

ME100 Laboratory Exercise: Using the Library
Winter Quarter 2010

Complete this exercise and turn it into your professor at your next class meeting.

Name _____ Section _____

Part A: The Library Catalog: Books and More

1. The Library has book titled *Introduction to Energy in California*. Answer these questions about the book:

Who is the author (first name, last name)? _____

What is the publication date (year)? _____

Is the book checked out? _____ If yes, when is it due back? _____

Name one LINK+ library that has the book? _____

2. You need to find books on renewable energy, but your car broke down so you can't come to the Library. Look for electronic books (ebooks) that you can use for your project.

Title of one ebook on renewable energy: _____

3. The Library subscribes to a journal titled *Journal of Mechanisms and Robotics*.

What organization publishes the journal? _____

Part B: Databases for Finding Journals Articles

4. Connect to the **APPLIED SCIENCE FULL TEXT** database. Look for articles about robots used for military applications.

How many articles did you find? _____

5. Select one article that you found. Provide the following information:

Author of the article if listed (one is enough) _____



Title of article _____


Title of journal _____

Publication date _____

6. Look for the full text article. Did you find it? (yes or no) _____

7. If yes, how did you find the full text article?

___ a. I used the full text link in the citation:  or 

___ b. I used Find It! to get to the article. 

8. What are some additional keywords you could use to find more articles on this or a closely related topic?

9. Go back to the Library's Databases by Subject: Engineering page. Connect to the COMPENDEX database. Repeat the same search you did in APPLIED SCIENCE FULL TEXT.

How many articles did you find in COMPENDEX? _____

Part C. Using the Internet for Research and Professional Development

You will be able to answer questions 10-12 using the ASME website. Connect to <http://www.asme.org/>

10. When (what year) was the society founded? _____

11. What is the theme of the 2010 Student Design Competition?

12. ASME publishes a magazine called *Mechanical Engineering (ME Magazine)*. Find an article from the magazine that discusses OTEC (ocean thermal energy conversion). You might find more than one article on the topic.

Title of article _____

Author of article _____