If You Build it They Will Use: Creating and Sharing Open Educational Resources to Advance Information Literacy

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Agenda

• Background / Context

• OER Development

• Sharing OERs

• Future Directions
Background

• Institute of Technology Tallaght (ITT Dublin)

• Range of courses / 4500 FTEs

• IL & OER strategic focus:

  - Strategic Plan (2009-2014)
  - Learning, Teaching & Assessment Strategy (2011)
“Open Educational Resources (OERs) are any type of educational materials [...] that anyone can legally and freely copy, use, adapt and re-share [...] OERs range from textbooks to curricula, syllabi, lecture notes, assignments, tests, projects, audio, video and animation.” (UNESCO)
OERs to Advance IL

• May 2010 - aimed at undergraduates / postgraduates
• Self-paced / interactive / 24x7
• Research, critical thinking, academic integrity, referencing, academic skills
• Original resources
• Sustainable / reusable under Creative Commons
Planning – ADDIE Model

- Analysis
- Design
- Develop
- Implement
- Evaluate
Instructional Design

- Biggs’ Model of Constructive Alignment (1999)
  - generic learning outcomes
  - learning activities
  - assessment methods

- Active learning / range of learning styles
• Detailed storyboarding
• Sequenced learning structure / self-paced
• Use of visuals / logo
• Language / consistent font / bullet points
• Accessible
Development Tools

• OERs created with Articulate Studio 09
• Engaging content / quizzes
• Non technical / easy to use functionality
• SCORM compliant
Launch of OERs

- September 2010 - extensive usability testing / feedback / piloting

- SCORM (sharable content object reference model) 1.2 compliant

- W3C AAA (Web Content Accessibility) Guidelines 1.0

- Creative Commons Attribution-Non-commercial-Share Alike 4.0 International licence

- Available via multiple delivery platforms (website, institutional repository, VLE)
Implementation

• Tutorials embedded into academic modules via Institute VLE – Moodle

• Quizzes facilitate grading / assessment

• Blended approach – face to face / online
• Learning to Learn
  - compulsory 1\textsuperscript{st} year module
  - IL explicit learning outcome

• September 2014 – OERs embedded in over 50 academic modules
OERs Usage


Total Completions: 5944

- Undergraduate: 76%
- Postgraduate: 10%
- Academic: 8%
- Support staff / other: 6%

Total Completions: 5944
OERs - Usage by Country


Total Completions: 548
Evaluation Methods

• SurveyGizmo

• VLE/Google Analytics

• Focus Groups

• Online Repositories
Feedback

Students

• Improved IL competencies
• Independent learning
• Transition into higher education

Staff

• Enhanced course content
• Accessibility of resources
• OER advocates
“Great tutorial - very good explanation of plagiarism and how to avoid it. Thought the quiz was very useful - meant I could check that I understood the material in the tutorial.”

“As a new student this online resource has made my introduction to college a lot easier, and helped me with my studies. I feel that I am more likely to succeed now at all levels of my course”

“An excellent learning resource – but please add some audio for students with reading difficulties, video content would also be of help.”
Value of OERs

- Enhance Teaching Practice
- Share Best Practice
- Enrich Learning Experience
- Collaboration
- Community of Practice

Value
• Institutional repositories / national learning object repositories

• Conferences, seminars, workshops, professional networks

• Publications
Information Literacy Resources - to be sure!

Posted by Louise Egan on 17th March 2014

To coincide with March being the month of St. Patrick and all things Irish, JORUM is delighted to present 5 Featured Resources.

These Information Literacy resources have been created at the Institute of Technology Tallaght in Dublin (ITT Dublin). In fact, online tutorials created by the ITT Dublin covering research, referencing, plagiarism and core academic skills. The fifth tutorial Irish University University College Dublin (UCD), has repurposed one of ITT Dublin’s original titles. Author Jenny Callanan, ITT’s Plagiarism resource to create a new OER for plagiarism.

I selected the IT Tallaght Plagiarism Tutorial as it was simple and comprehensive. UCD
If You Build it They Will Use
Challenges / Lessons

- Staffing / time / funding
- Limited training - pedagogy / online design
- Diversity of student body
- Technical / functionality / accessibility & discovery
- Explicit licencing details
Future Directions

- Develop / integrate
- Audio / video
- Language
- Mobile
- Share
Thank You

ITT Dublin library OERs at:

http://library.ittdublin.ie/screens/tut.html

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References


References


Image Attributions

Slide 1: Opensource.com
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