



Programmation et conception temps réel

Creating systems that work in real-time is a specific challenge. That's why **ac6-training** provides a range of courses to explain you all the specific techniques and tools to use in this context.

Systems are more and more critical and subject to safety constraints. This training introduces the main concepts and systems applicable to safety-critical systems with QoS. **Multi-core Embedded with QoS** 5 days **Inquiry**

Systems are more and more powerful and are now using multicore processors causing specific problems. **Multi-core Embedded** 5 days **Inquiry**

Real-time programming of multi-core processors in the Automotive sector, understanding how to effectively solve problems using the primitives provided by the underlying Operating System. **Real-time Embedded with QoS** 5 days **Inquiry**

Real-time programming of multi-core processors, understanding how to effectively solve problems using the primitives provided by the underlying Operating System. **Real-time Embedded** 5 days **Inquiry**

Operating system VxWorks designed to efficiently manage tasks in embedded applications. **Real-time Embedded** 5 days **Inquiry**

Essential topics such as task scheduling, synchronization and memory management. This course equips professionals with a deep understanding of real-time systems and programming concepts. **Real-time Embedded** 5 days **Inquiry**

Enabling participants to design, implement, and debug robust embedded applications. **Real-time Embedded** 5 days **Inquiry**

tool, configure Device Tree and expand the ecosystem. **Real-time Embedded** 5 days **Inquiry**

Memory analysis, user mode, threading, synchronization, mutexes, Zlib, and interrupts. **Real-time Embedded** 5 days **Inquiry**

Software Architecture with ACPI. **Real-time Embedded** 5 days **Inquiry**

Embedded systems are increasingly complex and therefore can no longer be directly designed using existing schemes. **Real-time Embedded** 5 days **Inquiry**

and integration appropriately. This course will help create a desired architecture to avoid common pitfalls. **Real-time Embedded** 5 days **Inquiry**

and the tools to measure real-time performance. **Real-time Embedded** 5 days **Inquiry**

RTOS and Chip course introduce the ecosystem. **Real-time Embedded** 5 days **Inquiry**

physical devices, communication systems and networks. **Real-time Embedded** 5 days **Inquiry**

RTOS and Embedded LS for a microcontroller-based IoT application. **Real-time Embedded** 5 days **Inquiry**

programming 4 days **Inquiry**

describes the Texas Instruments ARM Cortex M4F implementation and T-RTOS real-time **Real-time Embedded** 5 days **Inquiry**