Information Literacy & Smart Life-Long Learning: Knowledge Antidotes in Economic Crisis

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OWiL
Open Workshop on information Literacy

This is my story!
Winter.Is.Coming!
More change will happen in education in the next ten years than in the past one hundred.

Stephen Heppell (2011)
Surgery with Google Glass (2013)
MITx 1st course registrants > MIT living graduates (122,000)

June 2012
Education Revolution: MOOCs

Take the world's best courses, online, for free.

Join 4,706,556 Courserians.
Learn from 443 courses, from our 87 partners.
How it works »

STARTING SOON (94)

- **Pro-Calculus**
  University of California, Irvine, Oct 7th

- **Internet History, Technology, and Security**
  University of Michigan, Oct 7th

- **An Introduction to Financial Accounting**
  University of Pennsylvania, Sep 16th

- **Social Network Analysis**
  University of Michigan, Oct 7th

- **Data Management for Clinical Research**
  Vanderbilt University, Sep 16th

- **Asset Pricing**
  The University of Chicago, Sep 30th
Education Revolution: Video

Khan Academy

Learn almost anything for free

Explore computer science
Create beautiful art and design your own simulations while learning how to program.

Learn about PPACA or 'Obamacare'
Get a basic overview of the legislation sometimes called 'Obamacare'.

Practice your math skills
Practice your math skills from addition to calculus and everything in between.

BROWSE OUR LIBRARY

Math
- Arithmetic and Pre-Algebra
- Algebra
- Geometry
- Trigonometry
- Probability
- Statistics
- Precalculus
- Calculus
- Differential Equations
- Linear Algebra
- Brain Teasers
- Vi Hart

Science
- Biology
- Chemistry
- Organic Chemistry
- Healthcare and Medicine
- Physics
- Cosmology and Astronomy
- Reverse Engineering
- Brit Cruise
- MIT+K12
- LeBron Asks
- Projects

JOIN THE ACADEMY

Log in to Khan Academy
Log in, it's free
Create a profile, save your work, and earn badges.

OR

Subscribe to our courses
Enter your email to learn about new courses.
New Paradigm

Couros, 2008
‘Personalised’ Learning

Massification

18th

20th

21st

5th BC

11th

Personalisation

For all

Sources: For few

Source: Metakides, 2006
3D Virtual Worlds
Virtual Worlds Sensibilities

The Sense of **Self**
The Death of **Distance**
The Power of **Presence**
The Sense of **Space**
The Capability to **Co-Create**
The Pervasiveness of **Practice**
The Enrichment of **Experience**

Kapp, O’Driscoll, 2010
“When a technology becomes boring, that’s when the social effects become interesting”.

Clay Shirky, 2008
Virtual Worlds, Library & Librarians

• Alternative ‘face’ of typical Library services
  – Communication
  – User support & Training
  – Integration of Web Services
  – Learning Objects

• Communities

• Professional Development
OWiL
Open Workshop on information Literacy
University of Patras (Upatras)

• World Ranking*: #327
• Greece Ranking*: #2
• 24,460 students | 754 Faculty members
• 24 Departments in 5 Schools
• Prominent Research Center on ICT & Engineering

*Webometrics, 2012
Library & Information Services

• National & European Research Projects
• Institution-wide Services (e.g. Repository)
• ISO 9001:2000
• Openness- & Innovation-oriented
The Protagonists
Dr. Giannis Tsakonas

• Deputy Director @ Library & Information Services, University of Patras
• PhD in Information Science, Ionian University, Greece
• Postdoctoral Researcher in Cultural Data
Explosive Environment
Budget Cuts
Layoffs (?!)
Retirements
Reformation of Higher Education
E-Learning in Greek Higher Education?
Business As Usual

User Training & Support
Information Literacy @ Upatras

• User Seminars & Presentations
• Library Tours
• Digital & Printed Texts

Push vs. Pull?
Open Workshop (OWIL) in a nutshell

- Free
- Voluntary
- Open  
  - For all!
- Workshop  
  - Practice
- Distance Learning  
  - Computer-based
- Blended Learning  
  - Synchronous Meetings  
  - Asynchronous Activities
Training Needs Analysis

