Getting Started

Welcome!

This guide is intended to help you find information resources that will be useful to you to develop your research in this course.

Navigate using the menu above.

Articles and Databases

Knovel Tutorial

Knovel is a database made available to you via a campus subscription. Check out this quick online video to get a better idea of how to use this database. It's 3 minutes long, and will give you a brief overview of how to get started.

[Video tutorial link here]. Closed captions are embedded.

Articles

ProQuest Research Library

Publication Dates Covered: 1971 - present Paid for by K-State Libraries
This is a good starting point for finding journal articles on almost any topic. Over 150 academic subject areas are covered, and most articles are full-text. Searches can be limited to scholarly, peer-reviewed journals.

IEEE Electronic Library Online

Contains full-text of journal articles, conference papers, and technical standards from the Institute of Electrical and Electronics Engineers (IEEE) and Institution of Electrical Engineers (IEE).

Compendex

The electronic version of Engineering Index, Compendex is the most comprehensive bibliographic database of engineering research available today, containing over 8 million references and abstracts taken from over 5,000 engineering journals, conferences and technical reports dating back to 1969.

Web of Science

Web of Science is composed of the three ISI Citation Databases, which collectively index more than 8,400 high quality, peer-review journals.
Search All Library Resources

Use the Search It tool to find articles, books, DVDs and other library resources. Books can also be ordered from the Manhattan campus and delivered in 2 days for FREE.

Also...

Sometimes, the technical term for something is shortened in everyday conversation.

If you try to do a keyword search using the slang term or abbreviation, you may not find what you're looking for in the databases!

Be sure to use the full term, even if it's just the first part of a name, to ensure you get the most returns in your search! The database may use "fuel cell" instead of "battery" and vice versa.

Patents

Patents Databases

European Patent Office

A collection open to the world. Pre-1976 US Patents do not require a TIFF image viewer plug-in. (Includes US patents!)

Patent Full-Text and Full-Page Image Databases


LexisNexis Academic

Click on US Legal and drop down to Patents on the left for patent search options.

Google Patents

Ability to search more than 8 million patents, although searchability is sometimes imperfect.

FreePatentsOnline

The FreePatentsOnline search engine is one of the most powerful, fastest, and easiest patent search engines on the web.

Japan Patent Office

Official site of the Japan Patent Office.

Japanese, Chinese or Korean Patent Help

This virtual help desk provides answers to the most frequently asked questions on patents and patent information in China, India, Japan, and Korea. You can also find background information
on filing trends and granting procedures and some guidance on common patent terminology of Asian patents.

**Related Web Resources**

*[Comparison of Free Patent Databases]*

A blog offering an interesting comparison of Google Patents, FreePatentsOnline, Patents.com, Patents Lens, and the USPTO patent databases. The European Patent office is not included in the comparison.

**Books on Patent Searching**

*[Current challenges in patent information retrieval [electronic resource] by Mihai Lupu ... [et al.], editors.]*

Call Number: T210 .C87 2011eb

ISBN: 3642192319

Publication Date: 2011

*[Patent searching : tools & techniquesby edited by David Hunt, Long Nguyen, Matthew Rodgers]*

Call Number: Hale Library Stacks T210 .H86 2007

**Evaluating Sources**

It is not always easy to determine if information is credible, especially on the Internet. However, using the guidelines below will help you in making that evaluation.

**Questions to Ask**

Who is the author of this page?

What are their credentials?

What institution are they affiliated with?

Does the page conveniently display this information?

What is the purpose of this page?

Does the author state the goals for this site?

Does this page inform, educate, persuade or act as a soap box?

If the author is affiliated with an institution (government, university, business, organization, etc), does this affiliation bias the information presented?

A sloppy page (bad grammar, misspelling) indicates hastiness.
It's always a good idea to cross-reference information no matter where you find it.

Do graphics add or subtract from the content?

Is the information complete or fragmented?

When was this page created?

Is there a revision/creation date?

Do the links work?

Is the page maintained and new material added?

**Remember to ask yourself:**

Is the Internet the best place for this type of information? Would a print source or an electronic database be a better choice?

Double check with a librarian if you are unsure.