



6 days course

DATES 2026

- **23 March**
- **20 April**
- **4 May**
- **29 June**
- **6 July**
- **20 July**
- **3 August**
- **24 August**

THE MAKER CLASSROOM: Coding, Modelling and 3D Printing for Teachers

Bari-Bisceglie-Salerno



EuroInnova

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COURSE OVERVIEW

This training course introduces teachers to practical ways of integrating coding, 3D modelling and desktop 3D printing into everyday classroom activities. Participants explore simple, accessible tools that help students design, prototype and solve real-world problems through creative making. The course focuses on hands-on learning, digital fabrication, cross-curricular projects and inclusive teaching strategies that foster computational thinking, innovation and active participation in both primary and secondary education.

METHODOLOGY

The course adopts a practical, learner-centered approach, combining:

- coding and modelling workshops
- guided exploration of 3D printing tools
- project-based creation of classroom prototypes
- micro-teaching with peer feedback
- digital and AI-supported design applications

Participants will create ready-to-use maker activities and exchange best practices.



TARGET GROUP

- Regional and local authorities;
- School/ adult centre management department, collaborators and volunteers
- Teachers & school staff

LEARNING OUTCOMES

By the end of the course, participants will be able to:

- Understand the educational value of coding, modelling and digital fabrication.
- Use beginner-friendly tools to create 3D models and printable classroom objects.
- Guide students through design thinking, prototyping and testing.
- Integrate maker activities to develop problem-solving and computational skills.
- Apply safe and inclusive practices for hands-on experimentation.
- Develop ready-to-use maker-based lesson plans and share resources for future projects.

This course is held in:

- **BARI**
- **BISCEGLIE**
- **SALERNO**
- **VERONA (on request)**



CULTURAL ACTIVITIES: All courses include at least one city guided tour

CERTIFICATE: Certificate of Attendance, including a description of the course contents; Europass certificates upon request.

PRICE: €480



contact us

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