Research Skills
BLDG 1193

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Getting Help

Book an appointment for help with your research. Include a brief description of your topic.
andrea.hall@georgebrown.ca
Construction/Architecture Desktop Folder

ON ALL LLC DESKTOPS
Information Sources
Codes

Print and Online

Ontario Building Code
Canadian Electrical Code

Images courtesy of GBC LLC Library Catalogue
http://georgebrown.ocls.ca/ ; Service Ontario and CSA Group
Information Sources
Periodicals

Newspapers
- local news,
current events

Magazines
- news,
popular issues

Trade Journals
- professional &
industry news

Academic Journals
- advanced &
scholarly research

* Image citations listed in notes field. (Images listed as 1-4 from left to right)
Information Sources Books and E-Books

Reference for quick definitions or explanations

focused coverage
in-depth information
specific topics
related topics
historical discussions

Images courtesy of GBC LLC Library Catalogue
http://georgebrown.ods.ca/
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”
Sample Topic: Does BIM create more sustainable buildings

- Identify key concepts
  - BIM
  - Sustainable

Combine key concepts with AND
  BIM and Sustainable

- Identify synonyms or “like concepts”
  - BIM (Building Information Modeling)
  - Sustainable (environmental or green)

Combine synonyms with OR and ()
  (BIM or “Building Information Modeling”) and
  (sustainab*or green or environmental)

- Look at words you want to truncate *
  Sustainab* (sustainable and sustainability)

- Look at phrases (2 words or more)
  (“building information modeling”)

Building a Search String
Identifying Databases

- **Wilson Applied Science**
  - Covers many engineering journals
  - Products
- **Science Direct**
  - Covers a wide range of science journals
  - Includes environmental science
- **Academic Search Premier**
  - General arts and science database
  - Construction trade journal coverage
  - Environmental journals and magazines
- **Business Source Complete**
  - Good trade journal coverage for construction
  - Management journals are well covered
- **CBCA and Canadian NewsStand**
  - Canadian Coverage
  - Daily Commercial News
- **Building Green Suite**
  - Products, Case Studies, Articles

Covered in Search Everything

Essential for Canadian/Ontario centred topics

Index of green products; articles about green products
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)
  • BIM (Building Information Modeling)
  • Sustainable (environmental or green)

The most trusted voice in sustainable design and architecture

START EXPLORING GREEN BUILDING TOPICS

PRODUCT GUIDANCE  SUSTAINABLE MATERIALS  DESIGN STRATEGIES  BUILDING SCIENCE  BUILDINGS & PROJECT TYPES  DESIGN PROCESS  CODES & CERTIFICATIONS

FEATURE ARTICLE
Starting Your Research
www.georgebrown.ca/llc

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Databases by Subject
Off-Campus Access
### Green Construction: Environment, Regulation, Incentives, Case Studies

#### Green Building - Incentive Programs

- 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
  - 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.
- 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
- YAF Toronto Atmospheric Fund
  - Includes grants and loans for green improvements in high-rise and commercial buildings in Toronto

#### Green Building Materials

- BuildingGreen Suite
  - Features media and information resources including full-text access to Environmental Building News, BuildingGreen.com, the GreenSpec directory of products, the LEGO tool and case studies in the High Performance Buildings Database (HPB).
  - The following links highlight green building products in the North American market. Sites allow for product searches and browsing by LEED or MasterFormat categories.

  - BuiltaGreen Canada
    - Canadian suppliers of green building products arranged by LEED categories.
- Canada Build Green Directory
  - Has a subset for product manufacturers
- Canadian Directory of Sustainable Products and Services 2015
  - Directory of green products and services from GAB magazine
- Sustainable Building and Design Product Directory (Canadian)
- Toronto Construction Association (TCA) - Directory
  - PDF list of the TCA Directory of suppliers
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
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
Incentive Programs Provincial and Federal

• **Office of Energy Efficiency - Directory of Energy Efficiency and Alternative Energy Programs in Canada**
  – 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