

## Instructional Technology Resources in CCOL and Online

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These are resources specifically for the Instructional Technology degree program.

**For Education Resources in General in CCOL and Web, see the link on**  
[http://www.cambridgecollege.edu/library/ccol\\_research.cfm](http://www.cambridgecollege.edu/library/ccol_research.cfm)

**Search hint:** the terms “Educational technology” or “Education AND technology” may yield more results than “instructional technology.”

Only use the Internet Explorer or Safari browsers. Other browsers may not work in CCOL.

### Journal, document, book, and periodicals in CCOL

On the CCOL HOME page, the *Search for Education* search box will search these databases:

- Academic Search Premier
- Wilson OmniFile Select Full Text Edition
- Education Research Complete
- ERIC
- PsycArticles
- PsycBooks
- PsycExtra
- PsycInfo
- Research Starters in Education
- SocIndex with Full Text
- Health Source Nursing/Academic Edition
- Ebrary
- CINAHL with Full Text

Some of the full-text journals in CCOL include:

- Journal of Educational Technology and Society
- British Journal of Educational Technology and Society
- Educational Technology Research and Development
- Journal of Research on Technology in Education
- Educational Media International

### Research Starters in Education

“Research Starters are study and research guides...They consist of comprehensive, yet concise topic summary articles of about 3,000 words in length written by researchers, scholars and other subject matter experts.” Use the Research Starters to explore topics and get your research started.

- On the CCOL HOME page, click *Direct to Databases*
- Click *EBSCOHost*
- Click *Databases A-Z*
- Scroll down and click on the title *Research Starters in Education*
- Put a term in the search box and click Search. For example:
  - 264 results for “education AND technology”
  - 9 results for “Information Technology Literacy”
  - 16 results for “instructional technology”
  - 134 results for “technology AND schools”

### **Ebrary Electronic Books in CCOL**

To search for instructional technology/information technology literacy books in the Ebrary Electronic Books collection:

- From the CCOL HOME page, click Direct to Databases
- Click Ebrary Electronic Books
- Click Advanced (to the right of the “Search Ebrary” box)
- Use the drop-down menu of the “Search in” box to search by subject (or title, author, etc.)
- For example, there are
  - 8 books on “information literacy” as SUBJECT
  - 45 books on “Educational technology” as SUBJECT including
    - Using Technology with Classroom Instruction That Works
    - Enhancing Learning Through Technology
    - Technology Based Inquiry for Middle School

### **Research Guides in CCOL**

The E-Global Research Guides will help you develop a search strategy and then find your way among the best books, periodicals, associations, government resources, and Internet sites on your topic. To see the Research Guides:

- Click *Research Starters by Subject* from the CCOL HOME page
- Click *e-global Research Guides*
- Click *Social Sciences*
- Click *Technology in Education*
- Also, starting from Research Starters by Subject on the CCOL HOME page
  - Click *e-global Research Guides*
  - Click *Science and Technology*
  - Click *Computer Science*

### **Program Resources in CCOL**

The E-Global Program Resources will help you develop a search strategy and then find your way among the best books, periodicals, associations, government resources, and Internet sites on your topic. To see the Program Resources:

- Click *Research Starters by Subject* from the CCOL HOME page
- Click *e-global Program Resources*
- Click *Science and Technology*

- Program Resources include
  - *Telecommunications*
  - *Web Design*
  - *Programming Languages and Techniques*
  - *Networking*
  - *Wireless Communications*
  - *Cable Television*

### **Tutorials on how to do instructional technology/ information technology literacy research**

"...crash course" on **Research Design and Research Methodology** for educational technologists and related fields."

[http://edutechwiki.unige.ch/en/Methodology\\_tutorial](http://edutechwiki.unige.ch/en/Methodology_tutorial)

### **Recommended Websites**

Although not from scholarly journals, useful information can be found on the web. Most of these sites come highly recommended from a national survey of reference librarians.

**Note:** websites can change and disappear at any time! If the URL doesn't work, try putting the name of the site into Google.

Multimedia Resources for Learning and Teaching

<http://www.merlot.org/merlot/materials.htm?materialType=&keywords=instructional+technology&category=2267&newsearchbutton0.x=0&newsearchbutton0.y=0&newsearchbutton0=Search>

<http://www.merlot.org/merlot/materials.htm?materialType=&keywords=educational+technology&category=2267&newsearchbutton0.x=0&newsearchbutton0.y=0&newsearchbutton0=Search>

A very thorough set of resources, but possibly a bit old:

[http://edutechwiki.unige.ch/en/Research\\_methodology\\_resources](http://edutechwiki.unige.ch/en/Research_methodology_resources)

Site with lots and lots and lots of links!

