# Specialist Module with Workshop: Distance Learning Courses Planning and Management

## Prof. Massimiliano Andreoletti

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

Course aim:

1. consideration of the characteristics of learning activities and the specific characteristics of distance learning (DL);

2. analysis and assessment of DL paths created during the course;

3. planning DL paths.

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

1. identify the learning needs of students;

2. describe skills (transversal and disciplinary), knowledge and abilities regarding a DL path;

3. define learning objectives of DL in terms of a predefined subject/topic;

4. organise a DL path based on the student’s objectives, skills and knowledge;

5. identify the right teaching strategy for reaching the predefined learning aims;

6. to construct the right assessment tools for the predefined aims;

7. manage digital and online environments for DL exercises.

***COURSE CONTENT***

The course is structured around the analysis of five fundamental DL topics:

1. Planning DL learning paths (both as exercises during the course and as the final plan);

2. DL specific teaching methods;

3. Presence and roles in DL teaching;

4. Online platforms for managing DL paths;

5. Web tools and resources in support of DL teaching.

The following syllabus is foreseen

MODULE 1 - Introduction

- Contents: FaD meanings; EQF; Skills; Goals

- Technologies: Mentimeter, Paddlet, PlayPosit, video

MODULE 2 - Design issues: analysis of training needs and goal setting

- Characteristics, differences and unique features of the concepts of "competence", "ability" and "knowledge”; Instructional Design Model; design analysis to identify critical elements (knowledge/skills). SAMR model, Types of learning, Education Architectures and Teaching Strategies.

- Technologies: Google Drive, Google Classroom

- Activities: Designing a FaD course (design)

MODULE 3 - Issues inherent in design: evaluation of the intervention and digital technologies supporting training interventions

- Contents: from learning goals to assessment; education architectures and online teaching strategies

- Technologies: Google Drive, Google Classroom, Telegram

- Activities: Evaluating the FaD project (design)

***READING LIST***

To support the training activities, materials published on the Blackboard platform will be provided.

The course reference textbook is:

- Clark Ruth Colvin-Mayer Richard, “*e-Learning and the Science of Instruction*”, Hoboken (New Jersey - US), Wiley, 2016, 4th editions.

- Mayer Richard, “*Multimedia Learning*”, Cambridge (UK), Cambridge University Press, 2021, 3rd editions.

* Bonaiuti Giovani, Dipace Anna, “*Insegnare e apprendere in aula e in rete*”, Roma, Carocci, 2021.
* Rivoltella Pier Cesare, "*Apprendere a distanza. Teorie e metodi*", Milano, Raffaello Cortina Editore, 2021.

***TEACHING METHOD***

The course is organised as follows:

– lectures in class/in the multimedia lab;

– online platform activities (Telegram, Blackboard, Google Classroom e Workspace, Mentimeter, PlayPosit) and web tools and resources;

– group and individual activities;

– planning DL exercises;

– accounts from experts within the DL sector.

***ASSESSMENT METHOD AND CRITERIA***

Assessment will be based on the creation of a project document (project grid and implementation grid) related DL in accordance with the tutor and its implementation within a digital learning environment. Students will be assessed on how autonomous they are in the following areas:

1. identification of the recipient of teaching;

2. definition of the learning needs of the recipient expressed in terms of skills: skills aims, knowledge ability);

3. definition of the most appropriate online learning environment for reaching the predefined goals;

4. constructing a learning path in stages;

5. defining the assessment tools adopted for the analysis of the levels of mastery reached by course students.

***NOTES AND PREREQUISITES***

*Prerequisites*

There are no prerequisites for attending the course. However, students should be willing to participate in individual planning of learning paths (continuous), and to share their personal skills and interests with the other participants their personal skills.

In case the current Covid-19 health emergency does not allow frontal teaching, remote teaching will be carried out following procedures that will be promptly notified to students.

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.