C++ for Embedded Systems | 30 hours | 22-26/06 | Online EurAsia (9h-16h CET) | Online EurAsia |

| FPGA | | | | |
|--|----------|-------------------|----------|------|
| Course | Duration | Sessions | | |
| | | Dates | Location | Town |
| oRV1 - RISC-V Architecture | 18 hours | <i>on request</i> | | |
| oV1 - VHDL Language basics | 24 hours | <i>on request</i> | | |
| oV2 - Advanced VHDL for FPGA | 18 hours | <i>on request</i> | | |

| Real-Time | | | | |
|---|----------|-------------------|-----------------------------|----------------|
| Course | Duration | Sessions | | |
| | | Dates | Location | Town |
| oRT1 - Linux Real-Time and Multi-Core programming | 30 hours | <i>on request</i> | | |
| oRT3 - Real Time Programming with FreeRTOS | 3 days | 15-17/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 13-15/07 | Online EurAsia (9h-16h CET) | Online EurAsia |

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|---|----------|-------------|---------------------------------|----------------|
| oRT5 - Zephyr RTOS Programming | 30 hours | 18-22/05 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 15-19/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 06-10/07 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 13-17/07 | Online USA (8am to 3pm Pacific) | Online USA |
| | | 10-14/08 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 21-25/09 | Online EurAsia (9h-16h CET) | Online EurAsia |
| oRT6 - Real Time Programming with Eclipse ThreadX | 18 hours | 29/06-01/07 | Online EurAsia (9h-16h CET) | Online EurAsia |
| oSTG - STM32 + FreeRTOS + LwIP | 30 hours | 15-19/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 13-17/07 | Online EurAsia (9h-16h CET) | Online EurAsia |

Linux

| Course | Duration | Sessions | | |
|--|----------|-------------------|----------|--------------------|
| | | Dates | Location | Town |
| oD0 - Linux User Mode Programming | 24 hours | <i>on request</i> | | |
| oD1 - Embedded Linux | 12 hours | <i>on request</i> | | |
| oD1Y - Embedded Linux using Yocto | 30 hours | <i>on request</i> | | |
| oD3 - Linux Drivers | 24 hours | 26-29/05 | Ac6 | Courbevoie / Paris |
| oY1 - Yocto Project Development | 18 hours | <i>on request</i> | | |
| oY2 - Yocto Project Expert | 12 hours | <i>on request</i> | | |
| oY12 - Comprehensive Yocto Project Usage | 30 hours | <i>on request</i> | | |

Android

| Course | Duration | Sessions | | |
|--|----------|-------------------|----------|--------------------|
| | | Dates | Location | Town |
| G2 - Android Programming | 5 days | <i>on request</i> | | |
| G3 - Android Internals | 5 days | 29/06-03/07 | Ac6 | Courbevoie / Paris |
| G5 - Android for Industrial System Control | 4 days | <i>on request</i> | | |

Linux

| Course | Duration | Sessions | | |
|--|----------|-------------------|----------|--------------------|
| | | Dates | Location | Town |
| D0 - Linux user mode programming | 4 days | <i>on request</i> | | |
| D1 - Embedded Linux with Buildroot and Yocto | 4 days | <i>on request</i> | | |
| D1S - Embedded Linux with Ac6 System Workbench | 3 days | <i>on request</i> | | |
| D1Y - Embedded Linux with Yocto | 5 days | <i>on request</i> | | |
| D3 - Linux Drivers | 4 days | 26-29/05 | Ac6 | Courbevoie / Paris |
| D4 - Real-time Linux | 4 days | <i>on request</i> | | |
| D5 - Embedded GUI | 3 days | <i>on request</i> | | |
| D7 - Power Management in Linux Drivers | 2 days | <i>on request</i> | | |
| D8 - USB Linux Drivers | 3 days | <i>on request</i> | | |
| Q1 - Embedded GUIs with Qt | 4 days | <i>on request</i> | | |
| Y1 - Yocto Project Development | 3 days | <i>on request</i> | | |
| Y2 - Yocto Project Expert | 2 days | <i>on request</i> | | |
| Y12 - Comprehensive Yocto Project Usage | 5 days | <i>on request</i> | | |

RTOS

| Course | Duration | Sessions | | |
|---|----------|----------|---------------------------------|------------|
| | | Dates | Location | Town |
| IOT1 - Internet of Things (IOT) on Microcontrollers | 3 days | 02-04/06 | Online USA (8am to 3pm Pacific) | Online USA |