<http://www.sabine.k12.la.us/vrschool/intwebcl.htm>

US Government Office of Educational Technology

<http://www2.ed.gov/about/offices/list/os/technology/index.html>

Media Awareness Network <http://www.media-awareness.ca/english/teachers/index.cfm>

Gateway to 21<sup>st</sup> Century Skills

<http://www.thegateway.org/browse/makesearch?isliteral=yes&operator=contains&model=gem&searchType=new&value=educational+technology&dimension=fulltext&ss=FIND+RESOURCES>

National Center on Accessible Information Technology in Education

<http://www.washington.edu/accessit/articles?109>

Great links on assistive technology in education

<http://www.familyvillage.wisc.edu/education/at.html>

National Assistive Technology in Education Network

<http://www.natnetwork.org/>

Instructional Design

<http://www.instructionaldesign.org/>

Instructional Technology

[http://innovativelearning.com/instructional\\_technology/index.html](http://innovativelearning.com/instructional_technology/index.html)

ESL/EFL Teachers and how they use technology article

<http://etcjournal.com/2009/06/03/eslefl-teachers-and-how-they-use-technology/>

Key Resources in the field of library automation

<http://www.librarytechnology.org/>

A site by one of the most recognized and unique instructional technologists

<http://www.thiaga.com/>

If you're designing instructional materials, you need to know about Robert Mager's books, available in many libraries.

[http://www.amazon.com/New-Mager-Six-Pack-Robert-F/dp/187961815X/ref=sr\\_1\\_3?ie=UTF8&qid=1308343913&sr=8-3](http://www.amazon.com/New-Mager-Six-Pack-Robert-F/dp/187961815X/ref=sr_1_3?ie=UTF8&qid=1308343913&sr=8-3)

### **Dictionaries etc.**

Assistive Technology Glossary

<http://www.fctd.info/show/glossary>

Glossary of educational technology terms

<http://web.ics.purdue.edu/~smflanag/edtech/home.htm>

### **Legal information**

Assistive Technology Act <http://www.disabilityresources.org/AT-LAW.html>

Special Education Law Blog [http://specialedlaw.blogs.com/home/assistive\\_technology/](http://specialedlaw.blogs.com/home/assistive_technology/)

Instructional Technology Legal Issues  
[http://en.wikibooks.org/wiki/Instructional\\_Technology/Legal\\_Issues](http://en.wikibooks.org/wiki/Instructional_Technology/Legal_Issues)

Links <http://loki.stockton.edu/intech/legal.htm>

### **Academic Standards by State**

Academic standards by state <http://www.jesandco.net/asn/viewer/>

Federal standards  
[http://standards.gov/standards\\_gov/assistiveTechnology.cfm](http://standards.gov/standards_gov/assistiveTechnology.cfm)

National Educational Technology Standards Project of ISTE  
<http://www.iste.org/standards.aspx>

### **Statistics and demographics**

National Center for Education Statistics

[http://nces.ed.gov/search/?output=xml\\_no\\_dtd&client=nces&site=nces&q=educational+technology](http://nces.ed.gov/search/?output=xml_no_dtd&client=nces&site=nces&q=educational+technology)

Teacher's Use of Educational Technology in Schools  
<http://nces.ed.gov/pubs2010/2010040.pdf>

### **Associations**

International Society for Technology in Education  
<http://www.iste.org/welcome.aspx>

Association for Educational Communications and Technology  
<http://www.aect.org/default.asp>

ASCD (formerly the Association for Supervision and Curriculum Development)  
<http://www.ascd.org/about-ascd.aspx>

**Need Opinions or Interview or Survey Respondents?**

AECT Forum

<http://it.coe.uga.edu/itforum/>

TLT Blog

<http://tlt-swg.blogspot.com/>

### **Video and Audio Podcasts**

Free webinars and more from the Teaching, Learning and Technology Group

<http://www.tltgroup.org/>

Teacher Tube videos on “Educational Technology

<http://www1.teachertube.com/googleSearch.php?cx=012339422634307447803%3Ah-vlw-wg9yy&cof=FORID%3A11&ie=UTF-8&safe=high&q=educational%20technology>

Teacher Tube videos on “information technology literacy

<http://www1.teachertube.com/googleSearch.php?q=information+technology+literacy&cx=012339422634307447803%3Ah-vlw-wg9yy&cof=FORID%3A11&ie=UTF-8>

TED Talks: Building sophisticated educational tools out of cheap parts, Johnny Lee demos his cool Wii Remote hacks, which turn the \$40 video game controller into a digital whiteboard, a touchscreen and a head-mounted 3-D viewer.

[http://www.ted.com/talks/lang/eng/johnny\\_lee\\_demos\\_wii\\_remote\\_hacks.html](http://www.ted.com/talks/lang/eng/johnny_lee_demos_wii_remote_hacks.html)

PBS Teacher’s resources: “technology” is a good search term for this site:

<http://www.pbs.org/teachers/search/resources/?q=technology&x=0&y=0>

You Tube University

[http://www.youtube.com/results?search\\_query=educational+technology&aq=f](http://www.youtube.com/results?search_query=educational+technology&aq=f)

### **Do You Need Books to Expand Your Research?**

Google Books at <http://books.google.com> is amazing!

- Be sure to search it for your subject area!
- Click “Advanced Book Search” and check “Full View Only” to limit the search to full-text results
- “PartialView” can also provide plenty of full-text

<http://www.amazon.com> or <http://www.bn.com> Use these easy search engine to get lists of books on your topic and to read excerpts, but try to get the books from your local library or buy from your local independent bookstore. Or, buy a less expensive used copy from an online independent bookstore at <http://www.bookfinder.com>

*If you can't find what you need or you need more, ask yourself:*

*Who would care about this topic?*

*Where would they publish what they know?*

Materials compiled by Maida Tilchen, Project Manager for Library Services © 2011 Cambridge College