



Methodologies										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
C7 - UML-RT	4 days	1800 €	<i>on request</i>							
C8 - Sureté des Systèmes Informatiques	2 days	1450 €	15 - 16							
C9 - Software Architecture with UML	4 days	2100 €	<i>on request</i>							
E1 - Eclipse	3 days	1750 €	<i>on request</i>							
Languages										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
L2 - C embarqué	4 days	1900 €	21 - 24	19 - 22						
L3 - C++ embarqué	4 days	1900 €	<i>on request</i>							
L4 - Java industriel	4 days	1900 €	<i>on request</i>							
L5 - Java Temps Réel	3 days	1750 €	<i>on request</i>							
L8 - Le Langage Python	4 days	1900 €	<i>on request</i>							
L9 - OpenCL	2 days	1400 €	<i>on request</i>							

Real time										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
RT1 - Real Time and Multi-Core programming	5 days	2150 €			9 - 13					
RT2 - MQX Real Time Programming	5 days	2100 €		18 - 22				8 - 12		17 - 21
Internet										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
N3I - IPV6	3 days	1650 €	<i>on request</i>							
Android										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
G1 - Android Installation	4 days	2050 €	<i>on request</i>							
G2 - Programmation Android	4 days	2000 €	<i>on request</i>							
G3 - Android Internals	4 days	2150 €	<i>on request</i>							
G4 - Android Porting and Internals	5 days	2400 €	<i>on request</i>							
Linux										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
D0 - Programmation Linux et uClinux	4 days	1950 €	<i>on request</i>							
D1 - Embedded Linux	4 days	--	22 - 25	12 - 15						
D1L - Linux embarqué Freescale avec LTIB	5 days	2200 €	<i>on request</i>							
D2 - Le shell Linux	3 days	1650 €	<i>on request</i>							
D3 - Drivers Linux	4 days	2000 €	29 - 1	19 - 22						

D4 - Linux temps-réel Xenomai	4 days	1950 €	<i>on request</i>						
D5 - Embedded GUI	3 days	1850 €	<i>on request</i>						
D7 - Linux drivers hotplug and power management	4 days	2050 €	<i>on request</i>						
D8 - USB Linux Drivers	3 days	1950 €	<i>on request</i>						

### RTOS

Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
OS2 - MQX Programming on Kinetis Microcontroller	3 days	1750 €		18 - 20				15 - 17		
OS3 - FreeRTOS Programming	2 days	1350 €	<i>on request</i>							

### Windows

Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
W1 - Windows XP Embedded	4 days	1850 €	<i>on request</i>							
W2 - Drivers Windows XP, Vista, 7	4 days	1950 €	<i>on request</i>							
W3 - Windows Embedded CE 6.0	4 days	1850 €	<i>on request</i>							
W3M - Windows Mobile 6.1	4 days	1850 €	<i>on request</i>							
W3_5.0 - Windows CE 5.0	4 days	1850 €	<i>on request</i>							
W4 - BSPs and drivers CE 6.0	3 days	1750 €	<i>on request</i>							
W5 - Déploiement XPE	3 days	1650 €	<i>on request</i>							
W6 - Windows XP temps réel avec RTX	4 days	1800 €	<i>on request</i>							

SysAdmin									
Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
A1 - Administration Linux	5 days	1950 €	<i>on request</i>						
A2 - Administration Linux avancée	5 days	1950 €	<i>on request</i>						
A3 - Samba	2 days	1200 €	<i>on request</i>						
A5 - Sécurité Réseau	2 days	1300 €	<i>on request</i>						
A6 - Windows 2003 serveur	5 days	2000 €	<i>on request</i>						
A7 - Windows 2008 serveur	5 days	2000 €	<i>on request</i>						
A8 - Nagios	4 days	2000 €	<i>on request</i>						
A9 - Xen	2 days	1300 €	<i>on request</i>						
FPGAs & ASICs									
Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
H1 - Lattice Mico32 - Processeur embarqué	3 days	1650 €	<i>on request</i>						
H2 - Lattice Diamond	2 days	1350 €	<i>on request</i>						
H6 - Lattice - PCIe 1.1 x1, x4 IP core	2 days	1250 €	<i>on request</i>						
HX1 - Xilinx - Virtex-5 FXT Embedded Processor Block	3 days	1650 €	<i>on request</i>						
HX2 - Xilinx - Spartan-6 / Virtex-6 Integrated PCI Express Block	2 days	1250 €	<i>on request</i>						
HX3 - Xilinx - Designing with Ethernet MAC logicores	2 days	1250 €	<i>on request</i>						
HX4 - Xilinx - Microblaze implementation	3 days	1650 €	<i>on request</i>						
V1 - Le langage VHDL	4 days	1950 €	22 - 25	26 - 29					

