

How can academic libraries support online learning?

Online tutorials as a means to master information skills

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Vrije
Universiteit
Brussel

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





Images Videos

Region ☐ OFF

- ✓ **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.shef.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

Google search results





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Information Skills Modules | Virginia Tech
[info-skills.lib.vt.edu/ ▾](http://info-skills.lib.vt.edu/)
 ... subject-matter learning from research **skills**, Virginia Tech's **Information Skills** Modules lead users through the thinking processes ... More **tutorial** resources.

Information skills tutorials - University of Sheffield
[https://www.shef.ac.uk/library/services/infoskills ▾](https://www.shef.ac.uk/library/services/infoskills)
 Information Skills Resource. Image of a student using the **Information Skills tutorials**. It is essential for your studies to have effective strategies to: Clarify what ...

Information Skills Resource - The University of Sheffield ...
[www.librarydevelopment.group.shef.ac.uk/ ▾](http://www.librarydevelopment.group.shef.ac.uk/)
 Home >, The University Library >, **Information Skills** Resource ... **Information** literacy will save you time, improve your grades, and help with employability.

HeLIOS - Hemingway Library Information Online Skills Tutorial
[helios.weber.edu/ ▾](http://helios.weber.edu/)
 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.

Information Skills Tutorial
[ist.glos.ac.uk/ ▾](http://ist.glos.ac.uk/)
Information Skills Tutorial. What will this tutorial teach me? Many students come to University with different levels of research skills. Some will not have used a ...

Digital and information literacy for students | Library ...
[www.open.ac.uk/library/node/40466 ▾](http://www.open.ac.uk/library/node/40466)
Information literacy is about developing your **skills** in finding, evaluating, using and ... Safari is an online **tutorial** which provides a guided expedition through the ...

Tutorials - research and Information Skills, University of ...
[www.library.usyd.edu.au/skills/ ▾](http://www.library.usyd.edu.au/skills/)
 Aug 6, 2014 - Page with links to **information skills**, assistance and advice.

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:

- Jesus Lau and others, ***Information Literacy : An International State-of-the-Art Report***, 2007
- Olof Sundin, ***Negotiations on Information Seeking Expertise : A Study of Web- Based Tutorials for Information Literacy***, 2008
- Mazzocchi Juliana, ***Online Video Tutorials in Italian Academic Libraries***, 2013
- 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

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[Library](#) > [LibGuides](#) > [Information Literacy Tutorial](#)

[Admin](#) [Sign In](#)

Information Literacy Tutorial

A module-based information literacy tutorial that addresses each stage of the research process, including selecting a topic, identifying information needs, selecting sources, locating information, evaluating information, and citing sources.

Last Updated: Dec 6, 2018 | URL: <http://libguides.uwc.ac.za/tutorial> | [Print Guide](#) | [RSS Updates](#) | [Email Alerts](#)

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How to Start

Welcome to the Information Literacy tutorial. There are **seven modules** to help you develop your knowledge and skill in working with information sources. The tutorial does not have to be completed in one sitting.

FIRST - Read the overall **Learning Objectives for Tutorial** (at right).

SECOND - Begin with **Module 1** and read each module in order. Before beginning a module, read its **learning objectives** first. Each module has an interactive quiz to test your understanding

Tutorial Contents

- [Module 1](#) - Orientation to UWC Library
- [Module 2](#) - Getting started on your assignment
- [Module 3](#) - Unpacking a reading list and finding the material
- [Module 4](#) - Searching a database
- [Module 5](#) - Evaluating sources of information
- [Module 6](#) - Working with published information and getting ready to write
- [Module 7](#) - Plagiarism, citing sources and bibliography, fair use

[Comments \(0\)](#)

Questions?

