



Course Syllabus

Course Code	Course Title	ECTS Credits
MULT-452	Multimedia-Based Learning	6
Prerequisites	Department	Semester
MULT-363	Design & Multimedia	Spring
Type of Course	Field	Language of Instruction
Required	Applied Multimedia	English
Level of Course	Lecturer(s)	Year of Study
1 st Cycle	Dr Christiana Ioannou	4 th
Mode of Delivery	Work Placement	Corequisites
Face-to-face	N/A	N/A

Course Objectives:

The evolution of telecommunication changes in student demographics and the need for lifelong professional development have increased interest in multimedia-based learning.

The main objectives of the course are to guide the students in:

- Inventing engaging learning activities
- Targeting specific goals
- Creating online tests and assessments

This course will also help students select media, ensure reuse of content, specify learning objects, design the display, and make courses navigable.

Learning Outcomes:

After completion of the course students are expected to be able to:

1. Describe what e -learning design and multimedia learning is
2. Identify and design (based on best practices) absorb-type activities
3. Identify and design (based on best practices) do-type activities
4. Identify and design (based on best practices) connect-type activities

5. Accurately and fairly assess the success of learning through the design of tests
6. Make Strategic decisions regarding which of the many types of e -learning will work best for their learners
7. Express his/her opinion with respect to the evaluation of e-learning material.

Course Content:

1. **What is e -learning design and multimedia learning?**
2. **Absorb-type activities:** How can learners acquire information - How do I design activities where learners read, watch and listen?
3. **Do-type activities:** How do/can learners practice, explore, and discover.
4. **Connect-type activities:** How do learners link what they are learning to prior learning, to work, and to life?
5. **Tests:** How do I accurately and fairly assess the success of learning?
6. **Topics:** How do I design modules of e -learning to accomplish specific learning objectives - How do I make them reusable.
7. **Mobile Learning:** What is mobile learning?
8. **Lessons:** How do I design learning objects to cover broad areas or ambitious learning objectives?
9. **Social Learning and Evaluation:** How do we evaluate e-learning systems?

Learning Activities and Teaching Methods:

Lectures, Practical Exercises and Assignments, Blended Learning.

Assessment Methods:

Final Project, Mid-term Exam, Assignments/Homework, Participation/Attendance

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
E-Learning by Design	Horton, W.	Pfeiffer	2012	0470900024 http://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=407813&site=ehost-live

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
E-Learning and the Science of Instruction	Clark, R.C. & Mayer, R.E.	Pfeiffer	2011	978-0-470-87430-1 e-book available at: http://site.ebrary.com/lib/unicosia/detail.action?docID=10488509&p00=e-learning+science+instruction