V2 - Design with SystemC	4 days	1900 €	<i>on request</i>						
VHX - Xilinx - FPGA Programming in VHDL	5 days	2100 €	<i>on request</i>						

### Processors (generic)

Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
PG1 - Multicore implementation	2 days	1250 €	<i>on request</i>						
PG2 - PowerPC System Design	4 days	1950 €	<i>on request</i>						
PG3 - ColdFire System Design	4 days	1950 €	<i>on request</i>						

### ARM cores

Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
R0 - ARM fundamentals	1 days	700 €	<i>on request</i>						
R1 - ARM7/9 implementation	4 days	1950 €	<i>on request</i>						
R2 - ARM11 implementation	3 days	1650 €	<i>on request</i>						
RA0 - Cortex-A5 implementation	4 days	1950 €	<i>on request</i>						
RA1 - Cortex-A8 implementation	3 days	1650 €	<i>on request</i>						
RA2 - Cortex-A9 implementation	4 days	1950 €	<i>on request</i>						
RA3 - Cortex-A15 implementation	4 days	--	<i>on request</i>						
RC0 - VFP programming	1 days	700 €	<i>on request</i>						
RC1 - NEON programming	2 days	1250 €	<i>on request</i>						
RM0 - Cortex-M0 / Cortex-M0+ implementation	2 days	1400 €	<i>on request</i>						
RM1 - Cortex-M1 implementation	3 days	1650 €	<i>on request</i>						
RM2 - Cortex-M3 implementation	4 days	1950 €	<i>on request</i>						
RM3 - Cortex-M4 / Cortex-M4F implementation	4 days	1950 €	<i>on request</i>						

RR0 - Cortex-R4 implementation	3 days	1650 €	<i>on request</i>
RR1 - Cortex-R5 implementation	3 days	1650 €	<i>on request</i>
RS1 - Cortex-A9 & Cortex-A5 software implementation	3 days	1650 €	<i>on request</i>
RV0 - Programming with RVDS IDE	1 days	700 €	<i>on request</i>

### Atmel processors

Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
AT1 - AT91SAM7SE microcontroller implementation	4 days	1500 €	<i>on request</i>						
AT2 - AT91SAM9 microcontroller implementation	4 days	1500 €	<i>on request</i>						
AT3 - AT91RM9200 microcontroller implementation	4 days	1500 €	<i>on request</i>						
AT4 - AT91SAM3 series implementation	5 days	1950 €	<i>on request</i>						

### Freescale ARM CPUs

Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
FA1 - i.MX27 implementation + LTIB	4 days	1500 €	<i>on request</i>						
FA2 - i.MX31 implementation + LTIB	4 days	1500 €	<i>on request</i>						
FA3 - i.MX51 Implementation + LTIB	5 days	1950 €	<i>on request</i>						
FA4 - i.MX6	6 days	2700 €	<i>on request</i>						
FA5 - i.MX28 + LTIB	5 days	1950 €	<i>on request</i>						
FK1 - Freescale Kinetis MCU Implementation	5 days	1950 €	<i>on request</i>						

NXP processors										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
NP1 - LPC21XX/LPC22XX microcontroller implementation	4 days	1500 €	<i>on request</i>							
NP2 - LPC17xx microcontroller implementation	5 days	1950 €	<i>on request</i>							
ST processors										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
STP1 - SPEAr 1310 implementation	5 days	2300 €	<i>on request</i>							
STR1 - STR71xF implementation	4 days	1500 €	<i>on request</i>							
STR2 - STR750F implementation	4 days	1500 €	<i>on request</i>							
STR3 - STR91X implementation	4 days	1500 €	<i>on request</i>							
STR4 - STM32 F0-Series implementation	4 days	1750 €	<i>on request</i>							
STR5 - STM32 F1-Series implementation	5 days	1950 €	<i>on request</i>							
STR6 - STM32 F2-Series implementation	5 days	1950 €		5 - 9						
STR7 - STM32 F4-Series implementation	5 days	1950 €	<i>on request</i>							
STS1 - LwIP Implementation	2 days	1350 €	<i>on request</i>							
TI processors										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
TI1 - TI STELLARIS CORTEX-M3 BASED MCUs IMPLEMENTATION	5 days	1950 €	<i>on request</i>							
TI2 - TI STELLARIS CORTEX-M4F BASED MCUs IMPLEMENTATION	5 days	1950 €	<i>on request</i>							