Please contact one of the members of the UWC Library Tutorial Team with any questions or comments:

- Zona Koen, Economic & Management Sciences Librarian, 021-959-2931
- Karen Cook, Community & Health Sciences Librarian, 021-959-2684
- Valda Knoll, Sciences Librarian, 021-959-2926

[Comments \(0\)](#)

Acknowledgements

UWC Faculty Librarians have written or adapted content from the Go for Gold Information Literacy programme and prepared the assessments which were coded by Mome Petersen of the UWC Library. Thanks to colleagues at Bloomsburg University of Pennsylvania for allowing UWC to use the Harvey A Andrus Library guide as a framework.

[Comments \(0\)](#)

Learning Objectives for Tutorial

WHAT DO YOU NEED?

The tutorial prepares students to --

- Make effective use of all Library facilities and services
- Pinpoint their information need: what / how much/ what type of information
- Explore a range of different academic information sources
- Identify information sources from a list of references
- Construct keyword searches to find relevant information
- Evaluate the quality of information
- Use the information effectively for an appropriate purpose
- Integrate new information with their own ideas and organise all information
- Structure their thoughts and writing
- Use information ethically and legally

[Comments \(0\)](#)

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Information Literacy Tutorial

HesburghLibraries
UNIVERSITY OF NOTRE DAME


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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.


[Instructor Notes](#)


Get Started!





Acknowledgements

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.



Tip can be viewed at <http://tip.uwyo.edu/> and is available through an Open Publication License. This material may be reproduced, distributed, or incorporated only subject to the terms and conditions set forth in the TIP Open Publication License.

Begin Your Research can be viewed at <http://www.lib.uci.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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SYDNEY

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LIBRARY ASK US NOW CONTACT US SITEMAP

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- > Search smarter, search faster!
- > What is a literature review?
- > What is Endnote?



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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

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How to reference

IMPORTANT: There are different styles of citing and referencing. You should check with your lecturer for the required style of referencing for your discipline. This tutorial will show you how to get started in referencing, using the APA style as an example. You should also check our [Referencing and Citation Styles guide](#)

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!](#)

Having trouble downloading the Certificate of Completion? Contact your [Faculty Liaison Librarian](#) for help.

How to reference

[Welcome](#)[Why reference?](#)[Introduction](#)[Reference types](#)[Links](#)

In this tutorial you will learn how to:

* There are different styles of referencing.

Multilingual tutorials

- University of Tokyo: full tutorial available in 6 languages



Graphic design



ネットでアカデミック on Web - Mozilla Firefox

literacy.dl.itc.u-tokyo.ac.jp/wack/contents/index_ja.html

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 fukujinzuke 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

