UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Technology in Education (blended)

2324-1-F5701R003

Course title

Technology of education

Topics and course structure

Topics and course structure

- The informational Society
- On line didactics
- On line Learning environment
- Multimedia Learning object
- E-learning
- Case study
- Community of practice and learning community
- E-learning trends with a focus on artificial intelligence

Objectives

This course, through a constant and attended attendance to the lessons and to the Laboratory connected to the course, intends to promote the following learning, in terms of knowledge and understanding of the following topics:

- To provide essential knowledge of theories about e-learning and on line didactic in adult education;
- To provide essential knowledge of learning models and on line and blended teaching methods;

- to develop skills and competency in lifelong learning and training needs analysis;
- to develop skills in managing training sessions in the classroom and on line in group or individual session,
- to provide essential knowledge of the teaching methods;
- to develop skills in design and evaluation of training applications.

Methodologies

This course is delivered according to Blended Learining methodology. It will provide a continuum of classroom activities and on-line activities and will be divided into two modules consisting of one lesson per week, materials, video lessons and online presentations, and two project to be conducted with the support of a tutor on-line

Frontal lectureworkgroup

Web conference

On line discussion

e-tivites

Online and offline teaching materials

Video, Slides, learning objects and other digital resources available from e-learning course

Programme and references

1. P. Ferri, S. Moriggi, (2023), A scuola con le tecnologie. Insegnare e appredendere nel digitale (edizione aggiornata), Mondadori, Milano. Parte 1 La società informazionale e la fine del masse media. Capitolo 1, 2, 3.

2. Rivoltella P.C. (a cura di), Apprendere a distanza. Teoria e metodi, Raffaello Cortina, Milano, 2021
   Parte 1. Capitolo 1, Capitolo 4
   Parte 2. Capitolo 1, Capitolo 2, Capitolo 3 (Scheda 3,4,5), Capitolo 4
   Parte 3. Capitolo 1, Capitolo 2 (Scheda 6,7), Capitolo 3, Capitolo 4 (Scehda 8), Capitolo 5
   Parte 5. Capitolo 1, 2 (Scheda 12)
   o
   Sancassani S., Valbodoni V., Brambilla F., (2023), La ricerca del giusto mezzo. Strategie di equilibro tra aula e digitale., Pearson Ediz. MyLab. Con Contenuto digitale per accesso on line

3. Manivich L. (2023), Culturla Analytics. L'analsi computazionale delle cultura. Cortina, Milano

4. Choose a chapter from among those listed under point 2 (Rivoltella 2021) to be used for the first exercise (see platform activity description).

All students who do not do the exercises must compulsorily bring four volumes to the exam

Assessment methods

The test is oral and the questions cover:

- videos of lectures uploaded onto the platform (for all)
- discussion of the exercises carried out during the course (for those attending)
- volumes brought to the examination (for all)

During the test, the following will be assessed

- the level of knowledge of theory (exposition);
- the ability to exemplify concepts (understanding);
- the ability to use and apply (development);
- the appropriateness of language.

Translated with www.DeepL.com/Translator (free version)

Office hours

On appointment

Programme validity

Two Accademic years

Course tutors and assistants

Isabella Quatera

Francesca Scenini

Sustainable Development Goals

QUALITY EDUCATION