

Program of Study Resources Supply Chain Management

Course	Content Bucket	Standard Number	Resource	Author / Publisher	Location	Notes
Foundations of Supply Chain Management	Occupational Safety	1	Occupational Safety and Health Administration	US Department of Labor	https://www.osha.gov/	Governmental agency in charge of safe and healthful working conditions
			Code of Federal Regulations Title 49 - Transportation	US Department of Transportation	https://www.gpo.gov/fdsys/pkg/CFR-2012-title49-vol2/xml/CFR-2012-title49-vol2-part172.xml	List of hazardous materials handling regulations
			Personal Protective Equipment Guide (Official Publication)	US Department of Labor	https://www.osha.gov/Publications/OSHA3151.pdf	Identification of PPE requirements
Foundations of Supply Chain Management	Career Investigation	2	Bureau of Labor Statistics	US Department of Labor, Bureau of Labor Statistics	http://www.bls.gov/ces	Labor market data and projections
			O*Net	US Department of Labor, Employment and Training Admin	http://www.onetonline.org	Labor market data and projections, customizable by geographic region
Foundations of Supply Chain Management	Career Exploration	3	Bureau of Labor Statistics	US Department of Labor, Bureau of Labor Statistics	http://www.bls.gov/ces	Labor market data and projections
			O*Net	US Department of Labor, Employment and Training Admin	http://www.onetonline.org	Labor market data and projections, customizable by geographic region
Foundations of Supply Chain Management	Supply Chain Functions	4	Sustainable Supply Chain is Good for Business	Accenture	https://www.accenture.com/us-en/insight-outlook-why-sustainable-supply-chain-is-good-business	Briefing on importance of supply chain considerations to business profitability
			7 Reasons SCM Matters	Logistics Bureau	http://www.logisticsbureau.com/7-reasons-why-the-supply-chain-matters-to-business-success/	Article highlighting the affect of SCM decisions on business' bottom line
Foundations of Supply Chain Management	Supply Chain Functions	5	A Guide to Writing a Request for Proposal	Warehousing Education and Research Council	https://www.werc.org/assets/1/assetmanager/rfpwritingguide.pdf	Reference guide for writing RFPs with links to other related resources and examples
			Purchase to Pay (P2P)	The Balance	https://www.thebalance.com/purchase-to-pay-p2p-2221220	General information on forms used to procure resources for final product productions
			Purchase Order (PO)	Microsoft Office	https://templates.office.com/en-us/Purchase-order-TM10173387	Template for creating a Purchase Order
			Sales Invoicing	Microsoft Office	https://templates.office.com/en-us/Invoices	Template for creating a Sales Invoice
			Financial Services	University of Chicago	https://inserv-sites.uchicago.edu/purchasing/po/processin/g/form100.shtml	Identification of purchase order components and completion
Foundations of Supply Chain Management	Supply Chain Functions	6	Importance of Internal Supply Chain	All Things Supply Chain	https://www.allthingsupplychain.com/how-important-is-the-internal-supply-chain/	Explanation of internal supply chain and associated risks
			The Lean Green Sustainable Supply Chain	Author Robert Palevich Pearson Publishing	http://ptgmedia.pearsoncmg.com/images/9780132837613/samplepages/0132837617.pdf	Section I and Section II of this book cover external and internal supply chains respectively
Foundations of Supply Chain Management	Supply Chain Functions	7	The Lean Green Sustainable Supply Chain	Author Robert Palevich Pearson Publishing	http://ptgmedia.pearsoncmg.com/images/9780132837613/samplepages/0132837617.pdf	Book covering creation and maintenance of lean, green, and sustainable supply chains and distribution channels
			19 Steps to Creating a Lean Green Supply Chain	Inbound Logistics A Thomas Company	http://www.inboundlogistics.com/cms/article/19-steps-for-creating-a-lean-and-sustainable-supply-chain/	Article listing steps in lean green supply chain creation
Foundations of Supply Chain Management	Supply Chain Functions	8	Acronym Reference Guide: Logistics and Supply Chain Management	Descartes	https://www.descartes.com/knowledge-center/acronyms-logistics-supply-chain-management	Listing of Supply Chain related acronyms
			SCM Dictionary	Logistics and Supply Chain Management Society	http://lscms.org/scm-dictionary/	500+ supply chain terms defined
Foundations of Supply Chain Management	Supply Chain Functions	9	Supply Chain Management Finance	Supply Chain Management Review	http://www.scmr.com/topic/category/finance	Online with links to current event articles related to supply chain. Has finance, management, and technology sections.