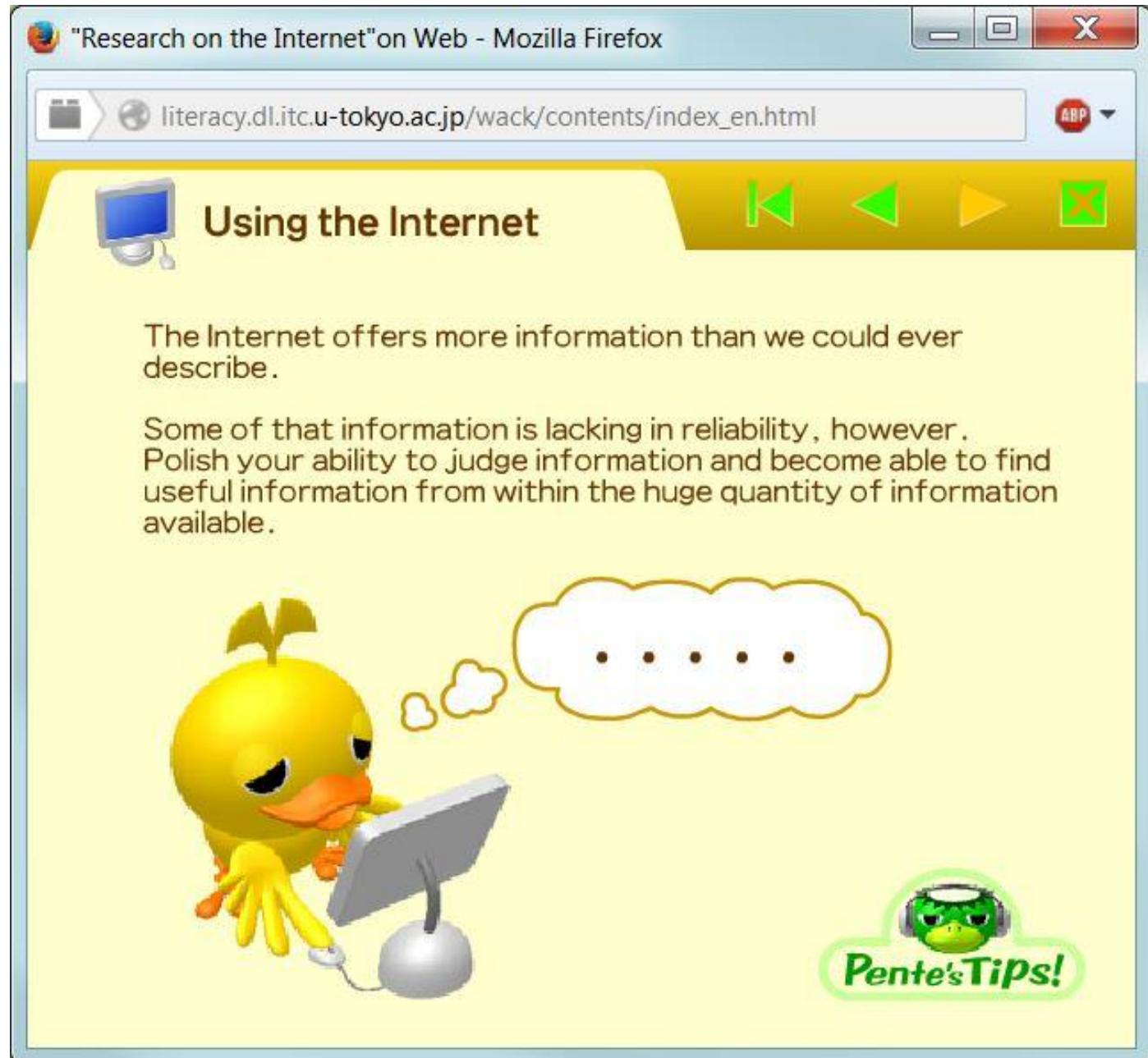
Favorite color: purple

Mania: Making matsumaezuke pickles



Art by Hisanori

Back



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//>

<http://bib.arts.kuleuven.be/bibliotheek/tutorial/>
<https://anet.ua.ac.be/wiki/auha/StartScherma>
<http://sydney.edu.au/library/skills/elearning/index.html>
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<http://libguides.uwc.ac.za/tutorial>
<http://www.lib.uci.edu/uc-research-tutorial/begin.html>
<http://help.library.ubc.ca/planning-your-research/tutorials/basic-library-tutorials/basic-library-skills-tutorial/>
<http://guides.library.uwm.edu/infolit>
<http://library.nd.edu/instruction/potofgold/>

