How can academic libraries support online learning?

Online tutorials as a means to master information skills
The outset

- Plans to create online tutorial on information skills
- Experience with building tutorial for University of Antwerp
- Example tutorial KUL

→ Broadening the scope
The outset

Goal

→ Finding the best online tutorials in the world
→ Discovering best practices
→ Inspiration (content / presentation)

First step

→ To create an extensive list of online tutorials
What are we looking for?

• Non commercial

• Connected to an academic library

• Freely accessible (without membership of institution)

• Aimed primarily at students

• Some degree of interactivity

• Some degree of audio/visual enhancement of the content

• Not restricted to English
Focus

Formal aspects

- Media used (video, sound, interactive flash, etc.)
- Platform (wiki, Adobe captivate, flash, JavaScript, plain html)
- Interactivity (quizzes, exercises, “click to continue”)
- Interconnectedness (links internal/external to organization)
- Creation date/ last update
- Size of tutorial
Focus

Content features

- Standards (ref. Below)

- Target audience
  - High school
  - Undergraduates
  - Researchers
  - Staff

- Tutorial will help you with writing a...
  - Paper
  - Master/bachelor thesis
  - PhD thesis
  - Research article
A quick word on standards

Information Literacy Competency Standards for Higher Education

• American Library Association
• 2000

The SCONUL Seven Pillars of Information Literacy

• The Society of College, National and University Libraries
• 2011

Australian and New Zealand Information Literacy Framework (ANZIL)

• Australian and New Zealand Institute for Information Literacy
• 2004
The search (first attempt)

Search engines

- Duck Duck Go
- Google
Duck Duck Go search results

Information Skills Tutorial | a brief course in information ...
Information literacy amounts to being able to find, think critically about and use the information you need for whatever purpose you have in mind.
commons.esc.edu

Evaluate | Information Skills Tutorial - Empire State College
Not all information is good information. You have to analyze it to see if it meets your needs and basic quality control standards.
commons.esc.edu

HeLIOS - Hemingway Library Information Online Skills Tutorial
These tutorials are designed to help you learn the essential library and research skills that will assist you in finding information for papers and projects.
helios.weber.edu

Searching - Information Skills Resource - The University of ...
The information you use at university should come from academically credible sources. The tutorials below will help you to locate, navigate and evaluate these resources to make academically sound choices.
librarydevelopment.group.shfl.ac.uk

Tutorials - research and Information Skills, University of ...
Tutorials. The Library provides a range of programs and services to help you in your studies and research.
library.usyd.edu.au

Information skills tutorials - Using the Library - The ...
Information Skills Resource. It is essential for your studies to have effective strategies to: Clarify what information you need; Identify ways of finding this information.
sheffield.ac.uk
The search (first attempt)

Search engines

+ Easy

+ Quick

- Unwanted results

- Difficult to assess the quality of the tutorials that are found

- What did we miss?
The search (second attempt)

Guided search

• Search by institution

• Which institutions should we select?

→ University rankings
  ▪ Shanghai ranking
  ▪ QS university rankings
  ▪ Times Higher Education World University Rankings
The search (second attempt)

Guided search

- Fixed list
- Possibility for statistical analysis
- ‘Usual suspects’
- Best universities → best online tutorials?
- Library services not central in making of ranking
- Predominantly English
The search (third attempt)

Following links in scholarly articles

Examples:


- Shiao-Feng Su and Jane Kuo, *Design and Development of Web-Based Information Literacy Tutorials*, 2010
The search (third attempt)

Following links in scholarly articles

+ Tutorials already analyzed
+ Examples from multiple languages
- Publication delay
- What did we miss?
- Dead links
The search (conclusion)

Hybrid method

+ More diverse results
+ Better global spread of results
+ Allows for targeted search
+ Results in multiple languages

Other options

- Contacting institutions (through mail)
- Crowdsourcing
Conclusions

- Many good tutorials (but they are hard to find)
- Need for an easily accessible and highly visible consolidated list
  - Wikipedia?
- Room for collaborative efforts
  - Significant overlap in content
  - Combine resources and creative input
Output of the results

Possible methods of presentation

- ‘Just another’ Research article?
- Wikipedia page with links
Examples

1. Collaborative efforts

2. Multilingual tutorials

3. Graphic design
Collaborative efforts

- Giving credit to source tutorials
Acknowledgements

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Module 1
Information Cycle
How does a simple question or a single event in history become the focus of research and scholarly analysis?

