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# Supply Chain Resource Guide



This guide is a product of the California Space Authority, developed with the support of the NOVA Workforce Board



Welcome to the supply chain resource guide. This guide is intended to provide contractors and suppliers in multiple industries with tools to enhance their supply chain management effectiveness.

One caveat—there are many available software, e-business and consulting solutions for logistic needs as well as a number of private training organizations that could be used to gain specific desired outcomes. While we focus on public training programs, we do include a sampling of for-profit programs. This guide is not intended to be all-inclusive nor is inclusion considered an endorsement, and we make no guarantees as to the accuracy of the sites referenced.

## General Supply Chain Management Resources

[www.supplychainbrain.com](http://www.supplychainbrain.com)

An all encompassing site covering SCM news, training options, suppliers, white papers, events calendar, requests for proposals, career info. As its tagline states, The Nerve Center for Today's Supply Chain News, Developments and Innovative Thinking.

[www.nxtbook.com/nxtbooks/keller/supplychainmgmt/index.php#/53/OnePage](http://www.nxtbook.com/nxtbooks/keller/supplychainmgmt/index.php#/53/OnePage)

Supply chain management resource guide and supplier directory.

[www.supplychain-logistics.com](http://www.supplychain-logistics.com)

SupplyChainStar (the title of the site) is another encompassing site – this one more directed to software solutions, but a smattering of other topics also.

<http://cscmp.org/default.asp>

The Council of Supply Chain Management Professionals (CSCMP) is an association for individuals involved in supply chain management, providing educational, career development, and networking opportunities to its over 9,000 members and to the entire profession.



[www.ism.ws](http://www.ism.ws)

The Institute for Supply Management (ISM) is a not-for-profit supply management association that provides opportunities for the promotion of the profession and the expansion of professional skills and knowledge. ISM works to lead the supply management profession through its standards of excellence, research, promotional activities, and education.

[www.supply-chain.org](http://www.supply-chain.org)

The Supply Chain Council (SCC) is a global non-profit consortium whose methodology, diagnostic and benchmarking tools are used in supply chain processes. SCC has established an accepted framework for evaluating and comparing supply chain activities and their performance. The framework— SCOR® process reference model—lets companies quickly determine and compare the performance of supply chain and related operations within their company or against other companies.

[www.sme.org](http://www.sme.org)

The Society of Manufacturing Engineers is a manufacturing technology information resource for people and companies throughout the manufacturing supply chain and works to promote an increased awareness of manufacturing engineering - keeping manufacturing professionals current on trends and technologies.

[www.amrresearch.com](http://www.amrresearch.com)

AMR Research is a research firm focused on the intersection of business processes with value chain and enterprise technologies.

<http://lean.mit.edu/>

The Lean Advancement Initiative (LAI) at MIT offers organizational members from industry, government, and academia the newest and best thinking, products, and tools related to lean enterprise transformation. LAI is a unique and powerful research consortium that provides a neutral forum for sharing research findings, lessons learned, and best practices.

<http://www.manexconsulting.com/index.php>

As a member of the National Institute of Standards and Technology (NIST) Manufacturing Extension Partnership (MEP) program, the Corporation for Manufacturing Excellence (Manex) draws upon a national network of resources covering broad expertise in manufacturing best practices.

<http://www.cmtc.com/>

California Manufacturing Technology Consulting, also a NIST MEP member, provides manufacturing and distribution consulting services in a number of specialized areas, including aerospace and defense, and distribution and logistics.

<http://seaonline.org/index.htm>

The Supplier Excellence Alliance is comprised of aerospace, defense, and space primes/OEMs, major subcontractors, and suppliers working together to accelerate supply chain performance.

<http://www.apics.org/default.htm>

APICS, The Association for Operations Management, is a global leader and premier source of the body of knowledge in operations management, including production, inventory, supply chain, materials management, purchasing, and logistics. It offers a Certified Supply Chain Professional certification.

<http://www.ndia.org/>

The National Defense Industrial Association (NDIA) provides individuals from academia, government, the military, small businesses, and prime contractors the opportunity to network effectively, keep abreast of the latest in technology, and address defense-related issues.

<http://www.californiaspaceauthority.org/>

The California Space Authority (CSA) was the lead on a Workforce Innovation in Regional Economic Development (WIRED) grant from the U. S. Department of Labor. Part of this grant involved a “smart supplier” initiative, whose purpose was to characterize foundation “smart supplier” competitiveness skills. For information on the WIRED grant initiatives, see:

<http://www.innovatecalifornia.net/>.

