(Title slide) Research Skills  ─  BLDG 1193

Andrea Hall
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Library Learning Commons
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This document is available in alternate formats upon request.

(Slide 2) Off Campus Login

Accessing articles, e-journals, databases, e-books and more
Login:  Your student number or employee ID
Password:  STUview password
Still having trouble?
Please try Passwords FAQs, Password Reset, or the Contact Centre for more assistance.

(Slide 3) Getting Help – Ask a Librarian

Book an appointment for help with your research.
Include a brief description of your topic.
Email Andrea Hall at: andrea.hall@georgebrown.ca

You can find many ways to get help from our contact page, including the Help Button, email, AskON chat, call us, visit us with link to hours and locations, service directory, by phone and our research guides.

(Slide 4) Chartered Institute of Building

- Student Member
  - Access to Library
  - CIOB Publications
  - Research Reports
  - How to Join website from CIOB

(Slide 5) Construction and Architecture Desktop Folder

- LLC Desktop

(Slide 6) Information Sources – Codes

Print and Online:
Ontario Building Code
Canadian Electrical Code
Other examples:
- Building Code Compendium
- Canadian Electrical Code
- National Plumbing Code of Canada

(Slide 7) Information Sources – Periodicals

- **Newspapers**
  - local news
  - current events
- **Magazines**
  - news
  - popular issues
  - example: Toronto Life magazine
- **Trade Journals**
  - professional & industry news
  - example: Daily Commercial News
- **Academic Journals**
  - advanced & scholarly research
  - example: Journal of Construction Engineering and Management

(Slide 8) Information Sources – Books and E-Books

- Reference books for quick definitions or explanations
- Non-reference Books
  - focused coverage
  - in-depth information
  - specific topics
  - related topics
  - historical discussions
  - E-books available to download to devices
  - Examples:
    2. Implementing Successful Building Information Modeling – by Erica Epstein.

(Slide 9) Database Searching

- You don’t need the whole sentence
  - Choose Keywords
- People don’t all think/speak or write the same
  - Think of common words/themes
- Use AND OR
• AND = All these words
• (most of our databases default to an implied AND)
• OR = Either of these words
• (house or home)

➢ Use quotations for phrases (2 or more words)
  • “building information modeling”

(Slide 10) Building a Search

Sample Topic: Does BIM create more sustainable buildings

Identify key concepts
• BIM
• Sustainable
• Combine key concepts with AND
  o BIM and Sustainable
  Identify synonyms or “like concepts”
  o BIM (Building Information Modeling)
  o Sustainable (environmental or green)
• Combine synonyms with OR and ()
  o (BIM or “Building Information Modeling”) and (sustainab*or green or environmental)
• Look at words you want to truncate *
  o Sustainab* (sustainable and sustainability)
• Look at phrases (2 words or more)
  o (“building information modeling”)
• Search: (“building information modeling” or BIM) and (sustainab* or green or environmental* )

(Slide 11) Identifying Databases

– Covered in Search Everything
  • Wilson Applied Science
    o Covers many engineering journals
    o Products
  • Science Direct
    o Covers a wide range of science journals
    o Includes environmental science
  • Academic Search Premier
    o General arts and science database
    o Construction trade journal coverage
    o Environmental journals and magazines
  • Business Source Complete
    o Good trade journal coverage for construction
Management journals are well covered – Essential for Canadian/Ontario centred topics
  • CBCA and Canadian NewsStand
    o Canadian Coverage
    o Daily Commercial News

– Index of green products; articles about green products
  • Building Green Suite
    o Products, Case Studies, Articles

(Slide 12) Starting Your Research – BuildingGreen Suite
• Articles on green building issues, materials, products and techniques
• Product Guidance section with BuildingGreen approved products
  *must create a free designer profile

Search Box (top right corner)
  – Sample searches
    • BIM (Building Information Modeling)
    • Sustainable (environmental or green)

(Slide 13) Starting Your Research – Library Homepage
Use the George Brown College Library Learning Commons website in the “Search for articles, books, and more” search box.

(Slide 14) Starting Your Research – Research Guides
From the library homepage choose the Research by Subject Tab on the right side and the Construction Technologies Tab on the Welcome to the Research Guides page.

(Slide 15) Starting Your Research – Research Guides
The Green Construction: Environment, Regulation, Incentives, Case Studies research guide has links to green building materials, federal, provincial and municipal incentives and regulations and green building case studies.
(Slide 16) Toronto Bylaws

- **Bylaw Registry Search**
  - Search Toronto bylaws by number of keyword
  - Limit by date range

- **Municipal Code**
  - Compilation of common, citywide bylaws

- **Toronto Zoning Bylaw**
  - Includes single city-wide zoning bylaw
  - Interactive zoning map

(Slide 17) Incentive Programs - City of Toronto

- **City of Toronto: Grants, Incentives and Tips**
  - Includes several green incentive programs offered by the City of Toronto, including the Green Your Roof and the Home Energy Loan Program

- **City of Toronto: Programs for Business**

- **TAF: Toronto Atmospheric Fund**
  - Includes grants and loans for green improvements in high-rise and commercial buildings in Toronto

(Slide 18) Incentive Programs - Provincial and Federal

  - Provides a province by province search of financial assistance programs around energy efficiency initiatives. There are many programs included for both new builds and retrofits.

- **Ontario Ministry of Energy - Incentive Programs for Business**
  - This site has a link to incentive programs for property developers and builders

- **Ontario Ministry of Energy - Incentives Programs for Home**
  - This site offers links to incentive programs for energy efficiency initiatives for single and multiple unit housing