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Foundations of Supply Chain Management	Supply Chain as a Component of Marketing	10	7 Functions of Marketing Game	Jeopardy Labs	https://jeopardylabs.com/play/the-seven-functions-of-marketing	Game covering 7 functions of marketing designed for team play
			What is Marketing?	Marketing Teacher LTD	http://www.marketingteacher.com/what-is-marketing-2/	A prepared lesson defining marketing and explaining the 7 functions of marketing. Other lesson plans and resources are available on this site.
			Assortment of Marketing Lesson Plans and Projects	CTE Online	https://www.cteonline.org/	Database of CTE resources, projects, and lesson plans. Users have the ability to refine searches to specific career clusters and topics.
			Seven Functions of Marketing	Small Business Chronicles	http://smallbusiness.chron.com/seven-functions-marketing-56980.html	Online article explaining the seven functions of marketing
Foundations of Supply Chain Management	Supply Chain as a Component of Marketing	11	Assortment of Marketing Lesson Plans and Projects	CTE Online	https://www.cteonline.org/	Database of CTE resources, projects, and lesson plans. Users have the ability to refine searches to specific career clusters and topics.
			The Marketing Mix and the 5 Ps of Marketing	Mind Tools	https://www.mindtools.com/pages/article/newSTR_94.htm	Overview of the Marketing Mix and an in-depth explanation of each of the four Ps of Marketing
			Supply, Demand, Equilibrium	University of Minnesota Macroeconomics Library	http://open.lib.umn.edu/macroeconomics/chapter/3-3-demand-supply-and-equilibrium/	Textbook chapter covering the concept of using supply and demand to set price point equilibriums
Foundations of Supply Chain Management	Components of Supply Chain	12	It's the Network: Not the Node	Area Development	http://www.areadevelopment.com/specialPub/dw09/distribution-network-supplychain-warehouse01.shtml	Article listing points to consider when planning placement of nodes in distribution channels
			Models and Methods for Logistics Hub Locations	Operations Research Society	http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0101-74382016000200375	Research briefing on building hubs that create viable supply chains
Foundations of Supply Chain Management	Components of Supply Chain	13	Transport Costs	University of Kentucky	www.uky.edu/AS/Courses/GEO545/PPT_F2005/Transport_Costs.ppt	PowerPoint used in University of KY Transportation Logistics course discussing cost and other considerations for each mode of transport
			Modes of Transportation Explained	Freight Hub	https://freighthub.com/en/blog/modes-transportation-explained-best/	Site discussing time, costs, and other factors associated with each mode of transportation
Foundations of Supply Chain Management	Components of Supply Chain	14	Flowcasting the Retail Supply Chain	Flowcasting Book	http://www.flowcastingbook.com/exec-sum.pdf	Facilities specific to retail supply chains
Foundations of Supply Chain Management	Management and Information Technology	15	EPC-RFID Info Product Identification	Bar Code Graphics, Inc	https://www.epc-rfid.info/rfid	Explanation of RFID systems
			FAQs of RFID	RFID Journal	http://www.rfidjournal.com/site/faqs	Answers to frequently asked questions related to RFID systems
			Time to Play with Passive RFID Tags	RFID Journal	http://www.asiarfid.com/rfid-journal/its-time-to-play-with-passive-rfid-tags.html	Passive RFID tags description
			Difference between Active and Passive Tag	RFID Journal	http://www.asiarfid.com/rfid-journal/what-is-the-difference-between-active-tag-and-passive-tag.html	Analysis of active versus passive tagging
Foundations of Supply Chain Management	Management and Information Technology	16	Supply Chain Technology Brings the World Closer Together	Industry Week	http://www.industryweek.com/supply-chain/supply-chain-technology-brings-world-closer-together	Overview of technologies used at each node of supply chain
			Information Technology and Supply Chain Management	Eastern Michigan University Supply Chain Management	https://people.emich.edu/hlee1/ch01SCM.ppt	PowerPoint used at Eastern Michigan University for Supply Chain Majors covering technologies used in SCM
Foundations of Supply Chain Management	Management and Information Technology	17	Statement of Financial Position	Accounting Simplified	http://accounting-simplified.com/financial/statements/statement-of-financial-position.html	Description and templates of balance sheet and income statement
			Linking Supply Chain Performance to a Company's Financial Performance	Supply Chain Management Review	http://www.scmr.com/article/linking_supply_chain_performance_to_a_firms_financial_performance	Detailed description of how supply chain decision affect numbers/sections on financial statements