Safety and security

| Course | Duration | Sessions | | |
|---|----------|-------------------|-----------------------------|----------------|
| | | Dates | Location | Town |
| C1 - Effective MISRA C | 2 days | 22-23/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| C2 - MISRA Compliance for Project Managers | 1 day | <i>on request</i> | | |
| SEC1 - Developing C/C++ Secure Embedded Systems | 18 hours | 18-20/05 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 15-17/06 | Online EurAsia (9h-16h CET) | Online EurAsia |

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|--|----------|----------|-----------------------------|----------------|
| SEC10 - Cyber Resilience Act (CRA) Compliance for Embedded Systems | 1 day | 10/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| SEC2 - Advanced Embedded Systems Security | 12 hours | 21-22/05 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 11-12/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 18-19/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| SEC12 - Comprehensive Secure Systems Programming | 30 hours | 18-22/05 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 08-12/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 15-19/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| SEC6 - Embedded Security for NXP i.MX-based processors | 2 days | | <i>on request</i> | |
| SEC7 - ARM TrustZone for Cortex-M based devices | 1 day | | <i>on request</i> | |
| SEC8 - Secured Embedded Linux Platform Build | 2 days | | <i>on request</i> | |
| SEC9 - Advanced Embedded Linux Security | 3 days | | <i>on request</i> | |
| SEC11 - NIS2 for Embedded | 1 day | | <i>on request</i> | |

Languages

| Course | Duration | Sessions | | |
|---|----------|----------|-----------------------------|----------------|
| | | Dates | Location | Town |
| L2 - C language for Embedded MCUs | 4 days | | <i>on request</i> | |
| L3 - Embedded C++ | 3 days | 22-24/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| L4 - Industrial Java | 4 days | | <i>on request</i> | |
| L4G - Java for Android | 2 days | | <i>on request</i> | |
| L8 - Python | 4 days | | <i>on request</i> | |
| L9 - OpenCL | 3 days | | <i>on request</i> | |
| L10 - Embedded Modern C++ Programming | 2 days | 25-26/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| L30 - Classic and Modern C++ for Embedded Systems | 5 days | 22-26/06 | Online EurAsia (9h-16h CET) | Online EurAsia |

Methods

| Course | Duration | Sessions | | |
|-------------------------------------|----------|----------|-------------------|------|
| | | Dates | Location | Town |
| C7 - UML Real-Time | 4 days | | <i>on request</i> | |
| C8 - Critical Systems Safety | 3 days | | <i>on request</i> | |
| C9 - Software Architecture with UML | 4 days | | <i>on request</i> | |
| E1 - Eclipse | 3 days | | <i>on request</i> | |

Real-Time

| Course | Duration | Sessions | | |
|--|----------|-------------|---------------------------------|----------------|
| | | Dates | Location | Town |
| MC4 - Multi-Core Programming with OSEK/VDX and AutoSAR | 3 days | | <i>on request</i> | |
| NR3 - NXP + FreeRTOS + West | 5 days | | <i>on request</i> | |
| NR6 - NXP + ThreadX + West | 5 days | | <i>on request</i> | |
| NRF5 - nRF Connect SDK Programming | 5 days | | <i>on request</i> | |
| RT1 - Real Time and Multi-Core programming | 5 days | | <i>on request</i> | |
| RT3 - FreeRTOS Real Time Programming | 3 days | 15-17/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 13-15/07 | Online EurAsia (9h-16h CET) | Online EurAsia |
| RT5 - Zephyr RTOS Programming | 5 days | 18-22/05 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 15-19/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 06-10/07 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 13-17/07 | Online USA (8am to 3pm Pacific) | Online USA |
| | | 10-14/08 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 21-25/09 | Online EurAsia (9h-16h CET) | Online EurAsia |
| RT6 - Real Time Programming with Eclipse ThreadX | 3 days | 29/06-01/07 | Online EurAsia (9h-16h CET) | Online EurAsia |
| RT7 - Real Time Programming with RT-Thread | 3 days | | <i>on request</i> | |
| RTW - West, MCUXpresso SDK and Kconfig | 2 days | | <i>on request</i> | |

FPGA

| Course | Duration | Sessions | | |
|--|----------|----------|-------------------|------|
| | | Dates | Location | Town |
| ALT1 - CYCLONE-V CORTEX-A9 HARD PROCESSOR SYSTEM | 5 days | | <i>on request</i> | |
| ALT2 - FPGA Nios (Nios II / Nios V) implementation | 3 days | | <i>on request</i> | |

| | | |
|---|--------|----------------------------|
| H1 - Lattice Mico32 FPGA embedded processor | 3 days | on request |
| H2 - Lattice Diamond | 2 days | on request |
| HX4 - AMD (Xilinx) - Microblaze implementation | 2 days | on request |
| HX5 - AMD Zynq All Programmable SoC: Hardware and Software Design | 2 days | on request |
| MSP - Microchip SmartFusion2 Programming | 3 days | on request |
| RV1 - RISC-V Architecture | 3 days | on request |
| V0 - Programmable components fundamentals | 2 days | on request |
| V1 - VHDL Language Basics | 4 days | on request |
| U1 - SystemVerilog | 4 days | on request |
| U2 - UVM | 4 days | on request |
| V2 - Advanced VHDL for FPGA | 3 days | on request |
| V3 - Design with SystemC | 4 days | on request |
| V4 - FPGA Optimization | 4 days | on request |

