

ac₆

Design and Program Embedded and Real-Time Systems

An embedded real-time operating system (RTOS) is a software platform that is specifically designed to support the development of real-time applications. These systems are used in a wide range of applications, including aircraft control systems, military systems, industrial control systems, and medical devices.

The courses cover a range of topics related to embedded RTOS, including RTOS fundamentals, RTOS architecture and design, and RTOS development using specific platforms such as FreeRTOS, AzureRTOS ThreadX and ZephyrOS. These courses are designed to provide professionals with the skills and knowledge they need to develop and maintain real-time systems that are reliable, efficient, and scalable.

Moreover as creating systems that work in real-time pose specific challenges ac6 provides also courses to explain you all the specific techniques and tools to use in this context.

oRT3 Real Time Programming with Free RTOS The Real Time Programming with Free RTOS course from AC6 covers the design and the systems using Free RTOS. This are using free RTOS. The real-time applications using Free RTOS. The real-time of the system of the second se

The course covers topics such as real-time scheduling, interrupt handling, and multi-core programming, and is designed to give professionals the skills they need to develop reliable and efficient real-time systems on Linux platforms.

This course is suitable for developers with a basic understanding of Linux and programming concepts, and is designed to provide a superstanding of Linux and programming concepts, and is designed to provide a superstanding of Linux and programming concepts and is designed to provide a superstanding of the concept of the