Foundations of Supply Chain Management	Management and Information Technology	18	Typical SCM Problems and Solutions	Supply Chain Business Solutions	http://supplychainbusinessolutions.com.au/supply-chain-management-solution-finder/concepts/	Listing of potential problems in a supply chain to be used as a thought/conversation starter
Foundations of Supply Chain Management	History and Development of Distribution and Logistics	19	History of Supply Chain	Cerasis Transport Management Services	http://cerasis.com/2015/01/23/history-of-supply-chain-management/	Details timeline, processes, and technology advancements affecting supply chain and distribution
			Timeline of SCM	SciELO	http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0103-65132006000300002	History of supply chain chunked by trends in advancement

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Foundations of Supply Chain Management	History and Development of Distribution and Logistics	20	The ABCs of Supply Chain Compliance	Inbound Logistics	http://www.inboundlogistics.com/cms/article/the-abc-of-supply-chain-compliance/	Online journal article providing overview of regulations affecting SCM, including global trade considerations
			Trade Protectionism	The Balance	https://www.thebalance.com/what-is-trade-protectionism-3305896	Explanation of trade protectionism accompanied by examples and links to applicable legislation
			Free Trade Agreements	International Trade Administration	https://www.trade.gov/fta/	Listing of International Trade Agreements
Foundations of Supply Chain Management	History and Development of Distribution and Logistics	21	Top 25 Supply Chains	Gartner, Inc.	https://www.gartner.com/technology/supply-chain/top25.jsp	List of 2017's top recognized companies for supply chain efficiency
Foundations of Supply Chain Management	Case Study	22	Giants of Retail	CEO World Magazine	http://ceoworld.biz/2017/01/24/giants-retail-worlds-25-largest-retailers-revenue-2017/	Lists top 25 global retailers

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Supply Chain Management I	Occupational Safety	1	Occupational Safety and Health Administration	US Department of Labor	https://www.osha.gov/	Governmental agency in charge of safe and healthful working conditions
			Emergency Response Guidebook	US Department of Transportation	https://www.phmsa.dot.gov/sites/phmsa.dot.gov/files/docs/ERG2016.pdf	Official Emergency Response Guidebook issued by the US Department of Transportation
			Personal Protective Equipment Guide (Official Publication)	US Department of Labor	https://www.osha.gov/Publications/OSHA3151.pdf	Identification of PPE requirements
Supply Chain Management I	Logistics and Transportation	2	Logistics and Transportation Reference for Business	Advameg, Inc	http://www.referenceforbusiness.com/management/Log-Mar/Logistics-and-Transportation.html	Explanation of each of the four subdivisions of logistics
			The Management of Business Logistics, Chapter 2	Iowa State University	www.bus.iastate.edu/ysuzuki/.../Coyle%20Chapter%202%20PowerPoint%20slides.ppt	Thorough explanation of role of logistics in Supply Chain management and definitions for the subdivisions of logistics
Supply Chain Management I	Logistics and Transportation	3	Materials Handling: Functions, Objectives, and Principles	Business Management Ideas	http://www.businessmanagementideas.com/project-report/materials-management/materials-handling-functions-objectives-and-principles/6768	Description of materials handling and its role in production costs and efficiency
			Managing Product Returns for Competitive Advantage	MIT Sloan Management Review	https://sloanreview.mit.edu/article/managing-product-returns-for-competitive-advantage/	Effective product return strategies that lead to company profitability
			Capacity Utilization and Effects on Product and Profit	Small Business Chronicles	http://smallbusiness.chron.com/capacity-utilization-effects-product-profit-67046.html	Article showcasing importance of production scheduling to business' ability to generate income
			Order Fulfillment as a Competitive Advantage	Supply Chain 247	http://www.supplychain247.com/article/order-fulfillment-as-a-competitive-advantage	Explanations and case studies of order fulfillment's role in eCommerce, product costs, and business profits
Supply Chain Management I	Logistics and Transportation	4	Implementation of JIT production through Kanban Systems	Industrial Engineering Letters	https://pdfs.semanticscholar.org/1f56/c58fe3913c8d91543387c5bc713aafa3bdeed.pdf	Published study push systems, pull systems, Kanban systems, Just In Time systems and Lean Dynamics in production.