ARM Cores

| Course | Duration | Sessions | | |
|--|----------|----------|----------|----------------------------|
| | | Dates | Location | Town |
| AAA - ARM Cortex-A and R Architecture (v7/v8) | 4 days | | | on request |
| AAM - ARM Cortex-M Architecture (v7/v8) | 4 days | | | on request |
| RA0 - Cortex-A5 implementation | 4 days | | | on request |
| RA1 - Cortex-A8 implementation | 3 days | | | on request |
| RA2 - Cortex-A9 implementation | 4 days | | | on request |
| RA3 - Cortex-A15 implementation | 4 days | | | on request |
| RA4 - Cortex-A7 implementation | 4 days | | | on request |
| RA5 - Cortex-A17 implementation | 4 days | | | on request |
| RA6 - CORTEX-A57 implementation, ARM Architecture V8 | 4 days | | | on request |
| RA7 - CORTEX-A53 implementation, ARM Architecture V8 | 4 days | | | on request |
| RA8 - CORTEX-A72 implementation, ARM Architecture V8 | 4 days | | | on request |
| RA9 - CORTEX-A73 implementation, ARM Architecture V8 | 4 days | | | on request |
| RC1 - NEON-v7 programming | 2 days | | | on request |
| RC2 - NEON-v8 programming | 2 days | | | on request |
| RI0 - AXI3 / AXI4 INTERCONNECT | 2 days | | | on request |
| RM0 - Cortex-M0 / Cortex-M0+ implementation | 2 days | | | on request |
| RM1 - Cortex-M1 implementation | 3 days | | | on request |
| RM2 - Cortex-M3 implementation | 4 days | | | on request |
| RM3 - Cortex-M4 / Cortex-M4F implementation | 4 days | | | on request |
| RM4 - Cortex-M7 implementation | 4 days | | | on request |
| RM5 - Cortex-M33 Implementation | 4 days | | | on request |
| RR0 - Cortex-R4 implementation | 3 days | | | on request |
| RR1 - Cortex-R5 implementation | 3 days | | | on request |
| RR2 - Cortex-R7 implementation | 3 days | | | on request |
| RR3 - ARM Cortex-R52/R52+ Implementation and software design | 3 days | | | on request |

STM32

| Course | Duration | Sessions | | |
|---------------------------------------|----------|----------|-----------------------------|----------------------------|
| | | Dates | Location | Town |
| STG - STM32 + FreeRTOS + LwIP | 5 days | 15-19/06 | Online EurAsia (9h-16h CET) | Online EurAsia |
| | | 13-17/07 | Online EurAsia (9h-16h CET) | Online EurAsia |
| STR7 - STM32 F4-Series implementation | 4 days | | | on request |
| STR8 - STM32MP15 Implementation | 5 days | | | on request |
| STR9 - STM32 Peripherals | 5 days | | | on request |
| STR10 - STM32F7 | 3 days | | | on request |
| STR11 - STM32H7 | 3 days | | | on request |
| STR12 - STM32H5 | 3 days | | | on request |
| STR13 - STM32U5 | 3 days | | | on request |
| STR14 - STM32G0 | 3 days | | | on request |
| STR15 - STM32G4 | 3 days | | | on request |
| STR16 - STM32L0 | 3 days | | | on request |
| STR17 - STM32L1 | 3 days | | | on request |

| | | |
|-------------------------------------|--------|-------------------|
| STR18 - STM32 L4/L4+ implementation | 4 days | <i>on request</i> |
| STR19 - STM32L5 | 3 days | <i>on request</i> |
| STR20 - STM32WB (BLE/Thread/Zigbee) | 3 days | <i>on request</i> |
| STR21 - STM32WL (Sub-GHz/LoRa) | 3 days | <i>on request</i> |
| STR22 - STM32WBA (BLE 5.4) | 3 days | <i>on request</i> |
| STR23 - STM32MP2 Implementation | 5 days | <i>on request</i> |