Target Audience:
Graduate & PhD Students

Survey
Interviews

Aim: What & How
Training Needs Analysis (2)

https://docs.google.com/spreadsheet/viewform?formkey=dEFUeFhkXztl
WMUw2MWttaUIHNVWjakE6MQ#gid=0
Skills, Knowledge, Attitudes

http://www.mindmeister.com/119798295
Syllabus Threads

1. Information Literacy
2. Academic Development
3. Life-long Learning
4. Professional Development
Educational Programs 2012-3

1. Research Innovation & Creativity
2. Information Literacy
3. Research Methodology Elements
4. Research Results: Authoring, Publishing & Presentation of Academic Work
5. Professional Development
Action-packed Learning

- Measurable Goal
- Essential information for that activity
  - Job behaviour that will reach the goal
  - Realistic activity for that behaviour

Source: http://blog.cathy-moore.com/
Blended Learning

a. Synchronous Workshops
   (weekly physical & virtual meetings)
   • Library & Information Services Lab
   • Virtual Immersive Learning Environment (Second Life)

b. Asynchronous Self-Study & Group work
   • Wiki (Community & Collaboration)
     openworkshop.pbworks.com
Asynchronous Collaboration (wiki)
Marketing

- Telephone, p2p
- Posters
- Documents to Departments
- E-mails
- Social Media
Administration on the Cloud

- Enrollment
  - Google Forms & Documents

- Communication
  - Blog (News, Announcements)
    openworkshop.wordpress.com
  - Facebook Page
    facebook.com/UpatrasOpenWorkshop
  - Twitter (IM) openworkshopUoP
  - Tag: #owilupatras
Learner Profile
85 Applicants

- Undergraduate: 22%
- Graduate: 44%
- PhD Candidates: 18%
- Faculty: 5%
- Teaching Personnel: 9%
- Other: 2%
Evaluation
Evaluation Results: Learning Potential

Further Learning Desire (Answers 'Very' & 'Absolutely')

- Information Literacy
- Academic Development
- Life-Long Learning
- Professional Development
I liked Wednesday’s meeting very much. [...] I enjoyed the presentation mostly because beyond plagiarism critique, it offered practical alternative methods to avoid it. [...] I got several new ideas from this session.

Faculty Member Comment, 12/10/12
Spontaneous Open Self Reflection

Reaction

Motivation

Learning
Accomplishments
1st Greek University Program in Virtual Worlds
Learning without Time limitations

• 2 hours 35 minutes:
  Time Interval between the end of the 1st Meeting and and 1st student activity (edit) in the Course’s Wiki

• 57.9%:
  Percentage of student activity in the Wiki after midnight during the first week (64.3% after 9 pm)
The end of Geography

Recorded Access Points:
• Greece
  Patras, Athens, Corfu, Rhodes
• France
• The Netherlands
• USA
1st Mendeley Training in a 3D Environment (worldwide) by G. Tsakonas
Open Workshop Impact

• >25,000* views of OERs
• >40,000* Facebook reach
• 7 Academic Papers, Articles & Presentations
• Open Education 2030 Higher Education
• Top results in search engines
• Publicity (local, scientific)

*October 2012
Lessons Learned

• Economic Crisis -> Unemployment -> Skills Demand Increase
• Libraries can help!
• Interdisciplinarity works!
• Everyone loves flexibility!
• Information Literacy Syllabus Enrichment & Relaxed Structure lead to Strong User Commitment & Ownership
• Immersion lead to Staff Transcendence
21st Century Library: Destination for Skills Acquisition
Open Workshop Links

• Wiki - [http://openworkshop.pbworks.com](http://openworkshop.pbworks.com)
• Blog - [http://openworkshop.wordpress.com](http://openworkshop.wordpress.com)
• Slideshare - [http://www.slideshare.net/stylianosm](http://www.slideshare.net/stylianosm)
• Facebook - [facebook.com/UpatrasOpenWorkshop](http://facebook.com/UpatrasOpenWorkshop)
• Twitter – [OpenWorkshopUoP](http://OpenWorkshopUoP)
• Second Life - [Upatras Open Workshop](http://Upatras Open Workshop) (group)
• E-mail - [smyst@upatras.gr](mailto:smyst@upatras.gr)