



# CRITICAL THINKING & INFORMATION LITERACY ACROSS THE CURRICULUM

## Assignment for Engineering 210 and Engineering 220

### Objective:

Implement a report/presentation component to Statics and Mechanics (ENGR 210 and ENGR 220)

Students will find an engineering related topic of their choice and prepare a report summarizing their findings from: texts, periodicals, and web based information.

Report will detail sources and compare information gleaned, in regards to: content, conflicting information, and errors or unsubstantiated conclusions.

A brief presentation may be required (unsure of class time logistics).

### How to prepare students for the project:

- Will provide instruction on database searching for texts and periodicals.
  1. EBSCO Host
  2. Other Libraries: UW, KCLS
- Refinements: Boolean, wildcard \*, following threads.
- Will provide tips and strategies for web-based searching.
- Will discuss evaluating validity of information.

### Searching Tips:

	EBSCO Host	www.metacrawler.com	www.altavista.com
Must	AND	all; (can also use +)	+
Include	OR	any (default)	
Exclude	NOT	-	-
Grouping	" "	phrase; " "	" "
Wildcard	*	*	*

## Exercise:

1. Find info about **optical character recognition**.
2. Find info about **hydraulic/pneumatic cylinders**.

## Practice:

1. Using EBSCO Host, find information from periodicals about **metal matrix material**.
2. Using EBSCO Host, find information from a text about **global warming**.
3. On the WEB, look for information about the topics 1) and 2) above.
4. On the WEB, find out how to put together a bibliographical reference to an article in a periodical.

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 **Bellevue Community College**

[Library Media Center](#)

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