References

- [1] J. Lau, S. France, C. McGuinness, D. Jager, K. Nassimbeni, P. S. Africa, and J. Peacock, "Information literacy : an international state-of-the-art report," 2007.
- [2] O. Sundin, "Negotiations on Information Seeking Expertise : A Study of Web- based Tutorials for Information Literacy," *J. Doc.*, vol. 64, no. 1, pp. 24–44, 2008.
- [3] B. Forest and W. Horton, "Overview of Information Literacy Resources Worldwide."
- [4] M. Marcinek and G. Koidla, "E-learning and B-learning information literacy programs at science and technology universities in Estonia , Finland , Latvia and Poland . A comparative," in *Proceedings of the IATUL Conferences*, 2011.
- [5] M. Juliana, "Online video tutorials in Italian academic libraries," *Int. J. Libr. Inf. Sci.*, vol. 5, no. 9, pp. 275–288, 2013.
- [6] E. B. Lindsay, L. Cummings, M. Johnson, and B. J. Scales, "If You Build It , Will They Learn ? Assessing Online Information Literacy Tutorials," pp. 429–445, 2006.
- [7] S. L. Silver and L. T. Nickel, "Are online tutorials effective? A comparison of online and classroom library instruction methods," *Res. Strateg.*, vol. 20, no. 4, pp. 389–396, Jan. 2007.
- [8] A. Bailin and A. Pen, "Online Library Tutorials , Narratives , and Scripts," vol. 33, no. 1, pp. 106–117, 2006.
- [9] J. Elmborg, "Critical Information Literacy: Implications for Instructional Practice," *J. Acad. Librariansh.*, vol. 32, no. 2, pp. 192–199, 2006.
- [10] L. Zhang, E. M. Watson, and L. Banfield, "The Efficacy of Computer-Assisted Instruction Versus Face-to-Face Instruction in Academic Libraries: A Systematic Review," *J. Acad. Librariansh.*, vol. 33, no. 4, pp. 478–484, Jul. 2007.
- [11] M. Fain, "Assessing Information Literacy Skills Development in First Year Students: A Multi-Year Study," *J. Acad. Librariansh.*, vol. 37, no. 2, pp. 109–119, Mar. 2011.
- [12] B. Detlor, H. Julien, and R. Willson, "Learning Outcomes of Information Literacy Instruction," *J. Am. Soc. Inf. Sci. Technol.*, vol. 62, no. January, pp. 572–585, 2011.
- [13] A. L. Daugherty and M. F. Russo, "An Assessment of the Lasting Effects of a Stand-Alone Information Literacy Course: The Students' Perspective," *J. Acad. Librariansh.*, vol. 37, no. 4, pp. 319–326, Jul. 2011.
- [14] S. J. Clayton, "Going the Distance: Library Instruction for Remote Learners," *J. Acad. Librariansh.*, vol. 33, no. 4, p. 519, Jul. 2007.
- [15] P. M. Beile and D. N. Boote, "Does the medium matter?: A comparison of a Web-based tutorial with face-to-face library instruction on education students' self-efficacy levels and learning outcomes," *Res. Strateg.*, vol. 20, no. 1–2, pp. 57–68, Jan. 2004.

