INTRODUCTION
The Department of Technology & Engineering offers courses leading to the Bachelor of Science degree for the computer Integrated Manufacturing System Technology, Electronics Technology, Occupational Safety and Health Technology, Technology and to the Master of Science degree for the Manufacturing System Technology. Most related print sources (such as books, periodicals) are located on 4th floor and 10th floor in Houston Cole Library (HCL), electronic sources (such as databases) can be accessed via computer stations on each floor.

PRINT SOURCES
Books and print journals are the main print sources in the HCL providing a foundation for research. Books and journal articles may also contain useful bibliographies which may lead to additional sources of research. When looking for print materials, consult the Library of Congress Subject Headings to select the proper term(s) to use as subjects under “Library Catalog”. Some possible subject headings can be: Technology, Engineering, Industrial safety, Industrial management, Manufacturing processes, electronics, and etc. “Keyword Anywhere” & “Title” searches can also be conducted under the “Library Catalog” (http://library.jsu.edu/). The following table shows technology & Engineering in the Library of Congress Classification system:

<table>
<thead>
<tr>
<th>TI-995</th>
<th>TC1-978</th>
<th>TE1-450</th>
<th>TG1-470</th>
<th>TJ1-1570</th>
<th>TL1-4050</th>
<th>TP1-1185</th>
<th>TS1-2301</th>
<th>TX1-1110</th>
<th>HF1-6182</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology (General)</td>
<td>Hydraulic engineering</td>
<td>Highway engineering. Roads and pavements</td>
<td>Bridge engineering</td>
<td>Mechanical engineering and machinery</td>
<td>Motor vehicles. Aeronautics. Astronautics</td>
<td>Chemical technology</td>
<td>Manufactures</td>
<td>Home economics</td>
<td>Commerce</td>
</tr>
<tr>
<td>TA1-2040</td>
<td>TD1-1066</td>
<td>TF1-1620</td>
<td>TH1-9745</td>
<td>TK1-9971</td>
<td>TN 1-997</td>
<td>TR 1-1050</td>
<td>TT 1-999</td>
<td>HD28-9999</td>
<td></td>
</tr>
</tbody>
</table>

JSU students can also use ALLIES (Alabama Libraries Exchange Services, http://library.jsu.edu/cgi-bin/Pwebrecon.cgi?PAGE=dbPage) to borrow circulating books from UAB Sterne Library, University of Alabama, Auburn University, Auburn University at Montgomery, either on-site with the student ID or by requesting the items through the library catalog.

ELECTRONIC RESOURCES
Electronic Databases are the main electronic sources in the HCL providing indexes, full-text books, articles, statutes, and legal cases, etc. To access the HCL subscribed databases off-campus, your student ID and your Last name are required for log-in at: http://www.jsu.edu/library/resources. The following table lists some commonly used databases for your research:

Contact: Hanrong Wang
Associate Professor, Reference Librarian
Phone: (256)782-5250
Fax: (256)782-5872

Contact Information:
Houston Cole Library
Jacksonville State University
http://www.jsu.edu/library/index.html
Dec, 2009
<table>
<thead>
<tr>
<th>Database Title</th>
<th>Description</th>
<th>Full Text?</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACM Digital Library</td>
<td>Journal articles from ACM journals, magazines, and conference proceedings.</td>
<td>Yes</td>
</tr>
<tr>
<td>Academic Search Elite</td>
<td>Journal articles in all subject areas.</td>
<td>Yes</td>
</tr>
<tr>
<td>Applied Science Full Text</td>
<td>Journal articles in the applied sciences and technology.</td>
<td>Yes</td>
</tr>
<tr>
<td>Elsevier ScienceDirect</td>
<td>Journal articles in a variety of subject areas, but the strengths of the</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>database currently lie in: life sciences, engineering, earth sciences,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>pharmacology, and textiles.</td>
<td></td>
</tr>
<tr>
<td>Emerald Fulltext</td>
<td>Journal articles related to management issues in a variety of subject areas.</td>
<td>Yes</td>
</tr>
<tr>
<td>Expanded Academic ASAP</td>
<td>Scholarly journals, news magazines, and newspapers</td>
<td>Yes</td>
</tr>
<tr>
<td>NTIS’s DARTS</td>
<td>Governmental technical reports in all subject areas.</td>
<td>Yes</td>
</tr>
<tr>
<td>Vocational Search</td>
<td>Journal articles in vocational and general subjects.</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Some journals are (A detailed list of journal is available upon request):

- *Journal of Hazardous Materials* (Call Number: T55.3.H3J68)
- *Risk Analysis* (Call Number: T174.5.R55)
- *Journal of Manufacturing Science and Engineering* (Call Number: TA1.J634)
- *American Industrial Hygiene Associational Journal* (Electronic)
- *Applied Ergonomics* (Electronic)
- *Applied Occupational and Environmental Hygiene* (Electronic)
- *Human Factors* (T58.A2H8)
- *Journal of Safety Research* (HV675.A1J68)
- *Professional Safety* (T55.A1 A418a)
- *Scientific American* (T1.S5)
- *Popular Mechanics* (T1.P77)
- *Work and Stress* (Electronic)

**OTHER RELATED SOURCES**


Institute of Electrical and Electronics Engineers (IEEE) ([http://www.ieee.org/](http://www.ieee.org/)): Professional association which serves as a leading authority in computer engineering, telecommunications, electric power, aerospace and consumer electronics, biomedical technology, and related areas.

Institute for Operations Research and the Management Sciences (INFORMS) ([http://www.informs.org/](http://www.informs.org/)): Serves the scientific and professional needs of operations research and the management.
Society of Manufacturing Engineering (SME) (http://www.sme.org/): Professional society promoting an increased awareness of manufacturing engineering and helps keep manufacturing professionals up to date on leading trends and technologies.

Institute: Science, Engineering & Technology (http://www.intute.ac.uk/sciences/): Provides access to quality networked engineering, mathematics and computing resources.

Science & Technology Review (http://www.llnl.gov/str/): Articles cover a wide array of technology related topics.

FirstGOV for Science (http://www.science.gov): A gateway to authoritative selected science information provided by U.S. Government agencies, including research and development results.


ACRONYM FINDER (http://www3.interscience.wiley.com/stasa/search.html).


ThermoDex (http://www.lib.utexas.edu/thermodex): An index of thermodynamic and physical property resources.

Academic Info (http://www.academicinfo.net): Educational Subject Directory - Online Degree Programs - Test Preparation Resources

Industrylink (http://www.industrylink.com): The premier directory of links to industry web sites.
