Hardware Hacking Basics Training

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Duration: **2 Day**

This two-day comprehensive course, from the world renown hardware hacker Joe Grand, teaches fundamental hardware hacking concepts and techniques used to reverse engineer and defeat the security of electronic devices.

Combining lecture and hands-on exercises, it provides students with the skills, resources, and confidence needed to explore, manipulate, and exploit electronic systems. This course only available as a private class, taught virtually or in-person, minimum participation 12 learners.

Learners will be provided with the following course materials:

- Grand Idea Studio's custom training circuit board (one for each student to keep)
- Lecture slides (in electronic format)
- Hardware hacking reference material and software tools (in electronic format)
- Hardware hacking equipment, including soldering iron, multi-meter, logic analyser, and device programmer.

Additional advanced hardware hacking courses are available upon request for private delivery, for 12 minimum participants.

- Firmware Extraction and Manipulation
- Defeating Microcontroller Code Protection
- Hardware Implants and Espionage

Prerequisites

No prior hardware experience is required.

What You Will Learn

- Describe and understand the hardware hacking process, mindset, and purpose
- Hands-on experience with useful and relevant techniques
- Confidence to apply learned skills to electronic systems outside the classroom