Welcome to this Workshop Session!!!!

Purpose of this session:

To provide an awareness of the Library’s World Wide Web Home Page.

To describe some of the resources and services of the Library, (at the Library and/or available through the Library Home Page), that will assist you in locating materials associated with your assignments in the broad fields of Engineering, whether Civil, Electrical, Engineering Physics, Environmental, Industrial, Mechanical, or Software.

Introduce the Librarian for College of EMS. http://vms.www.uwplatt.edu/~schwark/

General Information:
Locating information may done in a variety of ways, one of which is to search an index or catalog to find:

1) a citation [basic information needed to find the full text of a particular book, journal article, video, etc. available on a certain topic or subject] major way to locate information. The basic citation for a magazine or journal article includes the author of the article, the title of the article, the title of the journal, the volume, issue, date, and pages. Items not available locally often may be obtained on Interlibrary Loan from another library http://vms.www.uwplatt.edu/~ill/illrequest.html . Select “Periodical Article Request,” and note: E-Doc. (Electronic Document Delivery)

2) the full-text information [a limited amount of material is available this way]

This presentation will include access to citations to information, or the information itself, whether found:

a) in the library,

b) online through library subscribed databases, and/or

c) available through: Netscape Navigator, or the Library Home Page http://vms.www.uwplatt.edu/~library/
Outline of Information Resources to be Presented

A. Electronic Resources
   1. Academic Search (EbscoHost) http://www.epnet.com/ehost/login.html (General magazine or journal database for citations to information and/or the information itself full-text, many items will be in the Library or the Library can obtain them for you through Interlibrary Loan http://www.uwplatt.edu/~ill/illrequest.htmlx)
   2. Applied Science & Technology Full Text http://wilsonweb2.hwwilson.com/cgi-bin/auto_login.cgi (Specialized magazine or journal database similar to above with less full-text material, but more information in science and technology, and articles can be obtained.)
   3. WISCAT (Wisconsin Catalog) (Books and videos not in our Library, but available from another Wisconsin Library.) http://wiscat.brodart.com/

B. Selected Internet Sites
   2. Civil Engineering Database (ASCE-American Society of Civil Engineers) (Example of a professional site for searching publications of the ASCE, almost all the journals are in our Library, and can be obtained through Interlibrary Loan. http://www.asce.org/
   3. Online Ethics Center for Engineering & Science http://onlineethics.org/
   4. Internet-Try Northern Light http://northernlight.com/

C. Karrmann Library Catalog http://karrmannweb.uwplatt.edu/

D. Library and Information Assistance

Subjects to be covered: engineering product design, women engineers, engineering ethics, engineering occupations.

The Karrmann Library’s Web Home Page is your first gateway to information.
Outline of Information Resources to be Presented

A. Electronic Resources

1. Academic Search (EbscoHost) [http://www.epnet.com/ehost/login.html]
   a. “Keyword Search” is the default. Type in the “Find” box “engineer* AND product* AND design*” and click “Search.”  Note: the “*” truncates the words and provides for engineer, engineers, engineering, etc.
   b. Result is more than 1,400 entries, too many.
   c. Click on “Refine Search” and add to search entry: “(engineer* AND product* AND design*) AND (automobile* or vehicle*)” and click “Search.”
   d. Search finds over 60 entries. **Searching is not always successful!!-Sometimes there is a need to redesign the search strategy.**
   e. This entry gives all the necessary citation information to find the article.
   f. Click on the title “Computing” by Thilmany, Jean, and note this is full text and also held by the Karrmann Library.
   g. Note the “hotlinked” Subject(s): MECHANICAL engineering; AUTOMOBILES -- Crashworthiness -- Testing .
   h. The full text article follows the basic citation information and the abstract.
   i. You may “Print/E-mail/Save”.
   j. “Full Page Image,” not always best for reading, but often provides more visuals.
   k. Portion of the full text of article with a graphic.

   a. The “Words Anywhere” box is the default and should already be checked. Click in “Type a word or phrase” box and type “robot* AND mower*” and click “Search NOW.”
   b. Returns more than 25 entries, and arrow or page down to the title “Robotic lawn mower cuts a swath and a few tulips” and click on the title.
   c. The entry has the basic citation information to find the article. Clicking on “Full Text HTML” will give the full text. Note “Descriptors” “Robots Lawn care use” and “Lawn mowers Testing.”

