

# Selected Resources for Industrial Engineering Technology 101

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## 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

Society of Manufacturing Engineers <http://www.sme.org>

Association for Manufacturing Excellence <http://www.ame.org>

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

The Institute of Industrial Engineers (IIE) <http://www.iienet2.org>

## ENGINEERING ETHICS

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

Engineering Ethics Center (EEC) from the National Academy of Engineering  
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## SELECTED INDUSTRIAL ENGINEERING WEBSITES

\*[efunda](http://www.efunda.com/home.cfm) - engineering fundamentals, equations, materials, units and more  
<http://www.efunda.com/home.cfm>

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>

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](http://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.msel.nist.gov/dataontheweb.html>

Galaxy: Engineering and Technology - a 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>

Robot Information Central--for both the robotics engineer and the hobbyist, newsgroups, indexes, competitions, etc. <http://www.robotics.com/robots.html>

The Robotics Institute at Carnegie Mellon University includes full-text technical reports  
[http://www.ri.cmu.edu/cgi-bin/tech\\_reports.cgi](http://www.ri.cmu.edu/cgi-bin/tech_reports.cgi)

New Technology and Manufacturing Processes - full text articles that describe research at the Pittsburgh Supercomputer Center in the areas of manufacturing process design, design of new materials, and semiconductor design.  
<http://www.psc.edu/MetaCenter/MetaScience/Articles/newtech.html>

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>

