

# Digital Literacy in a Lifelong Learning Programme for Adults: Educators' Experiences and Perceptions on Teaching Practices

*Athanassios Jimoyiannis, University of Peloponnese, Greece*

*Maria Gravani, Open University of Cyprus, Cyprus*

---

## ABSTRACT

*The study presented explores aspects of adult learning on digital literacy in the context of a lifelong learning programme for social cohesion in Greece. The article outlines the framework of the digital literacy subject and underlines its associated objectives regarding adults' knowledge and competence in Information and Communication Technologies (ICT). The exploration draws upon the experiences and perceptions of eight adult ICT educators. The findings reveal that the educators tried to use flexible instructional practices that were adjusted to adult learners' needs and interests. Common effective instructional practices used were: ICT competence sessions, interdisciplinary and multi-literacy lessons, ICT-based projects, individual instruction sessions. Additionally, the article reveals the difficulties that adults faced in the course of developing ICT literacy skills. The article ends with implications for the design of adult digital literacy courses in lifelong learning programmes, and for the preparation and development of the ICT educators in the years to come.*

*Keywords: Digital Literacy, Lifelong Learning, Teaching Practices*

---

## INTRODUCTION

The rapid advancement of Information and Communication Technology (ICT) during the last decades has radically affected citizens' individual and social

lives and transformed the industrial-centred society to a new, dynamic society described as *information society*, *knowledge society* or *global universal society*. This has presented new challenges to most adults, as they have to constantly keep up with the changes

DOI: 10.4018/jdlc.2010101903

around them. Today, more than ever, adult learners need to update their knowledge for skills improvement, job advancement, personal growth and understanding (Lawson, 2005). Career and job changes are commonplace, and as a consequence adults must be able to acquire new skills so that they succeed and survive.

Since the late 1990s, only literacy and numeracy have been considered to be the basic skills for social and labour success. However, ICT literacy is nowadays considered as being a third important skill for work force and life alongside literacy and numeracy (EC, 2000a, 2001; DfES, 2003; NIACE, 2005). Within Europe, ICT has been identified as a key goal of educational policy and a major strategy aiming at helping EU citizens to participate in the 21<sup>st</sup> century *knowledge society and the knowledge-based economy* (EC, 2000b, 2001).

During the last decade, there has been an extensive discussion about *digital divide*, the divide between people who have access to technology, computers and the Internet and those that do not. Recently, the extension of the digital divide concept beyond mere physical access to computers and the Internet, gains attention and constitutes a central policy and research issue (Selwyn, 2004; Van Dijk & Hacker, 2003; Van Dijk, 2006). The digital divide and the consequent information divide do not only exist between industrialised nations and developing countries. There is also a dichotomy, within individual

societies, between those with easy access to digital media and an abundance of information, and those who do not know how and where to find information, and furthermore, do not understand the value of information and how it can help them in their day-to-day lives (Goulding, 2001).

Improving adult digital and ICT literacy levels is fundamental in terms of bridging the digital divide and effectively confronting the issues of exclusion and marginalisation that accompanies the increasing importance of ICT-mediated activities in modern social life. Increasing ICT usage by both young people and adults is considered as a critical factor in reducing inequalities and ensuring people's inclusion in the social, economic and political life of their communities and societies, so that they have an influence over their own life chances. It has become apparent that digital literacy is not just about using the computer and the growing interest about the Internet and mobile technologies. Undoubtedly, ICT training can motivate people to develop literacy, numeracy and language skills. Moreover, ICT competency is necessary not only for citizens to function efficiently on a personal level, but also to develop, advance and succeed in their professional lives, and become active citizens in the information age, thus contributing to the social and economic success.

On the other hand, ICT also impacts on the nature of literacy and numeracy practices in daily life practices, at home and in the social arena. Van Deursen

19 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage: [www.igi-global.com/article/digital-literacy-lifelong-learning-programme/39062](http://www.igi-global.com/article/digital-literacy-lifelong-learning-programme/39062)

## Related Content

---

### 21st Century Skills and Digital Storytelling in the Classroom

Nicoletta Di Blas (2016). *Handbook of Research on Media Literacy in the Digital Age* (pp. 306-330).

[www.irma-international.org/chapter/21st-century-skills-and-digital-storytelling-in-the-classroom/141706](http://www.irma-international.org/chapter/21st-century-skills-and-digital-storytelling-in-the-classroom/141706)

### An Enactivist Approach to Web-based Learning: Live Campus as a Proposal for a Learning Environment

Giuseppe De Simone, Diana Carmela Di Gennaro and Riccardo Fragnito (2015). *International Journal of Digital Literacy and Digital Competence* (pp. 64-74).

[www.irma-international.org/article/an-enactivist-approach-to-web-based-learning/137149](http://www.irma-international.org/article/an-enactivist-approach-to-web-based-learning/137149)

### Digital Media and Socialization

Mario Morcellini (2008). *Digital Literacy: Tools and Methodologies for Information Society* (pp. 45-66).

[www.irma-international.org/chapter/digital-media-socialization/8404](http://www.irma-international.org/chapter/digital-media-socialization/8404)

### Physics Students' Social Media Learning Behaviours and Connectedness

Rachel F. Moll, Wendy Nielsen and Cedric Linder (2015). *International Journal of Digital Literacy and Digital Competence* (pp. 16-35).

[www.irma-international.org/article/physics-students-social-media-learning-behaviours-and-connectedness/137147](http://www.irma-international.org/article/physics-students-social-media-learning-behaviours-and-connectedness/137147)

### The Bard and the Web: Using Vodcasting to Enhance Teaching of Shakespeare to Pre-Service English Teachers

Anita Jetnikoff (2010). *Technoliteracy, Discourse, and Social Practice: Frameworks and Applications in the Digital Age* (pp. 143-157).

[www.irma-international.org/chapter/bard-web-using-vodcasting-enhance/41459](http://www.irma-international.org/chapter/bard-web-using-vodcasting-enhance/41459)