

Digital Education & Innovation – ICT in all subjects

ERASMUS+ Course

Course Overview

In a world where education must keep pace with technological change, school leaders and coordinators face the challenge of ensuring teachers are ready to lead digital transformation. This course aligns with European priorities for digital readiness, innovation, and inclusion. It empowers institutions to strengthen teaching quality, promote responsible use of technology, and build sustainable models for blended and future-ready education.

For teachers, this is a hands-on journey into creative, tech-empowered teaching. Together with peers from across Europe, participants will explore practical ways to integrate digital tools, AI, and blended learning strategies that make lessons more engaging, inclusive, and adaptable.

By the end of the course, educators will feel confident designing learning experiences that inspire curiosity, collaboration, and innovation in every classroom.

“Technology will not replace great teachers, but technology in the hands of great teachers can be transformational.”
— George Couros.

Learning outcomes

After the course, participants will be able to:

- Integrate digital tools and innovative pedagogies to create engaging, student-centered, and future-ready learning environments.
- Design blended and technology-enhanced lessons that support differentiation, accessibility, and active participation.
- Apply principles of digital citizenship and well-being to promote safe, responsible, and balanced technology use in education.
- Use AI, coding, and creative media to inspire problem-solving, creativity, and collaboration in the classroom.
- Reflect critically on emerging trends in digital education and adapt teaching practices to evolving technologies.
- Collaborate across disciplines and cultures to lead digital transformation within European schools and training contexts.

Teaching & Learning Methods

All our methods are designed to be highly interactive and hands-on, ensuring a practical and engaging learning experience.

- **Active & Experiential:** Participants engage in workshops and hands-on exploration of digital tools and methodologies rather than lectures.
- **Collaborative & Inclusive:** Group work and peer exchange foster creativity, innovation, and the sharing of diverse perspectives.
- **Innovative & Engaging:** Gamified approaches, blended learning models, and AI-enhanced tools make learning dynamic and inspiring.
- **Reflective & Transformative:** Participants reflect on their digital practices and design actionable strategies for future implementation.

EU Competence Frameworks

- **European Key Competence Framework for Lifelong Learning** – Promoting creativity, collaboration, digital competence, and citizenship.
- **DigComp 2.2 (Digital Competence Framework for Citizens)** – Encouraging critical, responsible, and innovative technology use.
- **DigCompEdu (Digital Competence Framework for Educators)** – Supporting educators to effectively integrate technology in teaching and assessment.
- **Digital Education Action Plan (2021–2027)** – Fostering digital literacy, AI awareness, and innovative blended learning strategies.
- **ET 2030 Strategic Framework** – Reinforcing quality, inclusion, digital readiness, and cooperation in education.
- **GreenComp (European Sustainability Competence Framework)** – Encouraging environmentally responsible and sustainable digital practices.

Erasmus+ Priorities

This course equips participants with skills that respond directly to key Erasmus+ priorities:

- **Digital Transformation:** Empowering educators to integrate ICT, AI, and emerging technologies that enhance engagement, creativity, and digital competence.
- **Inclusion & Diversity:** Promoting digital accessibility and inclusive learning paths that support all learners.
- **Quality & Innovation in Education:** Equipping teachers with practical, future-ready methodologies such as blended learning, gamification, and design thinking.
- **Participation in Democratic Life:** Developing media literacy and responsible digital citizenship for active participation in society.
- **Teacher Professional Development:** Building teachers' confidence, collaboration, and leadership in driving digital transformation.

Practical Information

- Format: 5 days, 25 hours in the classroom (60 minutes) ≈30 teaching hours (45 minutes)
- Language: English (B1+)
- Target group: ECEC (pre-primary), primary, lower and upper secondary education, VET (IVET/CVET), post-secondary non-tertiary education, adult education (adult learning and continuing education providers), school leaders/support staff, non-formal learning professionals and community-learning professionals
- Location: Františka Křížka 362/1, Prague, Czech Republic
- What to Bring: Nothing required - materials provided on site.
- Contact: info@itc-international.eu, +420 739 457 451
- OID: E10088318

Modules

Module 01 – The Digital Classroom: Opportunities and Challenges

Understand how technology transforms education, exploring both opportunities for engagement and challenges of digital inclusion and teacher readiness.

Module 02 – 21st-Century Skills in a Digital World

Examine critical skills such as collaboration, communication, creativity, and critical thinking, and how digital strategies can foster these skills in learners.

Module 03 – Artificial Intelligence in Education

Explore AI's role in personalized learning, lesson planning, classroom management, and ethical considerations in education.

Module 04 - Frameworks for Technology Integration

Learn how to apply integration models to enhance lesson planning, making ICT a tool for deeper learning rather than just substitution.

Module 05 – ICT Tools for Active & Engaged Learning

Discover practical EdTech tools that support collaboration, creativity, and student participation, making lessons more interactive and inclusive.

Module 06 – Media Literacy, Cybersecurity & Digital Well-being

Explore responsible digital citizenship, online safety, and strategies to promote digital balance and protect mental health in classrooms.

Module 07 – Blended Learning & Flipped Classroom Models

Understand different blended learning approaches, including flipped classroom strategies, to maximize active learning and classroom interaction.

Module 08 – Station & Playlist Rotations for Personalization

Engage with rotation models that allow students to learn at their own pace and through diverse methods, supporting differentiation and inclusion.

Module 09 – Coding & Computational Thinking

Introduce coding and problem-solving as essential 21st-century skills, highlighting ways to integrate computational thinking into classroom practice.

Module 10 – Creating a Website for Educational Purposes

Learn how to design simple and accessible websites to share resources, showcase student work, and communicate with the school community.

Module 11 – Visual Storytelling & Infographics

Use digital storytelling and infographics to simplify complex concepts, enabling students to communicate creatively through multimedia projects.

Module 12 – Mobile & Outdoor Learning with QR Codes

Examine how handheld devices and QR codes can support interactive, student-centered learning inside and outside the classroom.

Module 13 – Innovation & Future Trends in Digital Education

Investigate emerging trends like gamification, augmented reality, and AI-driven tools to envision the future of innovative teaching and learning.

Module 14 – Lesson Planning & Final Workshop

Synthesize course concepts by designing innovative, tech-integrated lesson plans aligned with curriculum goals and student needs.

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Course schedule

MONDAY	
10:00 - 14:00	Registration; Module 01 – The Digital Classroom: Opportunities and Challenges Module 02 – 21st-Century Skills in a Digital World Module 03 – Artificial Intelligence in Education
14:00 - 15:00	<i>Lunch break</i>
15:00 - 17:30	Orientation Walk with a Local Guide (optional, complimentary, not counted in course hours)
TUESDAY	
09:00 - 14:15	Module 04 - Frameworks for Technology Integration Module 05 – ICT Tools for Active & Engaged Learning Module 06 – Media Literacy, Cybersecurity & Digital Well-being
WEDNESDAY	
09:00 - 14:15	Module 07 – Blended Learning & Flipped Classroom Models Module 08 – Station & Playlist Rotations for Personalization Module 09 – Coding & Computational Thinking
THURSDAY	
09:00 - 14:15	Module 10 – Creating a Website for Educational Purposes Module 11 – Visual Storytelling & Infographics Module 12 – Mobile & Outdoor Learning with QR Codes
FRIDAY	
09:00 - 14:15	Module 13 – Innovation & Future Trends in Digital Education Module 14 – Lesson Planning & Final Workshop Final Reflection, Action Plan, Certificates & Farewell