3. WISCAT (Wisconsin Catalog) [http://wiscat.brodart.com/]
   a. “Anyword” box type in (engineer* design* invention*) NOT bio*  [Doing the “NOT bio*” will eliminate many bio-engineering related titles.]
   b. Click “Begin Search” box.
   c. View the entries and select “Invention and evolution... 1994”
   d. Note what libraries have the item
   e. Click on “hot linked” Subject heading Engineering design .
   f. Find in alphabetical order by subject heading, the specific “hotlinked” entry Engineering design, there will be over 300 entries attached to this Subject heading.
g. Note you need to go into the live system and look until you find this example below.

B. Selected Internet Sites

   a. “Search: Enter search word or phrase” type “mouse trap” and click “Search.”
   b. Select “magnetic computerized mouse trap”
   c. View the entry
   d. Select “View Images”
   e. View Images

2. Civil Engineering Database (ASCE-American Society of Civil Engineers)  http://www.asce.org/
   a. Click on “Publications.”
   b. Click on “CE Database,” the “orange” colored tab at the top.
   c. Under Full Text enter “highway signs” WITHOUT THE QUOTE MARKS and click “Search.”
   d. Choose “1998 Design and Simulation.....”
   e. View entry.
   f. Lookup “Journal of Transportation Engineering” in paper PERIODICAL LIST in Library, or online in Library Catalog under Title to see if Library has this title and issue.
   g. Note: In the future some current year articles may be full text.

3. Online Ethics Center for Engineering & Science  http://onlineethics.org/ 
   a. Glossary [ extreme left side margin 5th from top, note in very pale blue color and difficult to see ]
   b. Cases [ On the left side of screen, about six tabs down ]
   c. “Search” [ link is in the upper right-hand corner of window ] to Search the Ethics Center Search.
   d. Click on “Glossary.”
   e. As an example look at “Accountable” in the “Glossary.”
   f. Also try “Cases” [ On the left side of screen, about six tabs down ] and the “Search” [ link is in the upper right-hand corner of window ] to Search the Ethics Center Search.

4. Internet-Try Northern Light  http://northernlight.com/ 
   a. Use terms in quotes: “Engineering Ethics”
   b. Look at examples and note hotlinked “Engineering ethics” in left sidebar.

   a. Try “engineering” in the “Search by occupation,” and click on “GO.”
C. Karrmann Library Catalog  [http://karrmannweb.uwplatt.edu/](http://karrmannweb.uwplatt.edu/)

1. Author>Title>Subject
   a. Try “electrical engineering” as a “Subject Heading.”
   b. There are no entries under “electrical engineering” because that is not a Library of Congress Subject Heading.
   c. The correct term to use is “electric engineering.”
   d. Suggestion, if not familiar with the Library of Congress Subject Headings use “Keyword Boolean.”

2. Keyword Boolean
   a. Type (women OR woman) AND engineer? and click on “Search”
   b. Note there are 24 entries, click on the first title “Women and men of the engineering.”
   c. Note the Subject(s) (LCSH) is “Engineering–Vocational guidance”
   d. Note Call Number (Superintendent of Documents Number), Location, and Status
   e. Note the entry Women's science : learning and succeeding from the margins provides more useful Subject heading links, such as [Women in science--United States](http://karrmannweb.uwplatt.edu/), [Women in engineering--United States](http://karrmannweb.uwplatt.edu/), [Women engineering students--United States](http://karrmannweb.uwplatt.edu/).

D. Library and Information Assistance