Mechanical Engineering Resources Handout

Your Engineering Librarian: Linda Crotty  linda.crotty@sjsu.edu  408-808-2636

Important Links

Library Website:  http://library.sjsu.edu
Mechanical Engineering Research Guides: http://libguides.sjsu.edu/me

Off-Campus Access to Library Databases

Username: Your SJSU ID #
Password: your SJSUOne password

More information and help: http://library.sjsu.edu/access-library-campus/access-library-campus

Problems connecting? Call (408) 808-2470 or email Library-SCS-Group@sjsu.edu (Student Computing Services)

Interlibrary Services – Accessing or acquiring materials that are not in SJSU’s collections

- Free, but allow for 3-5 business days for articles, 2 weeks for books & theses
- CSU+ (books from 23 CSU universities) and ILLIAD (articles, books from all over the world)
- https://library.sjsu.edu/services/csu-interlibrary-loan-and-other-resources

How to Search Effectively - Database Search Strategies & Advanced Google (research guides)

Keywords: an important search tool

- Define your search in a few key terms or phrases: solar energy / solar power / geothermal power / renewable energy
- Think of synonyms for your terms. Use thesaurus.com, keywords in a relevant article
- Combine keywords with AND, OR, NOT
- Put double quotes around phrases to keep the words together during your search. Example: “Data management system”
- Add an asterisk to pull in more words – called “truncation.” Enter as many letters as possible before truncation. Example: system* matches system, systems, systematic, systematize
- Note: If you get too many results, try adding another keyword (concept)
Electronic Databases (Quick Links => Articles & Databases OR Engineering Research Guides)

Engineering Village

Resource for all areas of engineering and applied sciences.

- Find articles about your topic, including patent information and access to the CRC Handbooks

Other helpful databases: IEEE Xplore, Science Direct

Tutorials available on the Engineering 100W research guide

**Find It**

Within databases and Google Scholar the “Find It” button will take you to OneSearch for the full-text article within a database or direct you to use Interlibrary Loan to get the article.

**NOTE:** Login to OneSearch with your Student ID and SJSUOne password for full access to articles and other SJSU items.
RefWorks

- Collect, manage, and organize citations
- Generate bibliographies according to a variety of output styles
- Use Write-N-Cite for in-text citations
- Generate bibliographies according to a variety of output styles
Google Scholar

- Connect to SJSU databases to easily find if the article is available (Google Scholar => Settings => Library Links)
- Enter article title or author to determine where the article can be found through GetText
- Connect to RefWorks (Google Scholar => Settings => Bibliography Manager => RefWorks) and send your citation information directly to RefWorks

Google Search Tips

Advanced Google research guide - https://libguides.sjsu.edu/google

Use Advanced Search in Google

SJSU ScholarWorks > http://scholarworks.sjsu.edu/

- SJSU’s institutional repository
- Theses become electronically available through ScholarWorks and ProQuest Dissertations and Theses
- Types of Embargoes
  - sponsor-mandated
  - student-directed
  - faculty-directed

NOTE: Projects are not required for inclusion into ScholarWorks or ProQuest Dissertations and Theses