UBC Library Resources for Electrical and Computer Engineering

Kevin Lindstrom, Physical Sciences and Engineering Librarian
kevin.lindstrom@ubc.ca
http://scieng.library.ubc.ca
604-822-0695

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Science and Engineering Library @ UBC

- Located in the IK Barber Learning Centre - 1961 East Mall
- Serves the physical sciences and applied sciences
- What we do:
  - Provide in-person and online assistance
  - Select books, journals, databases, ebooks, etc
  - Liaison with our departments
  - Teach workshops
  - Provide research support
The UBC Library [www.library.ubc.ca](http://www.library.ubc.ca) gives you access to the

- UBC Library Catalogue
  - Books, journals/e-journals, conferences
- Science and Engineering Subject Guides
- E-Resources
- Document Delivery Services
- MyAccount information
E-Resources for Electrical and Computer Engineering

- Major databases:
  - Compendex
  - IEEE Xplore
  - Web of Science
  - SPIE Digital Library
  - Scifinder Scholar
  - Proquest Dissertations
  - cIRcle.ubc.ca UBC Digital Repository

- E-Book Collections
  - CRCNetBase
  - SpringerLink
  - Knovel.com
  - Books 24X7
Compendex

- Access to all UBC Library resources from off-campus: [www.vpn.ubc.ca](http://www.vpn.ubc.ca)
- Compendex direct link: [http://www.engineeringvillage2.com](http://www.engineeringvillage2.com)
- Library link: [resources.library.ubc.ca](http://resources.library.ubc.ca)
- Compendex Facts
  - Over 5,600 journals and conference proceedings
  - Goes back to 1884
  - Alert service keeps you up-to-date on your research interests
  - Direct links to fulltext journal articles
Compendex Search Strategies

Basics of Boolean Operators

- The AND operator
  MEMS AND microfluid*
  Finds all articles that have both terms

- The OR operator
  microfluid* and (BIOMEMS OR MEMS)
  Finds all article that have the term microfluid* with either MEM or BIOMEMS

Process in selecting books
- Suggestions from faculty and students
- Use of book vendors
- Monitoring publisher websites ie. IEEE/Wiley
- Amazon.com
- Book reviews published in ECE journals
- Selection of journals to support ECE research
- Selection of standards
Compendex – Author Searching

- Author searching is very straightforward.
  The format is last name first and then initial or full name
  Chrostowski, L*
  Bhargava, V*

- You can focus your results by:
  - Adding keywords
  - Searching by Author Affiliation
  - Journal or conference information
UBC Library E-Book Collections

The UBC Library subscribes to a number of ebook collections.

- **E-Book Collections**
  - CRCNetBase  www.crcnetbase.com
  - Knovel  www.knovel.com
  - Books 24X7  library.books24x7.com
  - SpringerLink  www.springerlink.com

Individual e-book titles are also available through the UBC Library Catalogue.