			Optimization: Transportation vs Inventory	Supply Chain Musings	http://www.supplychainmusings.com/2008/05/optimization-transportation-versus.html	Blog post providing insight on the balance between holding inventory and incurring transportation costs
Supply Chain Management I	Logistics and Transportation	5	Inventory Costs	LOKAD	https://www.lokad.com/definition-inventory-costs	Explanations of product cost components with suggested ranges and practice calculation examples
			Industrial Statistics and Operational Management	ICFAI Business School	http://msdl.niscair.res.in/spui/bitstream/123456789/830/1/CHAPTER%20-%207%20Inventory%20Mgmt.%20-%20Formatted.pdf	Section 7.6 is specific to inventory cost components
			Total Inventory Cost	UltimateCalculators.com	http://www.ultimatecalculators.com/total_inventory_cost_calculator.html	Online calculator for total inventory cost given specific variable inputs
Supply Chain Management I	Logistics and Transportation	6	Analysis of EOQ and ROP	Jose L. and Daniel Gonzalez	http://digitalcommons.calpoly.edu/cgi/viewcontent.cgi?article=1006&context=imesp	Published thesis on using EOQ and ROP formulas to forecast inventory amounts
			EOQ Model	Dr. Ken Homa Georgetown University	faculty.msb.edu/homak/homahelpsite/slides/EOQ.ppt	Inventory Management course presentation providing in-depth instruction and strategic decision making questions related to EOQ
Supply Chain Management I	Warehousing	7	FSMS Rules and Guidance for Industry	US Food and Drug Administration	https://www.fda.gov/Food/GuidanceRegulation/FSMA/ucm253380.htm	Links to official policy guidelines for food storage, manufacturing, and transportation
			Hazardous Chemical Safe Storage Compliance	Safety Info	https://www.safetyinfo.com/safe-chemical-storage-osha-requirements-free-index/	List of government regulation codes which apply to chemical handling and storage guidelines
Supply Chain Management I	Warehousing	8	Warehouse aisle Widths	TouchPath	https://touchpath.com/2013/06/warehouse-aisle-widths-more-to-think-about-than-you-realise/	Descriptions of three types of aisle widths
			Warehousing Equipment	College Industry Council on Material Handling Education	www.mhi.org/downloads/learning/cicmhe/lect	PowerPoint providing in-depth descriptions of racking, storage, and warehousing equipment

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Supply Chain Management I	Warehousing	9	Warehouse Management Systems	Software Advice	https://www.softwareadvice.com/scm/warehouse-management-system-comparison/	Listing of top Warehouse Management Systems complete with reviews and pricing
Supply Chain Management I	Warehousing	10	Global Supply Chain Documents	U.S. Customs and Border Protection	https://www.cbp.gov/document/guidance/global-supply-chain-documents	Links to regulatory policies and forms for global supply chains
			The SDS FAQ	Safety Emporium	http://www.ilpi.com/msds/faq/parta.html	Descriptions of Material Safety Data Sheets, their uses, and links to related governmental policies
Supply Chain Management I	Support Roles and Partnerships	11	Best Practices: Preventative Maintenance 101	Supply Chain 247	http://www.supplychain247.com/article/best-practices_preventative_maintenance_101/MRO_December_2016	Explains five best practices for preventative maintenance
Supply Chain Management I	Support Roles and Partnerships	12	CTPAT: Customs Trade Partnership Against Terrorism	U.S. Customs and Border Protection	https://www.cbp.gov/border-security/ports-entry/cargo-security/ctpat	Official site for CTPAT information
	Support Roles and Partnerships	13	Third Party Logistics (3PL) Explained	Cerasis	http://cerasis.com/2014/02/07/third-party-logistics-services/	Thorough definition of 3PLs and groupings of services offered
Supply Chain Management I	Support Roles and Partnerships	14	15 Tactics for Successful Business Negotiations	Forbes	https://www.forbes.com/sites/allbusiness/2016/09/16/15-tactics-for-successful-business-negotiations/#3e7876982528	Details on effective business negotiation strategies
