# Education and Learning Technologies

## Prof. Serena Triacca

***COURSE AIMS AND INTENDED LEARNING OUTCOMES***

The course aims to explore the nature and the effects of education and learning technologies on the different fields in which they can be used: the socio-educational sphere, organisations, schools, *lifelong learning.*

*Knowledge and understanding*

At the end of the course, students will be able to:

* illustrate the fundamental points of the theoretical reference framework of *education technology* and *media education*;
* illustrate the connection between the historical evolution of technologies and the pedagogical orientations relating to different concepts of learning;
* describe the characteristics of online learning systems;
* critically read the didactic approach to the use of technologies from a perspective of facilitating learning and building participatory and interactive logics;
* distinguish and discuss the functions of technologies in the educational field;
* reflect on the opportunities and challenges that digital media offer to educators, in relation to the different ages of life.

*Ability to apply knowledge and understanding*

At the end of the course, students will be able to:

* analyse and choose the technological solution appropriate to the context, to the target and to the educational and training purposes of a project.

***COURSE CONTENT***

The course will be focused on the following topics:

* history and principles of educational technologies;
* methodological attention for integrative teaching and learning between face-to-face mode and network;
* functions of technologies;
* birth and evolution of *media education*;
* *peer&media education*;
* educating to screens between family, nursery school and kindergarten;
* *digital storytelling* and educational documentation.

***READING LIST***

P.C. Rivoltella, P.G. Rossi (eds.), *Tecnologie per l’educazione*, Pearson, Milan, 2019. (Introduction, Chapters 2, 3, 7, 9, 10, 12, 13, 14, 16, Glossary).

C. Ferranti, *Giocare e apprendere con le tecnologie. Esperienze da 0 a 6 anni*,Carocci Faber, 2018.

M. Ranieri, *Tecnologie per educatori socio-pedagogici. Metodi e strumenti*,Carocci, Roma, 2020. (Chap. 2 “Tecnologie per formare e contesti socio-educativi” e Chap. 3 “Tecnologie educative e formative nel ciclo di vita”).

A tetbook to choose from:

A. Carenzio, E. Farinacci, *Dentro Black Mirror. Media, società, educazione*, Morcelliana, Brescia, 2023 (Introduction, Chapters 2, 3, two factsheets to choose from Chapter 4).

M. Marangi, *Addomesticare gli schermi. Il digitale a misura dell’infanzia 0-6,* Morcelliana, Brescia, 2023 (Introduction and conclusions, three chapters of your choice)

M. Ranieri, *Tecnologie per educatori socio-pedagogici. Metodi e strumenti*,Carocci, Roma, 2020. (Chapters 2, 3).

The teaching material used in class – that will be made available on Blackboard during the course – will be considered as part of the reading list for the final exam.

***TEACHING METHOD***

The course, based on an integrated teaching methodology, includes teaching activities carried out according to the format of the interactive lesson, of guided practical activities and of in-depth study fostered by expert testimony and case study proposals..

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

All the teaching material will be made available on Blackboard, where students will be allowed to join discussions on the topics explained during the course. For this reason, they are strongly invited to register on the Blackboard page of the course (for further information, they can watch the tutorial on iCatt).

Furthermore, students will have the opportunity to attend the MOOC connected with the themes addressed (a free online course organised by UCSC).

***ASSESSMENT METHOD AND CRITERIA***

The oral exam is aimed at verifying the acquisition and correct understanding of the contents of the textbooks in the reading list, the topics covered in class and the didactic material online available. Such teaching materials do not replace the study of the texts, but should be supplemented to them.

The interview is aimed at assessing the students’ reasoning skills and analytical rigour concerning the topics covered by the course, as well as their command of the subject-specific language. The assessment criteria will be: correctness of the answers, clarity of presentation, critical reflection, ability to connect general issues to the specific topics addressed and to adequately justify statements, analyses and judgments.

***NOTES AND PREREQUISITES***

There are no prerequisites for attending the course.

Further information can be found on the lecturer's webpage at http://docenti.unicatt.it/web/searchByName.do?language=ENG or on the Faculty notice board.