DON´T BE AFRAID OF PROGRAMMING

Dates and Location

October 25 – 31, 2026 Alcanede, Portugal

October 24 – 30, 2027 Alcanede, Portugal

October 22 – 28, 2028 Alcanede, Portugal

[>>> COURSE REGISTRATION <<<](https://registration-986914.webnode.page/) (link: https://registration-986914.webnode.page/)

Digital Adventure: Coding & Robotics Without Fear

What can you expect from our course? Does the word "programming" feel like a foreign language? Leave your worries at the door. Our course is specifically designed for educators who are complete beginners in the world of robotics and coding. No prior technical experience is required – all you need is a spark of curiosity.

Over the course of one week, we will guide you through the world of modern technology, from the very first steps to practical classroom integration for both primary and lower-secondary levels. You will gain the confidence and tools necessary to empower your students with essential 21st-century skills.

Our Motto: "We aren't training mini-programmers; we are nurturing students who can think logically and technically."

Languages of communication: PT / EN / CZ

Exclusive bonuses you won't find anywhere else:

- **A Glimpse into Portuguese Education:** Visit a local school and get an insider's look at the educational system in Portugal.
- **Networking in Practice:** Informal meetups with Portuguese colleagues and participants from other countries—the perfect opportunity to spark real international projects.
- **A Journey through History and Culture:** A tour of historical gems (Lisbon, Obidos, Santarem) and a visit to monumental UNESCO sites—the **Batalha and Alcobaça monasteries**.
- **Spiritual and Natural Wonders:** A visit to the world-renowned pilgrimage site of **Fátima** and a trip to the famous **Nazaré** beach, known for its record-breaking waves and breathtaking cliffs. Guided tours of these landmarks are provided in two languages.

MODULE 1 – Sharing is Key

- **Shared Documents** (Text-based)
- **Shared Spreadsheets**
- **Forms**
- **Document and File Sharing** (Google, MS, Dropbox, etc.)

MODULE 2 – Getting Started with Coding

- **Scratch & ScratchJr** – Coding on tablets or phones for the youngest learners.
- **Hour of Code** – Free online teaching resources, including pedagogical approaches.
- **Unplugged Coding** – Computer science activities without the need for hardware.

MODULE 3 – Playful Coding with Scratch

- **Developing Your Own Game**
- **Creating Educational Materials**
- **Object-Oriented Programming**

MODULE 4 – Programming Mini-Robots: Ozobots & VEX 123

- **Affordable and Easy-to-Program Robots** for the classroom.
- **Screenless Ozobot Programming** using markers and paper (OzoCodes).
- **Logic Games and Pedagogical Methods**
- **VEX 123** – Programming via Coder and the App.

MODULE 5 – Advanced Robot Programming: OzoBlockly & VEXcode

- **Programming Mini-Robots** via PC or tablet.
- **Methodology and Activities** for Ozobots, VEX 123, and other smart toys.

MODULE 6 – Utilizing Tablets and Touch Devices

- **Algorithmization** using accessible apps.
- **Methodology for Using Tablets** to teach programming in the classroom.

MODULE 7 – Micro:bit and Other Platforms

- **Educational Alternatives** for block-based programming in primary/lower-secondary schools.
- **Micro:bit** – Foundational tasks and exercises.

- **Micro:bit Projects** – Integration with LEGO, Cutebot, etc.

MODULE 8 – Introduction to 3D Printing

- **Basics of 3D Design** – Creating simple models (e.g., in Tinkercad).
- **3D Printing Technology** – Preparing models for printing (slicing) and printer maintenance.
- **Practical Use in Schools** – Integrating 3D printing into various subjects.

Costs and Funding

From the moment you arrive in Lisbon, we will take complete care of you.

- **Course Fee: €560**
- **Organizational & Individual Support: €990**
  - o Includes accommodation, full board (meals), airport transfers, and all educational outdoor activities.

Contact: info@meiocourses.eu