

Selected Resources for Mechanical Engineering Technology 101

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(Nov. 2007)

DATABASES

Engineering Village 2 - summaries of articles covering all types of engineering

ScienceDirect – full-text journal articles in science and technology from 1997+

ProQuest – full-text articles from magazines, newspapers, and journals

IEEE Xplore – full-text IEEE journals from 1998+

CATALOGS at <http://www.sunyit.edu/library> Select catalogs

SUNYIT Catalog – A catalog of all items owned by Cayan Library.

WorldCat – An international huge world-wide catalog of books, websites, maps, etc.

SCHOLARLY INTERNET SEARCHING

Google Directory <http://www.google.com>, select about google, then tools, then directory

Google Scholar <http://www.google.com> select about google, then tools, then scholar

Scirus Search Engine <http://www.scirus.com>

ORGANIZATIONS

American Society of Mechanical Engineers <http://www.asme.org>

See also <http://www.asme.org/Communities/Students>

National Society of Professional Engineers <http://www.nspe.org>

Other Mechanical Engineering Society Links at

<http://www.engineeringedu.com/socmech.html>

ENGINEERING ETHICS

Engineering Ethics Center (EEC) from the National Academy of Engineering

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National Society of Professional Engineers **Error! Hyperlink reference not valid.**

SELECTED MECHANICAL ENGINEERING WEBSITES

[iCrank.com](http://www.icrank.com) - well-organized database of mechanical engineering resources

Science.gov is a gateway to over 50 million pages of authoritative selected science information provided by U.S. government agencies <http://www.science.gov>
Select applied science and technologies

efunda - engineering fundamentals, equations, materials, units and more
<http://www.efunda.com/home.cfm>

The Intute Engineering Gateway provides free access to high quality resources on the Internet. Each resource has been evaluated and categorized by subject specialists.
<http://www.intute.ac.uk/sciences/engineering>

Martindale's Calculators On-Line www.martindalecenter.com/Calculators.html

Wolfram_MathWorld, the Web's most extensive mathematics resource
<http://mathworld.wolfram.com>

National Institute for Standards and Technology- measurements and standards
<http://www.nist.gov> Select publications
see also
<http://www.ms1.nist.gov/dataontheweb.html>

Galaxy: Engineering and Technology - a website directory
select technology, then engineering <http://www.galaxy.com>

MIT OpenCourseWare free lecture notes, exams, and other resources from more than 1700 courses spanning MIT's entire curriculum.
<http://ocw.mit.edu/OcwWeb/web/home/home/index.htm>

“Howstuffworks explains hundreds of subjects, from car engines to lock-picking to ESP, using clear language and tons of illustrations.”
<http://www.howstuffworks.com>

Science and Engineering Statistics from the National Science Foundation:
Publications, data, and analyses about the nation's science and engineering resources
<http://www.nsf.gov/statistics>