



Literature Research for Mechanical Engineering

RESOURCES FOR CMU/CU-BOULDER MECHANICAL ENGINEERING
STUDENTS

Options to access online resources from anywhere



- ▶ Proxy access
 - ▶ Access electronic resources from links on the library web site
 - ▶ Log in with your identikey and password
- ▶ VPN
 - ▶ Install Cisco AnyConnect
 - ▶ Open and log in to access links opened from anywhere
- ▶ <http://ucblibraries.colorado.edu/research/offcampusaccess.htm>

Finding books & journals

- ▶ Search for books and *journal* titles in Chinook:
<http://libraries.colorado.edu/>
- ▶ Request books for delivery to CMU from Prospector:
<http://prospector.coalliance.org/>
- ▶ Need an article from a print journal at CU?
 - ▶ Request it: <http://ucblibraries.colorado.edu/engineering/forms/cmu.htm>

Ask a Question



- ▶ Email engref@Colorado.edu
 - ▶ We'll get your question to the person best able to handle it ASAP
- ▶ Email Rebecca.Kuglitsch@Colorado.edu
 - ▶ Research help
 - ▶ To request a book purchase
- ▶ Ask via IM:
 - ▶ <http://ucblibraries.colorado.edu/askus/index.htm>

Getting started & finding properties

- ▶ Find Articles & Databases>Engineering>Mechanical Engineering
 - ▶ <http://ucblibraries.colorado.edu/research/findarticles/>
- ▶ EngNETbase
 - ▶ Great source for handbooks
 - ▶ http://0-www.crcnetbase.com.libraries.colorado.edu/page/engineering_ebooks
- ▶ Knovel
 - ▶ Good source for handbooks, lots of data that can be plugged in to Excel
 - ▶ <http://0-app.knovel.com.libraries.colorado.edu/web/>

Finding Standards



- ▶ ASTM standards and engineering digital library
 - ▶ <http://0-compass.astm.org/libraries.colorado.edu/>
- ▶ Other standards
 - ▶ CU Standards guide:
<http://ucblibraries.colorado.edu/engineering/standards.htm>
 - ▶ Don't see what you need? We'll purchase on demand!
 - ▶ Email engref@Colorado.edu to request a standard.

Finding scholarly articles



- ▶ Engineering Village

- ▶ Key subject database for engineering

- ▶ Consists of a search of Compendex and Inspect

- ▶ <http://0->

- [www.engineeringvillage.com/libraries.colorado.edu/controller/quickSearch&database=Combined](http://www.engineeringvillage.com/libraries.colorado.edu/controller/quickSearch?CID=quickSearch&database=Combined)

- ▶ Web of Science

- ▶ Helps you find the top tier of journal literature

- ▶ Covers all disciplines, not just engineering

- ▶ Good place to start

- ▶ <http://0-webofknowledge.com/libraries.colorado.edu/WOS>

Staying organized



- ▶ Managing your citations and PDFs can be a challenge during research. Keep track of your resources with Zotero or Mendeley.
 - ▶ Zotero is a very user-friendly open source management tool
 - ▶ Get started at <https://www.zotero.org/>
 - ▶ Mendeley is a free tool that works well with PDF management.
 - ▶ Get started at <https://www.mendeley.com/>

Email, phone or IM for more help with these tools!