TI SoCs

| Course | Duration | Sessions | | |
|--|----------|----------|-------------------|------|
| | | Dates | Location | Town |
| TI3 - Cortex M4 Texas Instruments Implementation and TI-RTOS | 4 days | | <i>on request</i> | |
| TK1 - KEYSTONE II IMPLEMENTATION | 4 days | | <i>on request</i> | |

NXP ARM

| Course | Duration | Sessions | | |
|--|----------|----------|-------------------|------|
| | | Dates | Location | Town |
| FA4 - i.MX6 Implementation | 5 days | | <i>on request</i> | |
| FA5 - i.MX8m Implementation | 5 days | | <i>on request</i> | |
| FA6 - i.MX8 Max Implementation | 5 days | | <i>on request</i> | |
| FK1 - Kinetis MCU Implementation | 5 days | | <i>on request</i> | |
| FK2 - Kinetis KL26z MCU Implementation | 4 days | | <i>on request</i> | |
| FQ1 - LS1021A QorIQ implementation | 5 days | | <i>on request</i> | |
| NP1 - LPC21XX/LPC22XX microcontroller implementation | 4 days | | <i>on request</i> | |
| NP2 - LPC17xx microcontroller implementation | 4 days | | <i>on request</i> | |

NXP Power

| Course | Duration | Sessions | | |
|------------------------------------|----------|----------|-------------------|------|
| | | Dates | Location | Town |
| FCC1 - e500mc implementation | 3 days | | <i>on request</i> | |
| FCC2 - e5500 implementation | 3 days | | <i>on request</i> | |
| FCC4 - e6500 implementation | 3 days | | <i>on request</i> | |
| FCQ1 - P101X QorIQ implementation | 5 days | | <i>on request</i> | |
| FCQ2 - P2020 QorIQ implementation | 5 days | | <i>on request</i> | |
| FCQ3 - P204X QorIQ implementation | 6 days | | <i>on request</i> | |
| FCQ4 - P3041 QorIQ implementation | 6 days | | <i>on request</i> | |
| FCQ5 - P4080 QorIQ implementation | 6 days | | <i>on request</i> | |
| FCQ6 - P5020 QorIQ implementation | 6 days | | <i>on request</i> | |
| FCQ7 - T4240 QorIQ implementation | 6 days | | <i>on request</i> | |
| FCQ8 - T1024 QorIQ implementation | 5 days | | <i>on request</i> | |
| FCQ9 - T2081 QorIQ implementation | 5 days | | <i>on request</i> | |
| FCQ10 - T1040 QorIQ implementation | 7 days | | <i>on request</i> | |
| FCQ11 - P102X QorIQ implementation | 6 days | | <i>on request</i> | |

Internet

| Course | Duration | Sessions | | |
|----------------------------|----------|----------|-----------------------------|----------------|
| | | Dates | Location | Town |
| STS1 - LwIP Implementation | 2 days | 08-09/06 | Online EurAsia (9h-16h CET) | Online EurAsia |

Connectivity

| Course | Duration | Sessions | | |
|------------------------|----------|----------|-------------------|------|
| | | Dates | Location | Town |
| I0 - New digital buses | 1 day | | <i>on request</i> | |
| IA1 - CAN bus | 2 days | | <i>on request</i> | |
| IA3 - MIL-STD 1553B | 2 days | | <i>on request</i> | |
| IC1 - PCI 3.0 | 3 days | | <i>on request</i> | |
| IC4 - PCI Express 3.0 | 4 days | | <i>on request</i> | |
| IM1 - HDMI 1.4a | 2 days | | <i>on request</i> | |

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|----------------|--------|-------------------|
| IP1 - FireWire | 4 days | <i>on request</i> |
| IP2 - USB 2.0 | 4 days | <i>on request</i> |
| IP3 - USB 3.0 | 4 days | <i>on request</i> |

Network

| Course | Duration | Sessions | | |
|---------------------------------------|----------|----------|----------|-------------------|
| | | Dates | Location | Town |
| N1 - Ethernet and switching | 4 days | | | <i>on request</i> |
| N2 - IEEE1588 - Precise Time Protocol | 1 day | | | <i>on request</i> |
| N3 - Ethernet 10 Gigabit | 3 days | | | <i>on request</i> |

Storage

| Course | Duration | Sessions | | |
|---|----------|----------|----------|-------------------|
| | | Dates | Location | Town |
| IS2 - eMMC 5.0 | 2 days | | | <i>on request</i> |
| IS3 - Serial ATA III | 2 days | | | <i>on request</i> |
| IS4 - Universal Flash Storage (UFS 2.0) | 3 days | | | <i>on request</i> |
| IS5 - SD UHS II (Ultra High Speed II) | 2 days | | | <i>on request</i> |