IBM processors										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
P1 - PPC405 core implementation	3 days	1650 €	<i>on request</i>							
P2 - PPC440 core implementation	3 days	1650 €	<i>on request</i>							
P3 - PPC464 core implementation	3 days	1650 €	<i>on request</i>							
P4 - CoreConnect	3 days	1650 €	<i>on request</i>							
P5 - PPC476 core implementation	4 days	1950 €	<i>on request</i>							
PC1 - PPC750CXe/FX/FM/GX/GL implementation	5 days	2100 €	<i>on request</i>							
PC2 - PPC970FX implementation	5 days	2100 €	<i>on request</i>							
AMCC processors										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
M1 - 405GP implementation	5 days	2100 €	<i>on request</i>							
M2 - 405EXr implementation	3 days	1650 €	<i>on request</i>							
M4 - 440EPx implementation	5 days	2100 €	<i>on request</i>							
M5 - 440GP/GX implementation	5 days	2100 €	<i>on request</i>							
M6 - 440GR/GRx implementation	5 days	2100 €	<i>on request</i>							
M7 - 440SPe implementation	5 days	2100 €	<i>on request</i>							
M8 - 460SX / 460GTx implementation	5 days	2100 €	<i>on request</i>							
Freescale Power CPUs										
Course	Duration	Cost	2012							
			May	June	July	August	September	October	November	December
FC1 - MPC755 implementation	5 days	2100 €	<i>on request</i>							

FC2 - MPC7400/10 implementation	5 days	2100 €	<i>on request</i>
FC3 - MPC744X/5X implementation	5 days	2100 €	<i>on request</i>
FC4 - MPC8610 implementation	5 days	2100 €	<i>on request</i>
FC5 - MPC8641(D) implementation	5 days	2100 €	<i>on request</i>
FCC1 - e500mc implementation	3 days	1650 €	<i>on request</i>
FCC2 - e5500 implementation	3 days	1650 €	<i>on request</i>
FCC3 - e200z7 implementation	3 days	1650 €	<i>on request</i>
FCQ1 - P101X QorIQ implementation	5 days	2300 €	<i>on request</i>
FCQ11 - P102X QorIQ implementation	6 days	2700 €	<i>on request</i>
FCQ2 - P2020 QorIQ implementation	5 days	2300 €	<i>on request</i>
FCQ3 - P2040 QorIQ implementation	6 days	2700 €	<i>on request</i>
FCQ4 - P3041 QorIQ implementation	6 days	2700 €	<i>on request</i>
FCQ5 - P4080 QorIQ implementation	6 days	2700 €	<i>on request</i>
FCQ6 - P5020 QorIQ implementation	6 days	2700 €	<i>on request</i>
FM1 - MPC5XX implementation	5 days	2100 €	<i>on request</i>
FM2 - MPC55XX implementation	5 days	2100 €	<i>on request</i>
FM3 - eTPU programming	3 days	1650 €	<i>on request</i>
FM4 - MPC5200 implementation	5 days	2100 €	<i>on request</i>
FM5 - MPC5674F implementation	4 days	1950 €	<i>on request</i>
FPQ1 - MPC8XX implementation	5 days	2100 €	<i>on request</i>
FPQ2 - MPC824X implementation	5 days	2100 €	<i>on request</i>
FPQ3 - MPC825X/6X/7X/8X implementation	5 days	2100 €	<i>on request</i>
FPQ4 - MPC8308 implementation	5 days	2100 €	<i>on request</i>
FPQ5 - MPC8309 implementation	5 days	2100 €	<i>on request</i>
FPQ6 - MPC8313E implementation	5 days	2100 €	<i>on request</i>
FPQ7 - MPC832XE implementation	5 days	2100 €	<i>on request</i>

