
Library Resources for UCOL 101E

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Morris Library 260D



Morris Library

- ▶ Main Website:

<http://www.lib.siu.edu>

- ▶ Engineering 101 website:

<http://libguides.lib.siu.edu/engr101>



How to get help at Morris Library

- ▶ **Information Desk** – 1st Floor
 - ▶ Chat Online – Ask A Librarian
 - ▶ Email – askalibrarian@lib.siu.edu
 - ▶ Phone – (618) 453-2818
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- ▶ Contact the **Circulation Desk** if you need help with checking out or renewing materials
 - ▶ 1st Floor
 - ▶ (618) 453-1455



Morris Library Group Spaces

▶ **Group Study Rooms**

- ▶ There are group study rooms on the 3rd, 4th, and 5th floors
- ▶ 2 hour or 4 hour reservations
- ▶ Make reservations at: <http://libcal.lib.siu.edu/>

▶ **Collaborative Spaces:**

- ▶ Morris Library also has new collaborative spaces on the 6th and 7th floors that do not need to be reserved.
- ▶ There are several mediascapes around the library that are great for group work. Plug in your devices and view your own screens on the large monitor on the table.



Types of Resources

- ▶ Books
- ▶ Journal Articles



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Books

Where to find books?

1) One Search Beta

2) Books and More

FIND LIBRARY RESOURCES

MY LIBRARY ACCOUNTS

ONESEARCH (ARTICLES, DATABASES, BOOKS, DVDS, AND MORE)

BOOKS AND MORE

GROUP STUDY ROOMS

JOURNALS

OPENSIUC (UNIVERSITY RESEARCH)

REFERENCE MATERIALS

RESEARCH GUIDES

SPECIAL COLLECTIONS

I-Share

- 1) Morris Library Catalog
- 2) System of universities in Illinois that share resources



Journal Articles

- ▶ At a research university, journals refer to peer-reviewed technical journals showing advances in the area of specialty of the journal
- ▶ Examples of journals are
 - ▶ Journal of Energy Resources Technology published by American Society of Mechanical Engineers (ASME)
 - ▶ Journal of Water Resources Planning and Management published by the American Society of Civil Engineers (ASCE)
 - ▶ Journal of Display Technology by Institute of Electrical and Electronics Engineers (IEEE)



How to find journal articles

One Search

Specific Databases

- Academic Search Premier
- Compendex



How to find journal articles

One Search – finds information across multiple databases, the library catalog, and other resources

Not everything the library has shows up in One Search!



How to find journal articles

Specific Databases

- Academic Search Premier
- Compendex

Use the course guide to locate these or under the One Search tab, use the Databases by Titles list



What is a CITATION?

Information about a
publication



Why Cite?

- ▶ Gives **credit** to the author
- ▶ Your reader can quickly identify **where** you found your information and find it themselves
- ▶ Gives you more **credibility** - citations support your ideas and statements
- ▶ Helps you avoid **plagiarism**



Citing Your Sources

To be safe, give credit for both:

- ✓ Direct copying of someone else's work
- ✓ Paraphrasing or indirectly copying someone else's work



ASME Style

Citation style used by the **American Society of Mechanical Engineers**

- ▶ Handout: ASME Style [3]



ASME Style

► Cite in 2 places:

1) In the text of the paper

2) At the end of the paper



ASME Style – In text

- ▶ Cite references in numerical order in the order that they appear in the paper
- ▶ Enclose the numbered reference citation in brackets [] - Begin with [1]

Examples:

The report by Jones [1] showed the chemical structure.

A complete definition can be found in both articles [2-3].



ASME Style – Reference List

- ▶ At the end of the paper
- ▶ List references in numerical order – the order they appeared in the text of the paper – not alphabetical order
- ▶ There are special formats for each type of resource: books, journal articles, etc.



Authors

Name all authors – use the word “and” before the last name if there are multiple authors

Write out the entire last name of an author and use initials for first and second names

If there is no author, omit the author spot in the citation

Example: [1] Meysam, J., and Duster, A.,



Date

- ▶ Only use the year
- ▶ If there is no date available on the source, use **n.d.**
 - This stands for “no date”

Examples:

[1] Meysam, J., and Duster, A., 2013,

[2] Smith, A. B., and Jones, C. D., n.d.,



Titles

- Every important word in the title should be capitalized
- Before the closing quotation mark, include a comma
- Book Title: should be in *italics*

Example:

[1] Meysam, J., and Duster, A., 2013, “Local Enrichment of the Finite Cell Method for Problems with Material Interfaces,”



Journals

Journal volume numbers are in **bold**

Issue number is in parentheses ()

Use pp. for multiple pages and p.
for only one page



Journals

Journal titles are abbreviated

- ▶ Woodward Library Abbreviations List:
<http://woodward.library.ubc.ca/research-help/journal-abbreviations>
- ▶ Genamics Journal Seek : <http://journalseek.net/>
- ▶ CAS Source Index (CASSI): <http://cassi.cas.org>

Example: [1] Meysam, J., and Duster, A., 2013, “Local Enrichment of the Finite Cell Method for Problems with Material Interfaces,” Comput. Mech., **52**(4), pp.741-762.



Let's Try One: Put into ASME Style:

Design and manufacture of a museum-grade children's indoor **trebuchet** by mechanical engineering students. Full Text Available By: Hennessey, Michael P.; Johnson, Michael D. *International Journal of Mechanical Engineering Education*. Jan2010, Vol. 38 Issue 1, p28-44.

Hint:

- ▶ Woodward Library Abbreviations List
 - ▶ <http://woodward.library.ubc.ca/research-help/journal-abbreviations/>
- ▶ Genamics Journal Seek
 - ▶ <http://journalseek.net/>



Answer

[1] Hennessey, M. P., and Johnson, M. D., 2010, “Design and Manufacture of a Museum-grade Children’s Indoor Trebuchet by Mechanical Engineering Students,” Int. J. Mech. Eng. Educ., **38**(1), pp. 28-44.



What is wrong with this citation?

(1) Denny, Mark, 2005, Siege engine dynamics, European Journal of Physics, 26(4), p. 561-577



What is wrong with this citation?

[1] Mark, D. , 2005, “Siege Engine Dynamics,” Eur. J. Phys., **26**(4), pp. 561-577.



References

- [1] Wayne State University Instruction, 2009, “Scholarly versus Popular Articles,”
<http://www.youtube.com/watch?v=ejM2AVkcVZ0>
- [2] Southern Illinois University Carbondale, 2013, “Southern Illinois University Student Conduct Code,”
http://srr.siu.edu/_common/documents/SCC
- [3] ASME International, 2010, “References,”
http://www.asme.org/Publications/ConfProceedings/Author/References_2.cfm