Module 2
Investigating
Preliminary investigation of the assignment, the topic, and the research question will save you time and effort.

Module 3
Searching
Information is everywhere. Learn how to select the best sources for your particular information needs.

Module 4
Locating
Learn how to find books, download articles or obtain other information you need from Hesburgh Libraries and beyond.

Module 5
Evaluating
Don't get caught with the wrong information! Remember CAARP - Currency, Authority, Accuracy, Relevance, and Purpose.

Module 6
Utilizing
Give credit where credit's due. Apply appropriate ethical guidelines to the use of information.

Get Started!
PRIMO
ALA ACRL IS
Acknowedgements

Pot of Gold incorporates material from TIP, a tutorial developed by the University of Wyoming, ©2010 and the Begin Your Research tutorial, developed by the University of California Irvine Libraries Department of Education and Outreach in 2010. The creators of these tutorials generously allowed us to use their tutorial as a starting place for our own tutorial while allowing us to add, modify, and edit content as necessary. Hesburgh Libraries at the University of Notre Dame accepts full responsibility for the entirety of Pot of Gold but we want to acknowledge the organization, content and images that were borrowed from TIP and Begin Your Research. Where not otherwise noted, images and media originate with Hesburgh Libraries, University of Wyoming or University of California Irvine Libraries Department of Education and Outreach.

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Begin Your Research can be viewed at [http://www.lib.ucf.edu/how/tutorials/LibraryWorkshop/begin.html](http://www.lib.ucf.edu/how/tutorials/LibraryWorkshop/begin.html)

Pot of Gold was created collaboratively by Laurie McGowan, Instructional Designer, Tim Jones, UI/Graphic Designer, and Sherri Jones, Head of the User Services Learning & Assessment team for the Hesburgh Libraries.

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Collaborative efforts

- Giving credit to source tutorials
- Facilitating the use of (parts of) the tutorial
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Multilingual tutorials

- Few tutorials are multilingual
- Asset to support exchange students
Multilingual tutorials

• University of Sydney: 3 out of 12 tutorials available in Mandarin Chinese
  ▪ How to reference
  ▪ Plagiarism and academic integrity
  ▪ What is Endnote?

• Not the animation, but only the handout
You can also print a copy of the information in this learning tool in either English or Chinese (PDF). Test your skills and try the Referencing activities!
Multilingual tutorials

- University of Tokyo: full tutorial available in 6 languages
Research on the Internet on Web
We will teach you how to search for reference materials!
Graphic design
Wack
the ever-helpful and happy bird
He catches a variety of information with the maidenhair leaf-shaped antenna on his head! Although sometimes a bit goofy, he is a real doer who loves to take a chance.
Hobbies: Reading, watching TokyoBIG6 Baseball League
Special talents: Sliding, radio exercises No. 3 Favorite thing: red fuku,jinzuke pickles

Pente
the nihilistic Kappa DJ
Always wearing headphones, he looks a bit grumpy, but he teaches us all sorts of useful information.
Hobbies: listening to music, watering his cactus Favorite color: purple Mania: Making matsumaezuke pickles

Art by Hisanori
Using the Internet

The Internet offers more information than we could ever describe.

Some of that information is lacking in reliability, however. Polish your ability to judge information and become able to find useful information from within the huge quantity of information available.
Graphic design

- Animations in Adobe Captivate
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Links to tutorials

http://info.ub.hu-berlin.de/onlinekurs/
http://www.open.ac.uk/safari/
http://www.biblio.polimi.it/corsi-e-guide/tutorial/
http://www.biblioteche.unibo.it/portale/formazione/corso-di-information-literacy
http://webcursus.ubvu.vu.nl/cursus/default.asp?lettergr=klein&cursus_id=128
http://vmserver83.nuigalway.ie/LARK/LARK/index.html
http://info-lit.shrivenham.cranfield.ac.uk/index.html
http://sokogskriv.no/en/
http://pilot.scc.losrios.edu/pilot/intro/1_get_ready.html
http://www3.ub.lu.se/infokompetens//
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