FPQ8 - MPC834X implementation	5 days	2100 €	<i>on request</i>
FPQ9 - MPC8360E implementation	5 days	2100 €	<i>on request</i>
FPQA - MPC837XE implementation	5 days	2100 €	<i>on request</i>
FPQB - MPC854X implementation	5 days	2100 €	<i>on request</i>
FPQC - MPC8560 implementation	5 days	2100 €	<i>on request</i>
FPQD - MPC8572E implementation	5 days	2100 €	<i>on request</i>

### Freescale DSPs

Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
FD1 - DSP568XX implementation	3 days	1650 €	<i>on request</i>						
FD2 - DSP563XX implementation	3 days	1650 €	<i>on request</i>						

### Freescale ColdFire

Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
FF1 - MCF5x07 implementation	4 days	1950 €	<i>on request</i>						
FF2 - MCF523X implementation	4 days	1950 €	<i>on request</i>						
FF3 - MCF532X implementation	4 days	1950 €	<i>on request</i>						
FF4 - MCF548x implementation	4 days	1950 €	<i>on request</i>						
FF5 - MCF5225X implementation + MQX	4 days	1950 €	<i>on request</i>						

### Intel processors

Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
IN1 - Pentium-M implementation	3 days	1650 €	<i>on request</i>						

Connectivity									
Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
IO - New digital buses	1 days	700 €	<i>on request</i>						
IA1 - CAN bus	2 days	1250 €	<i>on request</i>						
IA2 - FlexRay 2.1	2 days	1250 €	<i>on request</i>						
IA3 - MIL-STD 1553B	2 days	1250 €	<i>on request</i>						
IC1 - PCI 3.0	3 days	1650 €	<i>on request</i>						
IC2 - Compact PCI	1 days	700 €	<i>on request</i>						
IC3 - PCI-X 2.0	2 days	1250 €	<i>on request</i>						
IC4 - PCI Express 3.0	4 days	1950 €	<i>on request</i>						
IC5 - RapidIO 2.1	3 days	1650 €	<i>on request</i>						
IC6 - HyperTransport 3.0	2 days	1250 €	<i>on request</i>						
IC7 - VME	4 days	1950 €	<i>on request</i>						
IC8 - VPX and Open VPX	2 days	1250 €	<i>on request</i>						
II1 - MIPI BUSES	4 days	1950 €	<i>on request</i>						
II2 - IPMI v2.0	3 days	1650 €	<i>on request</i>						
IM1 - HDMI 1.4a	2 days	1250 €	<i>on request</i>						
IM2 - Display Port 1.1a	2 days	1250 €	<i>on request</i>						
IP1 - FireWire	4 days	1950 €	<i>on request</i>						
IP2 - USB 2.0	4 days	1950 €	<i>on request</i>						
IP3 - USB 3.0	4 days	1950 €	<i>on request</i>						
IS1 - S-FPDP	2 days	1250 €	<i>on request</i>						
IS2 - Memory cards	1 days	700 €	<i>on request</i>						
IS3 - Serial ATA III	2 days	1400 €	<i>on request</i>						

IS4 - UNIVERSAL FLASH STORAGE (UFS)	2 days	1400 €	<i>on request</i>						
IS5 - SD UHS II (Ultra High Speed II)	2 days	1400 €	<i>on request</i>						
IDT bridges									
Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
T1 - Tsi107 PCI bridge	2 days	1250 €	<i>on request</i>						
T2 - Tsi108 / Tsi109 PCI bridge	4 days	1950 €	<i>on request</i>						
Marvell bridges									
Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
MV1 - MARVELL MV6446X implementation	4 days	1950 €	<i>on request</i>						
MV2 - MARVELL MV64560 implementation	4 days	1950 €	<i>on request</i>						
MV3 - MARVELL MV64660 implementation	5 days	2100 €	<i>on request</i>						
Network									
Course	Duration	Cost	2012						
			May	June	July	August	September	October	November
N1 - Ethernet and switching	4 days	1950 €	<i>on request</i>						
N2 - IEEE1588 - Precise Time Protocol	1 days	700 €	<i>on request</i>						
N3 - Ethernet 10 Gigabit	3 days	1650 €	<i>on request</i>						
NS1 - MARVELL 88E6061/6061B/6031 Ethernet switches	3 days	1650 €	<i>on request</i>						
NS2 - MARVELL 88E6161 Ethernet switches	3 days	1650 €	<i>on request</i>						

