

Tennessee State University

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Presents

Resources for Engineering





Prepared by:



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# Engineering Defined

1. Practical application of science and mathematics, as in the design and construction of engines or machines.
2. Action, work, or profession of an engineer.

## Print Resources – Stack Area

- Architectural engineering: NA section, first floor.
- Business aspects of engineering: HC section, first floor.
- Computer engineering: QA76 section, third floor.
- Engineering in general: TA-TS section, third floor.

# Electronic Resources Available

- May be accessed through Databases Online via Library Home Page.
- Infotrac (Full text)
- Ei Village
- Lexis-Nexis (Patent searches –Full text)
- EbscoHost (Full text)
- ABI Inform (Full text)

## Electronic Resources Available (cont.)

- Online Journals Free on the Web
- Virtual Reference Desk – TSU Library Home Page
- Internet Public Library – <http://www.ipl.org>
- Librarians' Index to the Internet – Technology Section – <http://www.lii.org>
- Infomine – Scholarly Internet Resource Collections - Math, Physical Science, and Engineering Section – <http://infomine.ucr.edu/search/phycisearch.phtml>

## Electronic Resources Available (cont.)

- Academic Info – Engineering Gateway:  
<http://www.academicinfo.net/engring.html>
- Lawrence Livermore National Laboratory:  
<http://www.llnl.gov>

# Electronic Access to Books

- [DRA Online Catalog](#)
- [Athena](#)
- [Interlibrary Loan](#)
- [Electronic Books](#)

# Periodical Holdings

- May be accessed by:
  - Notebooks located in both libraries, listing title, call or shelf number, Main or Williams Campus, and dates
  - [Periodical holdings](#) link on the library web page, includes links to title and subject lists

## Print Sources Available in Reference

- *McGraw-Hill Encyclopedia of Science & Technology* – Q121
- *American Men and Women of Science* – Q141
- *Wiley Encyclopedia of Electrical and Electronics Engineering* – TK9
- *Encyclopedia of Chemical Technology* – TP9
- *Kirk-Othmer Concise Encyclopedia of Chemical Technology* – TP9
- *Dictionary of Scientific Biography* – 5092.2  
(Dewey)

## Sources Available at the Reference Counter

- *Journeys of Women in Science and Engineering* – (Q130)
- *African-American Firsts in Science & Technology* – (Q141)
- *Distinguished African-American Scientists of the 20<sup>th</sup> Century* – (Q141)
- *Notable Black American Scientists* – (Q141)
- *1001 Ideas for Science Projects* – (Q182.3)

## Sources Available at the Reference Counter (cont.)

- *How It Works: The Illustrated Encyclopedia of Science & Technology* – T9
- *How to Write and Publish a Scientific Paper* – (T11)
- *Great Inventions Through History* – (T15)
- *The Way Things Work* – (T47)
- *Engineers and Inventors* – (TA139)
- *How Things Work in Your Home (And What to Do When They Don't)* – TH4817.3

# Conclusion

- Thank you for your attention. Should you have any questions, please contact us.

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