UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Workshop in Technologies for Teaching and Learning

2627-3-G8501R020

Course title

Teaching and Learnin Technology Workshop

Topics and course structure

The workshop, which runs throughout the academic year and is divided into sessions, aims to provide a foundation of knowledge and skills in the field of educational technology.

Each session will cover key aspects of setting up a technological environment in which teachers and pupils can fully explore what digital technology has to offer in support of teaching practices and learning methods.

In particular, each session will present tools and strategies for:

- digitisation and the production of multimedia content
- organising content and communicating with the class
- day-to-day work involving the manipulation and processing of texts, maps, diagrams, etc.

Objectives

Knowledge and understanding

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

Applying knowledge and understanding

- 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 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

- 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 is delivered in a blended format.

Various methodologies will be used, all with the common aim of allowing participants to experience the different options offered by digital technology in the field of education. The exercises will be structured in such a way as to allow participants to choose their own pace and level of difficulty. The teaching will therefore be 100% interactive.

Online and offline teaching materials

Slides, samples of digital learning materials in various formats, interactive content, video tutorials.

Programme and references

The basic reference text for the workshop will be the second part (pp. 65-114) of the book titled "Didattica senza barriere" by A. Mangiatordi, available online for free.

Assessment methods

The workshop does not contemplate exams: participation to classroom and online activities is all is needed to obtain its certification. No numeric evalulation is given.

Office hours

Students must ask directly to the workshop leaders for appointments.

Programme validity

This programme is valid for academic year 2025-26 only.

Course tutors and assistants

Sustainable Development Goals

QUALITY EDUCATION