



# COURSE INFORMATION

This course is organized in *4 days*, for a total of **16 hours** (*4 hours per lesson*), subdivided as follows:

## 1st DAY:

- I. Introduction to Embedded Linux
- II. Embedded Hardware for Linux Systems
- III. Embedded Linux Systems Architecture
- IV. Embedded Linux Development Environment

→ *Intermediate Learning Test*

## 2nd DAY:

- V. Cross-compiling Toolchains
- VI. Bootloaders
- VII. Linux Kernel

→ *Intermediate Learning Test*

## 3th DAY:

- VIII. Compiling and installing kernel for host
- IX. Cross-compiling the kernel
- X. Using Kernel Modules
- XI. Raspberry Pi Kernel Cross-compilation

→ *Intermediate Learning Test*

## 4th DAY:

- XII. Recap of the Course Topics

→ *Final Exam*