- [16] C. Barnes, "MOOCs: The Challenges for Academic Librarians," *Aust. Acad. Res. Libr.*, vol. 44, no. 3, pp. 163–175, Sep. 2013.
- [17] K. Anderson and F. a. May, "Does the Method of Instruction Matter? An Experimental Examination of Information Literacy Instruction in the Online, Blended, and Face-to-Face Classrooms," *J. Acad. Librariansh.*, vol. 36, no. 6, pp. 495–500, Nov. 2010.
- [18] S. Abdullah, "Measuring the outcomes of information literacy: Perception vs evidence-based data," *Int. Inf. Libr. Rev.*, vol. 42, no. 2, pp. 98–104, Jun. 2010.
- [19] J. A. Hobin, C. N. Fuhrmann, B. Lindstaedt, and P. S. Clifford, "So You Think You Have Skills," 2012. [Online]. http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2012_09_21/caredit.a1200107.
- [20] B. S. Biradar, "Information Literacy Competency : A Study of Bioscience Students of Kuvempu University," in *8th international CALIBER*, 2011, vol. 2011, no. 445, pp. 445–455.
- [21] P. Nieuwenhuysen and P. Vanouplines, "New Types of Services and Documents in the Internet , and Their Impact on Information Transfer," 1997.
- [22] P. Nieuwenhuysen, "Information literacy courses at graduate and postgraduate level : some experiments and some experience some experiments and some experience," 1999.
- [23] J. Bollansée and K. U. L. Universiteitsbibliotheekdiensten, "Hoe maak ik een succesvolle tutorial informatievaardigheden ?," *Meta*, 2014.
- [24] P. Nieuwenhuysen and V. U. Brussel, "Informatiegeletterdheid : enkele stofjes tot nadenken," *Meta*, 2014.
- [25] M. Mounce, "Working Together: Academic Librarians and Faculty Collaborating to Improve Students' Information Literacy Skills: A Literature Review 2000–2009," *Ref. Libr.*, vol. 51, no. 4, pp. 300–320, Oct. 2010.
- [26] N. Johnston, "Is an Online Learning Module an Effective Way to Develop Information Literacy Skills?," *Aust. Acad. Res. Libr.*, vol. 41, no. 3, pp. 207–218, Sep. 2010.
- [27] M. Slebodnik and C. F. Riehle, "Creating Online Tutorials at Your Libraries: Software Choices and Practical Implications," 2011.
- [28] S. Yang, "Information literacy online tutorials: An introduction to rationale and technological tools in tutorial creation," *Electron. Libr.*, vol. 27, no. 4, pp. 684–693, 2009.
- [29] S.F. Su and J. Kuo, "Design and Development of Web-based Information Literacy Tutorials," *J. Acad. Librariansh.*, vol. 36, no. 4, pp. 320–328, Jul. 2010.
- [30] M. Gross and D. Latham, "Undergraduate Perceptions of Information Literacy : Defining , Attaining , and Self-Assessing Skills Undergraduate Perceptions of Information Literacy : Defining , Attaining , and Self-Assessing Skills," pp. 336–350, 2009.

- [31] M. Oakleaf, "The information literacy instruction assessment cycle: A guide for increasing student learning and improving librarian instructional skills," *J. Doc.*, vol. 65, no. 4, pp. 539–560, 2009.
- [32] I. R. Katz, "Testing Information Literacy in Digital Environments: ETS's iSkills Assessment," *Inf. Technol. Libr.*, no. september, pp. 3–13, 2007.
- [33] M. Pinto, J. a. Cordon, and R. Gomez Diaz, "Thirty years of information literacy (1977--2007): A terminological, conceptual and statistical analysis," *J. Librariansh. Inf. Sci.*, vol. 42, no. 1, pp. 3–19, Jan. 2010.
- [34] M. B. Eisenberg, "Information Literacy: Essential Skills for the Information Age," *DESIDOC J. Libr. Inf. Technol.*, vol. 28, no. 2, pp. 39–47, Mar. 2008.
- [35] A. K. Boekhorst, "Becoming information literate in The Netherlands," *Libr. Rev.*, vol. 52, no. 7, pp. 298–309, 2003.
- [36] G. Marchionini, "From finding to understanding," *Commun. ACM*, vol. 49, no. 4, pp. 41–46, 2006.
- [37] J. J. Doherty, M. A. Hansen, and K. K. Kaya, "Teaching Information Skills in the Information Age : the Need for Critical Thinking," *Libr. Philos. Pract.*, vol. 1, no. 2, pp. 1–9, 1999.
- [38] P. Iannuzzi, "Information Literacy Competency Standards for Higher Education," *Community Jr. Coll. Libr.*, vol. 9, no. 4, pp. 63–67, Dec. 2000.
- [39] J. Jarson, "Information literacy and higher education A toolkit for curricular integration," *C&RL News*, no. november, pp. 534–538, 2010.
- [40] C. Basili, "Report on Current State and Best Practices in Information Literacy," 2011.
- [41] S. W. G. on I. Literacy, "The SCONUL Seven Pillars of Information Literacy," 2011.
- [42] C. Bruce, "Seven Faces of Information Literacy in Higher Education." [Online]. Available: <http://www.christinebruce.com.au/informed-learning/seven-faces-of-information-literacy-in-higher-education/>.
- [43] A. Bundy, *Australian and New Zealand Information Literacy Framework principles, standards and practice*. 2004, p. 48.