



INTEGRATION AI & ICT INTO CLASSROOM in BARCELONA, Spain

UPCOMING DATES

January: 19-23 / February: 2-6 / April: 6-10, 27-May 1 / May: 11-15 / June: 8-12, 15-19, 22-26
July: 6-10, 13-17, 20-24, 27-31

LOCATION:

Barcelona, Spain

TARGET PUBLIC

This course is aimed at educators and education professionals who wish to develop their digital competences and gain a practical understanding of the use of ICT and artificial intelligence in teaching and learning.

The targeted public includes:

- Teachers and trainers working in school education (primary and secondary levels)
- Vocational Education and Training (VET) teachers and instructors
- Adult education educators and trainers
- Educational staff involved in curriculum development, digital innovation, or pedagogical support
- School leaders, coordinators, and education professionals with an interest in digital transformation

The course is suitable for participants with basic digital skills who wish to enhance their professional practice through the effective, responsible, and pedagogically sound use of ICT and AI tools.

REGARDING THE GROUP:

Group size: between 4 to 10 participants. Maximum 14

Group composition: Participants attend the course with an Erasmus+ grant and come from a variety of European countries, including Poland, Italy, Portugal, France, Slovakia, Hungary, the Czech Republic, Germany, Lithuania, Latvia, and Estonia, among others. This multicultural composition fosters intercultural exchange and peer learning.

Language of instruction: The course is delivered in English.

Schedule: The course is organised either from 10:00 to 14:00, from 10:00 to 15:00, or from 10:00 to 14:00 with two additional afternoon sessions.

FEES

20 hours: 400€

25 hours: 450€



DESCRIPTION

This Erasmus+ training course supports educators in developing advanced digital competences and a practical understanding of artificial intelligence in education. It explores the pedagogical use of ICT tools and AI applications to enhance teaching, learning, and assessment. Participants work with digital platforms, collaboration tools, online assessment, and multimedia resources, and are introduced to ethical and practical uses of AI for lesson planning, personalised learning, and task automation. By the end of the course, participants gain a transferable toolkit of digital and AI resources to support innovation, inclusion, and learner-centred teaching practices.

Be aware:

Participants are required to bring their own laptop for use throughout the course, as all sessions include hands-on activities involving digital and AI-based tools.

LEARNING OUTCOMES

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

1. **Analyse and select appropriate ICT tools** to support teaching, learning, collaboration, and assessment in diverse educational contexts.
2. **Integrate digital technologies into pedagogical practice** using learner-centred and inclusive approaches that promote engagement, collaboration, and critical thinking.
3. **Demonstrate a foundational understanding of artificial intelligence in education**, including key concepts, opportunities, and limitations.
4. **Apply AI-based tools** to support lesson planning, content creation, and basic personalisation of learning experiences.
5. **Evaluate the pedagogical, ethical, and data protection implications** of using digital and AI technologies in educational settings.
6. **Design digitally enhanced learning activities** that align with curriculum objectives and respond to learners' individual needs.
7. **Increase professional confidence and autonomy** in the responsible and effective use of ICT and AI tools for educational innovation.
8. **Transfer acquired digital and AI competences** to participants' own institutions, contributing to digital transformation and quality improvement.



METHODOLOGY

The course is delivered through a blended and participatory methodology that combines theoretical input with practical application. Emphasis is placed on experiential learning, enabling participants to actively engage with ICT and AI tools and to reflect on their pedagogical use in real educational contexts.

Interactive presentations are used to introduce key concepts related to digital education, ICT integration, and artificial intelligence in teaching and learning. These sessions are supported by guided discussions that encourage critical reflection, peer exchange, and the sharing of professional experiences across different educational sectors and national contexts.

Practical workshops form the core of the methodology. Participants work individually and collaboratively to explore digital platforms, AI-powered tools, and educational applications through hands-on activities. These workshops focus on task-based learning, allowing participants to experiment with tools, design learning activities, and immediately apply newly acquired competences.

Collaborative learning is fostered through group work, peer feedback, and project-based activities. Participants are encouraged to co-create digital and AI-enhanced learning scenarios and to evaluate their pedagogical effectiveness. Reflection sessions are integrated throughout the course to support self-assessment and the transfer of learning outcomes to participants' own professional practice.

The methodology promotes inclusive, learner-centred, and reflective teaching approaches while addressing ethical considerations, data protection, and responsible use of digital and AI technologies. By combining theory, practice, collaboration, and reflection, the course ensures sustainable professional development and meaningful impact beyond the training period.

ASSESSMENT and EVALUATION METHODOLOGY

Assessment in this course is formative and continuous, focusing on the development of participants' digital and pedagogical competences rather than formal testing. The assessment process is designed to support reflection, professional growth, and the practical application of ICT and AI tools in educational contexts.

Upon successful completion of the course and active participation in all sessions, participants receive a certificate of attendance specifying the learning outcomes achieved and the total number of training hours completed.