



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Technologies for Teaching and Learning - 2

2425-3-G8501R019-T2

Course title

Educational Technology - Face to face course

Topics and course structure

The course, active in the summer semester, will explore the theme of the use of digital technologies in teaching, offering an overview of possible strategies for the implementation of digital technology in the classroom context, and for the production of content.

The course will proceed on a weekly basis, each week having a focus on a specific topic:

- **Week 1 - Educational Technology: an introduction**
- **Week 2 - Digital textbooks and Open Educational Resources**
- **Week 3 - The evolution of the classroom in the digital era**
- **Week 4 - Gamification and effective presentation techniques**
- **Week 5 - Multimedia content production**
- **Week 6 - Technology and Inclusiveness**
- **Week 7 - Present and Future Horizons**

Objectives

Knowledge and understanding

- knowledge related to IT tools and innovative technologies for class management

Applying knowledge and understanding

- ability to create a welcoming and inclusive class environment, for the inclusion of students with special educational needs or coming from different ethnic groups, cultures and religious beliefs;
- ability to plan lessons using a variety of organizational methods and solutions, calibrated for kindergarten and primary school and making use of innovative technologies;
- ability to document and to monitor the educational intervention.

Making judgements

- aptitude to renew teaching practices through openness to research, experimentation and innovation.

Communication skills

- the ability to organize and to communicate objectives, as well as the nature of the educational intervention, through proper planning;
- the ability to use digital communication tools in the school context, both to implement the use of educational technologies, and to reduce the distance between the formal languages of academic knowledge and those of the younger generations.

Learning skills

- willingness to explore the perspectives of technological and media research, with a specific interest in the themes of pedagogy and special education;
- aptitude for self-support and self-regulation of learning through autonomous research, also through the participation in training and professional development activities.

Methodologies

The course will be delivered in face to face mode.

The technologies and methodologies covered in the course will be actively used, providing concrete examples and allowing experimentation with different techniques and resources. Participants are advised to come to class with a personal digital device. Depending on the number of participants, it will also be possible to use a computer lab on some days.

Online and offline teaching materials

Slides, samples of digital learning materials in various formats, interactive content, video tutorials, scientific papers about various topics.

Programme and references

- A collection of selected open access articles will be made available on the course page.
- Calvani, A. (2020). *Tecnologie per l'inclusione. Quando e come avvalersene*. Roma: Carocci.

Assessment methods

Oral exam with questions about texts in the programme

Office hours

An appointment can be booked using the following link:
<https://tinyurl.com/ricevimento-AM>

Programme validity

The programme is valid for two academic years.

Course tutors and assistants

Sustainable Development Goals

QUALITY EDUCATION | REDUCED INEQUALITIES
