



Material Handling 101: Fundamentals, Analysis and Selection

Lead material handling improvements.

COURSE DESCRIPTION

The Supply Chain & Logistics Institute is hosting this hands-on workshop which will prepare you to organize and lead material handling improvements. This is essential learning for those who are seeking cost reductions through better handling methods, and will also be valuable for those who must replace, upgrade, or add material handling equipment. This workshop covers topics over systems analysis, equipment selection, and the relationship of material handling to other activities and operations of the industrial plant or warehouse.

THIS COURSE WILL ENABLE YOU TO

- Review fundamental principles and economics of material handling
- Plan and analyze material handling systems by validating your concepts and finding real products that could help you implement your plans
- Understand how and when to apply material handling automation – Systematic Handling Analysis (SHA) – an organized approach
- Improve material handling operations by analyzing cost justification and identifying preferred handling methods and equipment

COURSE TOPICS

- Definition and objectives of material handling
- Categories of handling equipment
- Types of handling systems
- Key information for systematic analysis
- Practical ways to visualize and analyze material movements
- Data on material movements to develop a material handling plan
- Evaluation and selection of plans and equipment
- Work sampling, time standards, and measurement of material handling labor

COURSE INFORMATION

DATE(S)	TBD
LOCATION	Georgia Tech campus Atlanta, GA
REGISTER	pe.gatech.edu/mh-101

COURSE FEES

Standard Course Price	\$1,500
SCL and GT Alumni/ Organization Discount Price*	\$1,350
Certificate Price Per Course [†]	\$1,245
Multi-Team Members Discounts	CALL 404-385-8663

*Members of APICS, AST&L, CSCMP, INFORMS, Supply Chain Leadership Council, and WERC receive the "Organization Discount Price" for each course.

[†]To receive the "Certificate Program Course Price" for this course, you must prepay in one payment for all courses required to earn a certificate.

Professional Development Units

Professional Society members may be able to apply course attendance to meet certification or recertification requirements.

Space is Limited! Reserve Your Seat
Today at pe.gatech.edu/mh-101



DOAD EARN A GEORGIA TECH SUPPLY CHAIN & LOGISTICS CERTIFICATE

DISTRIBUTION OPERATIONS ANALYSIS & DESIGN (DOAD) CERTIFICATE

Formulated to arm distribution operations professionals to stand out in their careers as experts in facility operations improvement. Emphasis is placed on topics such as: Systematic Methodologies to Facility Layout; Quantitative Analysis of Needed Facility Capabilities; Lean Warehousing Concepts; and Rigorous Tradeoff Analysis of Labor, Equipment, and Facility Alternatives. Develop critical skills needed in both designing new facilities and reengineering a wide variety of existing distribution facility types.

Complete this course and earn 1.2 CEUs toward the Distribution Operations Analysis & Design Certificate.

HOW THE DOAD CERTIFICATE WORKS

Take four courses within four years and receive your Georgia Tech Distribution Analysis and Design Certificate. Required DOAD courses include: Engineering the Warehouse; Lean Warehousing; and Warehousing/ Distribution Center Layout. Participants may choose either Material Handling 101 or one other course in the SCM, SDP, LSCP, SCPM, or SCF series for their elective.

COURSE INSTRUCTOR

H. Lee Hales is the president of Richard Muther Associates. Hales has authored and co-authored several books on industrial planning, including: Systematic Planning of Industrial facilities (with Richard Muther) and Computer-Aided Facilities Planning. As an internationally recognized planner of manufacturing and distribution facilities, has assisted on a wide range of global projects. His clients include: Motorola, General Motors, Coca-Cola, Delta Air Lines, and many others.

THE GEORGIA TECH SUPPLY CHAIN NETWORK

Join supply chain and logistics professionals of Georgia Tech and learn more about activities at www.scl.gatech.edu/apps/rsvp/sclaffinity



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Sources: *Business Insider; †Unique Venues, Winter 2015; ‡U.S. News and World Report; §Airports Council International

WHAT PARTICIPANTS SAY ABOUT THE SCL PROGRAM

100% The training has deepened their supply chain knowledge

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