Supply Chain Management I	Regulations	15	Department of Transportation	U.S. Department of Transportation	https://www.transportation.gov/	Official website for U.S. Department of Transportation
			Homeland Security	U.S. Department of Homeland Security	https://www.dhs.gov/	Official website for U.S. Department of Homeland Security
			Environmental Protection Agency	U.S. Environmental Protection Agency	https://www.epa.gov/	Official website for U.S. Environmental Protection Agency
			International Maritime Organization	United Nations	http://www.imo.org/en/Pages/Default.aspx	Official website for the International Maritime division of the United Nations
			International Organization for Standardization	International Organization for Standardization	https://www.iso.org/home.html	Official website for International Organization for Standardization
			Partners in Trade	World Shipping Council	http://www.worldshipping.org/	Official website for World Shipping Council
Supply Chain Management I	Regulations	16	Regional Trade Agreements Information System	World Trade Organization	https://rtais.wto.org/UI/PublicMaintainRTAHome.aspx	Database for all international trade agreements complete with data tables
			Free Trade Agreements	Office of the United States Trade Representative	https://ustr.gov/trade-agreements/free-trade-agreements	Listing of the 20 countries whom the United States has free trade agreements
Supply Chain Management I	Regulations	17	INCOTERMS® Rules 2010	International Chamber of Commerce	https://iccwbo.org/resources-for-business/incoterms-rules/incoterms-rules-2010/	Official website for INCOTERMS®
Supply Chain Management I	Problem Solving	18	What-If Analysis	Excel Easy	http://www.excel-easy.com/data-analysis/what-if-analysis.html	Tutorial on how to create What If Analysis in Excel
			GLEC Framework	Global Logistics Emissions Council	http://www.smartfreightcentre.org/glec/glec-framework	Newest guidelines for calculating carbon footprint in supply chains
Supply Chain Management I	Problem Solving	19	Even Swaps: A Rational Method for Making Trade-offs	Harvard Business Review	https://hbr.org/1998/03/even-swaps-a-rational-method-for-making-trade-offs	Provides tips for making trade-off decisions
Supply Chain Management I	Trends	20	Walmart	Walmart Corporate	https://corporate.walmart.com/our-story/our-business	Description of Walmart's supply chain, distribution centers, and transportation fleet
			How Amazon Works	How Stuff Works	https://money.howstuffworks.com/amazon.htm	Company description, history, and inner workings for Amazon
			Kroger	Kroger Corporate	https://www.thekrogerco.com/vendors-suppliers/logistics/	Corporate website for Kroger explaining sustainability, 3PLs, and logistics for the company
Supply Chain Management I	Trends	21	Six Key Supply Chain and Logistics Trends in 2017	Logistics Bureau	http://www.logisticsbureau.com/6-key-supply-chain-and-logistics-trends-to-watch-in-2017/	In-depth analysis of the top trends in Supply Chain Management and the initial impact of each

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Supply Chain Management I	Trends	22	The Economic Impact of eCommerce	Supply Chain Quarterly	http://www.supplychainquarterly.com/columns/scq201102monetarymatters/	Article summarizing eCommerce's impact on economy, consumer behavior, and transportation patterns
Supply Chain Management I	Trends	23	Automation vs Human Intervention	The American Society of Safety Engineers	http://www.asse.org/practicespecialties/management/automation_human_intervention/	Provides considerations for when it is best to use human labor and automation devices
Supply Chain Management I	Project	24	Economic and Community Development	TN Department of Economic and Community Development	https://www.tn.gov/ecd.html	Official website for TN Department of Economic and Community Development
			Department of Transportation	TN Department of Transportation	https://www.tn.gov/tdot.html	Official website for TN Department of Transportation