

Building Applications with RISC-V and FreeRTOS (LFD112x)

This course is designed to provide the skills you need to build embedded systems with RTOS capabilities for real-time applications.

Duration: 2 Days

Prerequisites for this course

Knowledge prerequisites:

- Before enrolling, students should have a good understanding of compiling and running C programs, as well as basic knowledge of embedded systems and processors.

Outline for this course

Chapter 1 – Introduction to RTOS and Embedded Systems

Chapter 2 – FreeRTOS

Chapter 3 – Porting FreeRTOS to Another Software or Hardware Platform

Chapter 4 – RISC-V Processors

Chapter 5 – Porting FreeRTOS to RISC-V Processors

Chapter 6 – Application Building with FreeRTOS and RISC-V