<http://www.avc.edu>

Antelope Valley College was a partner in the WIRED “smart supplier” initiative and co-sponsored a seminar on 21<sup>st</sup> Century Supply Chain Management.

<http://www.l5ps.com/>

L5 Performance Systems was a partner in the WIRED “smart supplier” initiative and is responsible for the formulation and development of the Supplier Excellence Alliance, the only aerospace, defense, and space prime contractor alliance for the development of supply chains across the entire industry.

<http://wesrac.usc.edu/>

The Western Research Application Center (WESRAC) was a partner in the WIRED “smart supplier” initiative. WESREC is a research center at the USC Viterbi School of Engineering organized to bring technical assistance to organizations in the USC community.

## **Supply Chain/Logistics Publications *(print and electronic)***

APICS Magazine

[www.apics.org](http://www.apics.org)

Global Logistics & Supply Chain Strategies

[www.e-circ.net/gsl/cs.asp](http://www.e-circ.net/gsl/cs.asp)

Inbound Logistics: The Magazine for Demand-Driven Logistics

[www.inboundlogistics.com](http://www.inboundlogistics.com)

Logistics Management

[www.logisticsmgmt.com](http://www.logisticsmgmt.com)

Modern Materials Handling

[www.mmh.com](http://www.mmh.com)

Purchasing.com – The Magazine of Procurement & Supply Chain

[www.purchasing.com](http://www.purchasing.com)

RFID Journal

[www.rfidjournal.com](http://www.rfidjournal.com)

Supply & Demand Chain Executive

[www.sdcexec.com](http://www.sdcexec.com)

Supply Chain Daily

[www.supplychaindaily.com](http://www.supplychaindaily.com)

Supply Chain Digest

[www.scdigest.com](http://www.scdigest.com)

Supply Chain Management Review

[www.scmr.com](http://www.scmr.com)

World Trade Magazine

[www.worldtrademag.com](http://www.worldtrademag.com)

## **Articles/Papers**

Forging New Partnerships: How to Thrive in Today’s Global Value Chain

[http://www.nam.org/s\\_nam/bin.asp?CID=216&DID=239787&DOC=FILE.PDF](http://www.nam.org/s_nam/bin.asp?CID=216&DID=239787&DOC=FILE.PDF)

Free The Enterprise! Bust the Silos in the Supply Chain!

<http://www.supplychainbrain.com/content/headline-news/single-article/article/free-the-enterprise-bust-the-silos-in-the-supply-chain/>

Information on Federal Programs and Interagency Efforts That Support Small Businesses Engaged in Manufacturing (GAO)

<http://www.gao.gov/new.items/d07714.pdf>

See also [supplychainbrain.com](http://www.supplychainbrain.com) for a wealth of other relevant articles and white papers.

## Workforce Development

<http://www.calwia.org/>

California's 49 Local Workforce Investment Areas (LWIAs) are designated by the Governor based on population and commonality of labor market. Each LWIA is administered by a Local Workforce Investment Board (LWIB), comprised of representatives from private sector businesses, organized labor, community-based organizations, local government agencies, and local education agencies. LWIBs provide policy guidance, designate operators for their areas' One-Stop Career Centers, and oversee the job training activities within their local areas. The over 200 One-Stop Career Centers throughout California are available at no charge to assist with solutions to workforce issues, including hiring, training resources, and layoff assistance.

<http://www.calworkforce.org/index.html>

The California Workforce Association is a non-profit membership organization that develops public policy strategies and builds local capacity to address critical workforce issues. CWA represents the 49 Workforce Investment Boards, over 200 One-Stop Career Centers and other workforce development partners in California.

[http://www.edd.ca.gov/Jobs\\_and\\_Training/Hire\\_Workers.htm](http://www.edd.ca.gov/Jobs_and_Training/Hire_Workers.htm)

The California Employment Development Department (EDD) offers a job listing service (CalJOBS) and labor market information targeted to the needs of California's businesses.

## Education and Training

In general, all public colleges in California have some training available in SCM and Logistics. Most offer a certificate or degree program that focuses on SCM (some also have advanced programs). Below are the general information links to California's public college systems. This is obviously not a complete list for possible training, but SCM training is widely available in all areas of the state. When arriving at the main site for a school, the user then just does a search for supply chain or logistics to get to the program information.

