

Registration Code	Title	Days
<b>SOFTWARE AND SYSTEM ENGINEERING</b>		
<b>Project Management</b>		
SW-PM	Software Project Management	5
<b>Quality Management</b>		
SW-Q	Software Quality for Embedded Systems	5
RISK-MAN	Risk Management: Reduction of Project Costs by means of Risk Analysis and Proactive Countermeasures	2
<b>Requirements</b>		
REQ-ENG	Requirements Engineering and Management for Industrial Development	3
<b>Analysis and Design</b>		
UML-G	UML Basics for Software Developers	4
UML-P	Practical Use of UML with Embedded Hardware	1
SYSTM	System Analysis and Design with SysML (Systems Modeling Language)	3
OOAD-EMB	Analysis and Design of Embedded and Real-Time Systems (with UML)	5
OO-SW/DEV	Object Oriented Software Development for Embedded Systems using UML, C++ and RTOS	5
OOP-G	OOP: Language Independent Introduction in Object Oriented Programming	2
DP	Design Patterns (not only) for Embedded Systems	4
<b>Test</b>		
SW-TEST	Software Test: Structured and Efficient Embedded System Tests	4
<b>PROGRAMMING</b>		
<b>Embedded Programming</b>		
EMB-C	Embedded C: Programming Methods and Tools	4
EC++	Embedded C++: Object-oriented Programming (OOP) for Microcontrollers with C++/EC++	5
EC++/FOR	Embedded C++ Advanced Training: Object-Oriented Programming for Microcontrollers with C++/EC++	5
µVISION	µVision: Simulation with Keil µVision	2
JAVA-GEMB	Java Basics for Embedded Systems	1
JAVA-RTOMB	Java Real-Time for Embedded Systems	2
EMB-NET	Intranet/Internet Linkup of Embedded Systems	5
<b>Programming and Script Languages</b>		
PROG-G	The Basics of Programming	3
ANSI-C	ANSI-C Basics	5
ANSI-C/FOR	ANSI-C# Advanced Training	5
C++	C++: Object-oriented Programming	5
C++/FOR	C++ Advanced Training	5
C++/BOOST	C++ Boost Libraries Workshop	5
C#-PRG	C#: Programming under .NET	5
C#-FOR	C#: Advanced Training	3
C++/CLI	C++/CLI: Exploiting the Potential of .NET with C++	3
JAVA-PRG	Java Basics	5
JAVA-FOR	Java: Advanced Training	5
TCL/TK	Tcl/Tk: Scripting Language	4
PERL	Perl: Scripting Language	5
PERL-FOR	Perl: Advanced Training	3
PYTHON	Python: Object-oriented Scripting Language	5
XML	XML: Standardized Data Exchange	3
<b>Application Development</b>		
.NET-FORM	.NET: Application Development with C#	5
.NET-WPF	.NET Windows Presentation Foundation	3
.NET-UM	.NET: Changing from MFC and Java	5
.NET-SYSPR	.NET: System-near Programming	5
ATL	ATL: COM-Programming with the Active Template Library	5
SQL	Databases and SQL	3
<b>OPERATING SYSTEMS</b>		
<b>RTOS</b>		
RTOS	RTOS Basics	3
RL-ARM	RL-ARM RealView® Real-Time Library	2
OSEK	OSEK Basics	4

<b>Windows</b>		
WIN32-SYS	Windows: System-near Programming	5
WIN-CE	Windows Embedded CE 6.0 R2: Operating System, Driver and Application Development	3
W-WDF/KDMF	WDF/KDMF and WDM Kernel Mode Driver Development with Windows	5
<b>Linux/Unix</b>		
LINUX-G	Linux/Unix Basics	5
LINUX-SYS	Linux/Unix and Embedded Linux System Programming	5
<b>MICROCONTROLLERS</b>		
<b>Architectures, Programming of Periphery</b>		
ARM-7/9	ARM7/9/10/11: Architecture and Embedded Programming	4
CORTEX-MX	Cortex™ -M4, M3, M1, M0 (ARM): Architecture and Embedded Programming	4
CORTEX-R4	Cortex™ -R4 (ARM): Architecture and Embedded Programming	4
CORTEX-A8	Cortex™ -A8 (ARM): Architecture and Embedded Programming	4
CORTEX-A8U	Cortex™ -A8 - Changing from ARM7/9	2
ARM-CORTEX	ARM7/9/10/11 vs. Cortex M0/M1/M3/R4/A8: Similarities and Differences	1
STM32	STM32 Cortex™ -M3: Technical Training	3
XC16X	XC16x/C16x/ST10: Architecture, Peripherals and Embedded Programming	5
XE16X	XE16x/XC22xx: Architecture, Peripherals and Embedded Programming	5
TRICORE	TriCore® Architecture, Peripherals and Embedded Programming	5
TC11XX-PER	TC1130: Practical Application of TriCore® Specific Peripherals	3
TC17XX-PER	TC1796: Practical Application of TriCore® Specific Peripherals	3
8051	XC8xx/C500/8051 8-Bit Microcontrollers: Architecture and Embedded Programming	5
µC-BASIC	Microcontroller/Microprocessor Basics	3
SPM	Standard Peripheral Modules	3
DSP-WORK	DSP: Digital Signal Processing and Programming	4
MC9S12X	MC9212x: Architecture and Embedded Programming	5
MPC555X	MPC555x: Architecture and Embedded Programming	5
X86-ARCH	x86 Architecture and Protected Mode	5
<b>Debugging</b>		
MCDS-PLS	Multicore Debug System MCDS and PLS Universal Emulation Configurator	1
UDE-PLS	Debugging with the Universal Debug Engine UDE (PLS)	1
<b>Bus Systems</b>		
CAN-KOMP	CAN: Architecture, Basics, Network Design and Analysis	3
<b>Electronic Design Automation</b>		
VHDL-BASIC	VHDL Basics	3
VHDL-MORE	VHDL Advanced Training	2
<b>Semiconductors</b>		
LH	Power Semiconductors	4
<b>NETWORKS</b>		
NWG	Basics and Use of Networks	3
TCP/IP	TCP/IP Protocols	4
IPV6	IP Version 6	1
VOIP-SIP	Voice over IP/ Session Initiation Protocol Technology (SIP)	4
ETH-INDUS	Industrial Ethernet	2