

# Civil Engineering

## Selected Resources

<http://library.uta.edu/guidesBibls/gbCivilEngineering.pdf>

**Databases** <http://library.uta.edu/JDBC/DBs/dbAtoZ.jsp>

**[Academic Search Premier](#) (Dates of coverage vary):** Includes peer-reviewed articles (many full-text) for almost 4600 periodical titles with more than 100 scholarly journals. Areas of study include computer science, engineering, medical sciences, etc.

**[ASCE Research Library](#) (1995- )** 1995-present; Full text: 1995-present (most journals); 1998-present (proceedings) Contains full-text; contains journals and online proceedings of the American Society of Civil Engineers. (Table of Contents & abstracts: 1972- )

**[Engineering Village](#) [Compendex (1969- )]:** Contains 10 million records referencing 5,600 engineering journals and conference materials from 55 countries. Some cross linking to full-text

**[GeoRef](#)** Covers the geology of North America since 1693 and the geology of the rest of the world since 1933

**[EngNetBase](#)** Nearly 200 reference books from CRC Press and Chapman & Hall are available online for all areas of engineering.

**[ProQuest Dissertations and Theses](#) (1861- ):** Citations for dissertations and selected theses. Also contains full-text dissertations available from 1997 and later

**[Science Citation Index](#) (1975- ):** Tracks articles and authors cited by others in scientific journals. Also lists an article's citations, articles that cite the article, and other articles that relate to the article. Some full-text linking

**[ScienceDirect](#) (Coverage varies):** Full-text articles in 25 civil & structural engineering journals to which UTA subscribes.

**[Avery Index to Architectural Periodicals](#)** Index containing records describing articles in periodicals published worldwide on architecture, archaeology, city planning, interior design, and historic preservation. Coverage is from the 1930s (with selective coverage dating back to the 1860s) to the present.

## Links to Locate Articles and or Journals

**Articles :** <http://library.uta.edu/researchResources/findArticles.jsp>

**Journals :** <http://library.uta.edu/researchResources/findJournals.jsp>

**Find Books – Call Numbers:** [T](#) (General Technology), [TA](#) (General Engineering), [TC](#) (Hydraulic),  
[TE](#) (Highway, Road, Pavement), [TF](#) (Railroad & Operation), [TG](#) (Bridge), [TH](#) (Building Construction)

**Library Catalog:** Search for books & periodicals (journals/magazines), documents, reports, and dissertations available at UTA Library: <http://pulse.uta.edu/>

**Electronic Books:** <http://library.uta.edu/collections/ebooks.jsp>  
Includes NetLibrary and Safari Tech Books Online

**WorldCat:** Index of books and other materials in libraries worldwide.

## Selected Reference Sources

Title	Location
Concrete & masonry cost data	SEL Reference TA 682.26 .C66 2006
Filing patents online : a professional guide	SEL Reference (KF 3125 .C5 N53 2003) <a href="#">Also available online</a>
EngNetBase--Forensic engineering investigation	In EngNetBase collection <a href="#">Online Only</a>
Forensic structural engineering handbook	SEL Reference (TA 219 .F685 2000)
International building code	Latest edition located SEL <a href="#">Reserve</a> (KF 5701 .I524)
Means building construction cost data	SEL Reference TH 435 .B84 2006 (64th ed.)
Roark's formulas for strain and stress	SEL Reference TA 407.2 .R6 2002
Reference USA ( <i>a directory of businesses</i> )	<a href="#">Online Only</a>
Sweets-McGraw-Hill Construction	<a href="#">Online Only</a>

## Research Tools

Title	Location
American Society of Civil Engineering: Quick Guide to Common Types of Referenced Material	<a href="http://www.pubs.asce.org/authors/book/generalresources/references.htm">http://www.pubs.asce.org/authors/book/generalresources/references.htm</a>
Brief Guide to Citing Government Publications	<a href="http://exlibris.memphis.edu/resource/unclesam/citeweb.html">http://exlibris.memphis.edu/resource/unclesam/citeweb.html</a>
<a href="#">InterLibrary Loan</a> ILL	<a href="#">Online Request Form</a> <a href="https://illiad.uta.edu/illiad/">https://illiad.uta.edu/illiad/</a>
RefWorks Web-based bibliographic manager	<a href="#">Online Only</a> <a href="https://www.refworks.com/Refworks/login.asp?WNCLang=false">https://www.refworks.com/Refworks/login.asp?WNCLang=false</a>

**Subject Librarian Contact:** Barbara Howser– (817) 272-7519 – [howser@uta.edu](mailto:howser@uta.edu)  
Science & Engineering Library - <http://library.uta.edu/sel/>