

EE14 -Digital and Information Technology Literacy

Tutor: Athanassios Jimoyiannis

Semester: 4th

ECTS: 4.5

Short Description:

The general objective of this course is for students a) to understand the epistemological framework of digital literacy and its impact on personal and social life, and b) to develop a broad view of digital literacy policies. Emphasis is placed on social media and the use of Web 2.0 applications.

The content is structured along four axes:

- • Digital literacy
- • Information technology literacy and formal education curriculum
- • Social media
- • Digital literacy policies

Aims:

Specific objectives of the course are for students to be able

- to develop an integrated view of digital literacy as an independent scientific field
- to critically examine the Informatics and ICT curricula for comprehensive education
- to recognise the role and the impact of social media (Web 2.0) in personal and social lives

- to be aware of and analyse the national and European policies about digital literacy.

Learning Outcomes:

After having completed this course, students will be able

- to recognise the dimensions of digital literacy
- to understand the factors of digital divide and its impact on individuals and societies
- to be aware of the Informatics and ICT curricula in education
- to familiarise themselves with Web 2.0 applications and to analyse their role in education and the modern society
- to develop a complete view of digital literacy policies at national and European level.

Structure:

The course comprises lectures on theoretical subjects and learning tasks in the computer laboratory and the e-learning platform. The course is supported by a specific e-learning platform that has been set by the eLearning Research Group (<http://moodle.korinthos.uop.gr>).

Assessment:

Student assessment is based on individual assignments (20%), a group project during the semester (30%), and the final written exams (50%).

Bibliography:

Course folder (instructor's notes, worksheets, articles, online sources etc.), which is updated every academic year.

