-. Technologies of Education and Learning

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COURSE AIMS AND INTENDED LEARNING OUTCOMES

The general aim of the course is to reflect on the implications of technologies in learning, educational and instructional processes, highlighting the positive value of technologies and the critical elements brought into the field. Specifically, the course aims to:

1. provide a complete picture of the study and research landscape regarding the subject of technologies in different educational and learning settings;
2. reflect on the implications of technologies in relational, emotional and knowledge terms;
3. develop a critical approach to the study of technologies, as a teaching and educational choice, as a connector between formal and informal, and as an object of study for those involved in education, avoiding flippancies and exclusions.

Intended learning outcomes

The intended learning outcomes regarding *knowledge and understanding* are:

* know and understand the fundamental points of the theoretical frame of reference with respect to the meaning of technologies for education and learning, being familiar with the authors of reference;
* describe the historical evolution of technologies applied to educational contexts in relation to the evolution of learning models;
* identify the forms of youth media consumption, the models of e-learning and didactics with technologies.

The expected learning outcomes regarding the *ability to apply knowledge and understanding* are:

* analyse and choose the technological solution appropriate to the context and to the educational and training purposes of a project;
* evaluate media consumption and prepare educational intervention strategies in this regard;
* design digital educational contents for a target audience.

COURSE CONTENT

The main lecture topics will be the following:

- Technologies, education and learning: definitions

- Technologies and teaching situations: technologies for education

- Places of teaching and learning with technologies: going beyond the classroom

- Technologies and knowledge: representing, communicating and sharing

- Teaching and learning between in-person and online: methodological attention

- Video, cinema and digital media in the classroom

* Media Education, Peer Education, Peer & Media Education: which method perspectives.

READING LIST [[1]](#footnote-2)

PC Rivoltella - PG Rossi (Eds.), *Tecnologie per l’educazione*, Pearson, Milan, 2019 (Introduction and Chapters 2, 3, 7, 9, 10, 12, 13, 16, 17). [Purchase from VP](https://librerie.unicatt.it/scheda-libro/autori-vari/tecnologie-per-leducazione-ediz-mylab-9788891909336-557751.html)

and a text chosen from:

D. Bramanti - ML Bosoni (Eds.), *Famiglie, infanzia e servizi educativi*, Vita e Pensiero, Milan, 2021.

C. Ferranti, *Giocare e apprendere con le tecnologie. Esperienze da 0 a 6 anni*, Carocci Faber, Rome, 2018. [Purchase from VP](https://librerie.unicatt.it/scheda-libro/cinzia-ferranti/giocare-e-apprendere-con-le-tecnologie-esperienze-da-0-a-6-anni-9788874667857-552595.html)

S. Tisseron, 3-6*-9-12. Crescere al tempo degli schermi digitali,* ELS La Scuola, Brescia, 2016.[Purchase from VP](https://librerie.unicatt.it/scheda-libro/serge-tisseron/3-6-9-12-diventare-grandi-allepoca-degli-schermi-digitali-9788835043423-235750.html)

Further reading suggestions may be communicated at the beginning of lectures and will be made available on the lecturer's webpage and on the Blackboard platform; on Blackboard, students will be able to find covers and back covers of the texts, so as to better guide their choices in terms of interests and professional fields.

***TEACHING METHOD***

The course follows an integrated teaching approach that includes classroom lectures and some seminar lectures co-presented by media education and technology specialists, using interactive teaching with sessions dedicated to troubleshooting and tutorials.

The course also provides an opportunity to follow the MOOC "3-6-9-12" (online and free course of the Catholic University delivered through the Blackboard Open Education platform). This is not compulsory, but rather the student's own choice. The material used in lectures (articles, video stimuli, slides) is available on the Blackboard platform, organised in folders.

During lectures, the BYOD (bring your own device) framework will be used for quick practical activities or the analysis of apps and digital resources.

***ASSESSMENT METHOD AND CRITERIA***

An oral exam. The exam includes questions on the texts and materials used in lectures, which students will find on the platform. The elements assessed in the oral exam will be presentation clarity, knowledge of the general subject lines, critical reflection, and the ability to connect general issues to the specific issues addressed.

***NOTES AND PREREQUISITES***

There are no prerequisites for attending the course. However, intellectual interest and curiosity in technologies are assumed, even without the possession of refined technological skills or abilities.

*Should the current Covid-19 health emergency not allow face-to-face teaching, remote teaching will be guaranteed using methods that will be communicated in good time to students.*

Information on office hours available on the teacher's personal page at http://docenti.unicatt.it/.

1. The texts indicated in the reading list may be purchased at the University bookstores; they may also be bought from other outlets. [↑](#footnote-ref-2)