### University of California system

[www.universityofcalifornia.edu](http://www.universityofcalifornia.edu)

Lists and links to the 10 universities in the UC system.

### California State University system

[www.calstate.edu](http://www.calstate.edu)

Lists and links to the 23 universities in the CSU system.

**Note:** CSULA offers a bachelor degree with emphasis in manufacturing engineering.  
See <http://www.calstatela.edu/academic/ecst/engr/mnf/>.  
CSULB also offers a degree in manufacturing engineering technology.  
See [http://www.csulb.edu/colleges/coe/mae/views/programs/undergrad/bs\\_met.shtml](http://www.csulb.edu/colleges/coe/mae/views/programs/undergrad/bs_met.shtml).

## California Community College system

[www.cccco.edu](http://www.cccco.edu)

Lists and links to the 110+ community colleges in the CA system.

<https://misweb.cccco.edu/webproginv/prod/invmenu.htm>

The California community college system provides a searchable inventory of approved degrees and certificates offered at all of the state's community colleges.

[www.cact.org](http://www.cact.org)

There are 12 Centers for Applied Competitive Technologies strategically located across California that receive funding from the California Community College's Chancellor's office to develop innovative solutions to help advanced technology companies compete.

<http://www.ccewd.net/index.cfm>

The Economic & Workforce Development program of the California community colleges helps to facilitate education and training for workers and business owners in emerging industries.

<http://www.cvc.edu/students/courses>

The California Virtual Campus is a searchable inventory of online classes offered by colleges across California.

<http://www.cmtc.com/news.html>

California Manufacturing Technology Consulting (CMTC) holds topical events throughout the year geared towards manufacturers. These events range from Identifying Energy Efficiencies on the Plant Floor to ISO 9000 Consortia.

<http://www.manexconsulting.com/page.php?id=5>

The Corporation for Manufacturing Excellence (Manex) hosts and participates in various industry events and conferences.

<http://seaonline.org/Briefings/index.html>

The Supplier Excellence Alliance hosts workshops and forums for its members.

<http://www.apics.org/Education/>

APICS, The Association for Operations Management, offers a number of educational programs, including conferences, webinars, workshops, and self-study resources. It also offers the Certified Supply Chain Professional certification.

[http://www.sme.org/cgi-bin/getgmnpage.pl?/html/professional\\_development.htm&&SME&](http://www.sme.org/cgi-bin/getgmnpage.pl?/html/professional_development.htm&&SME&)

The Society for Manufacturing Engineers offers many professional development opportunities through training programs, certification, and online courses.

<http://cscmp.org/education/education-lp.asp>

The not-for-profit Council of Supply Chain Management Professionals provides on-site and online professional development workshops and training. Part of its website is devoted to resources for academics involved in the supply chain discipline.

<http://www.supplychainseminars.com/>

Supply Chain Seminars offers in-house, customized, faculty-led seminars in Integrated Supply Chain Management, and its Supply Chain Online division offers a web-based course, Fundamentals of Supply Chain Management.

<http://www.nextlevelpurchasing.com/purchasing-professionals.html>

Next Level Purchasing offers training for purchasing professionals in supply chain management and the Senior Professional in Supply Management certification program.

<http://www.ism.ws/education/?navItemNumber=4888>

The not-for-profit Institute for Supply Management offers seminars and professional development services, from off-the-shelf to fully tailored programs.

<http://www.worldwidelearn.com/business-course/supply-chain-management-course.htm>

WorldWideLearn is a directory of online courses in contract management, supply chain management and logistics.

<http://www.ed2go.com/cgi-bin/ed2go/newofferings.cgi?dept=BM>

ed2go offers online courses in many disciplines through local colleges; its business administration offerings include supply chain management fundamentals and distribution and logistics management.

<http://ocw.mit.edu/OcwWeb/Sloan-School-of-Management/15-763JSpring-2005/CourseHome/index.htm>

MIT offers open courseware – free publication of MIT course materials, including lecture notes and readings. The link is to the Manufacturing System and Supply Chain Design course.

<http://www.labormarketinfo.edd.ca.gov/?pageid=1013>

The Employment Development Department (EDD) maintains a comprehensive database of training providers and programs in California.

