



YGREKY

EMBEDDED SECURITY

A PRACTICAL COURSE FOR
DEVELOPERS

For Information :
<https://ygreky.com>

NEW SESSIONS!

SESSIONS

- **September 23-27, 2024 - FULL**
(Europe/Africa time)
- **December 9-13, 2024 - OPEN** (Americas
time)
- **January 20-24, 2024 - OPEN**
(Europe/Africa time)

Price: 950 euros without taxes

Enrollment open now at
contact@ygreky.com

EMBEDDED SECURITY WHAT YOU ARE GOING TO LEARN

Know secure system design

Build your own distribution

Use and analyze CVEs and SBOMs

Harden a Linux system

Set up permissions

Run services as users

Audit your system image

**Choose packages with security in
mind**

EMBEDDED SECURITY DETAILS

**Yocto Project (*) based edition
ALL ONLINE**

Instructor:

**Marta
RYBCZYNSKA**



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THE LEARNING PLATFORM

- **All online, you only need SSH access**
- **Your pre-configured remote virtual machine during the whole course**
- **Pre-build environment, start from the first hour**
- **Instructor-led video-conferences with subject introduction 1 or 2 times per day**
- **Instructor-led Questions-and-Answers sections live every day**
- **Practical exercises**
- **Support and discussion channels**

COURSE OUTLINE

- **Day 1:** build a custom image; configure image features; build your own distribution and set up distribution features; run an internal audit with Lynis
- **Day 2:** perform a CVE scan of your distribution; manage and fix CVE issues; report security issues; update your distribution between LTS releases
- **Day 3:** generate an SBOM and find information inside; configure the compiler hardening options
- **Day 4:** harden the Linux kernel; set up device permissions; configure services running as non-root users
- **Day 5:** choosing packages; debug and production builds; external audit with Kali Linux; the legislation to come