<http://www.etp.ca.gov/>

The Employment Training Panel (ETP) is a business and labor supported state agency that assists employers in strengthening their competitive edge by providing funds to offset the costs of job skills training necessary to maintain high-performance workplaces.

## **Case Studies**

<http://www.supplychainbrain.com/content/the-library/>

This site's library of reports and case studies is extensive

<http://resources.bnet.com/topic/aerospace+and+supply+chain.html>

Recent presentations and reports on aerospace and supply chain

## **Events**

<http://www.supplychainbrain.com/calendar/index.cgi>

Supply Chain Brain calendar of events (searchable database)

[http://www.supply-chain.org/cs/root/events\\_calendar\\_education/events\\_calendar/events\\_calendar](http://www.supply-chain.org/cs/root/events_calendar_education/events_calendar/events_calendar)  
Supply Chain Council calendar of events

<http://cscmp.org/events/all-events.asp>  
Council of Supply Chain Management Professionals calendar of events

<http://www.cmtc.com/news.html>  
California Manufacturing Technology Consulting (CMTC) holds topical events throughout the year geared towards manufacturers. These events range from Identifying Energy Efficiencies on the Plant Floor to ISO 9000 Consortia.

<http://www.manexconsulting.com/page.php?id=5>  
The Corporation for Manufacturing Excellence (Manex) hosts and participates in various industry events and conferences.

<http://seaonline.org/Briefings/index.html>  
The Supplier Excellence Alliance hosts conferences and forums to share best practices.

[http://www.sme.org/cgi-bin/events\\_expos.pl?/html/event\\_expo\\_hp.htm&&SME&](http://www.sme.org/cgi-bin/events_expos.pl?/html/event_expo_hp.htm&&SME&)  
The Society for Manufacturing Engineers produces a variety of industry-leading events to provide manufacturers with forums to interact, exchange ideas, evaluate equipment, and sharpen their skills.

[www.rfidjournalevents.com](http://www.rfidjournalevents.com)  
RFID Journal calendar of events

<http://www.aia-aerospace.org/aianews/calendar.cfm>  
Aerospace Industries Association calendar of events

<http://www.amrresearch.com/events/default.asp>  
AMR Research Supply Chain calendar of events

[http://lean.mit.edu/index.php?option=com\\_events&Itemid=417](http://lean.mit.edu/index.php?option=com_events&Itemid=417)  
LAI – MIT calendar of events

[http://ndia.org/Template.cfm?Section=Meetings\\_and\\_Events](http://ndia.org/Template.cfm?Section=Meetings_and_Events)  
The National Defense Industrial Association (NDIA) offers the opportunity to increase knowledge and contacts through its network of divisions and chapters and over 80 technical and policy symposia and convention-exhibit programs each year.

## **Supplier Network Transformation Assessment**

[Lockheed Martin Lean Self-Assessment](#)  
The assessment has been specifically designed to assess a company's present level of maturity in Lean implementation by examining its current practices relative to several components of Lean.



## Manufacturing and Quality Processes

<http://www.manufacturingnews.com/>

Manufacturing & Technology News covers the most important subjects involving manufacturing, research and development, international competition and government policies. It covers the electronics, aerospace, automotive and machine tool industries.

<http://www.nacfam.org/>

The National Council for Advanced Manufacturing (NACFAM) is an industry-led, policy research organization, working make U.S. manufacturing globally competitive. It convenes its members and other key stakeholders to identify, research, formulate, and communicate proposals in a non-partisan, non-lobbying environment.

<http://www.mep.nist.gov/index.html>

The Manufacturing Extension Partnership (MEP) provides its manufacturing customers with a wide array of fundamental services in business and process improvements helping them to stay strong and ready to compete in the global market.

## Quality Assurance and Documentation

<http://www.asq.org/>

The American Society for Quality (ASQ) advances learning, quality improvement, and knowledge exchange to improve business results, and to create better workplaces and communities worldwide. ASQ offers technologies, concepts, tools, and training to quality professionals, quality practitioners, and everyday consumers.

<http://www.iaqg.sae.org/iaqg/>

The International Aerospace Quality Group (IAQG) is a worldwide cooperative organization of prime aerospace industry companies which pool and exchange their experiences to jointly develop processes and standards for high quality products.

<http://www.pri-network.org/>

Performance Review Institute (PRI) is a not-for-profit organization. It exists to advance the interests of the mobility and related industries through development of performance standards and administration of quality assurance, accreditation, and certification programs and related activities.

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