

Material Handling 101: Fundamentals, Analysis and Selection (MODEX)

LEAD MATERIAL HANDLING IMPROVEMENTS!

Date: March 17-18, 2014

Location: Atlanta, GA
Georgia World Congress Center

Register: pe.gatech.edu/scl-mh101

Earn a
**Supply Chain
& Logistics
Certificate**

Complete this course and
earn 1.2 CEUs toward
your certificate.

What Is Covered

- **Fundamental principles and concepts**
 - Definition and objectives of material handling
 - Basic principles and economics of material handling
- **Classifications of material handling equipment**
 - Understanding the categories of handling equipment
 - Understanding the types of handling systems
- **How to analyze material handling problems**
 - Systematic Handling Analysis (SHA) - an organized approach
 - Key information for systematic analysis
 - Practical ways to visualize and analyze material movements
- **Guided application in material handling analysis**
 - Use data on material movements to develop a material handling plan
 - Identify preferred handling methods and equipment for different classes of materials and for each move in a facility
- **Research on the show floor**
 - Take your material handling plan onto the Show floor. Validate your concepts; find real products that could help you implement it
 - Map actual material handling products to a wide range of movement situations: high volume; low volume; conveyable; not conveyable; short-distance; long-distance; between workplaces; within the workplace and more
- **Evaluation & Selection**
 - Cost justification and comparison
 - Evaluation and selection of plans and equipment
- **How to improve material handling operations**
 - Ways to attack material handling problems
 - Checklists and surveys
 - Work sampling, time standards and measurement of material handling labor

Course Description



In conjunction with MODEX 2014, 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.

Course Fees

Individual Course Price: \$1,500

SCL & GT Alumni/Organization Discount Price*: \$1,400

Certificate Price: \$1,300

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



Georgia Tech
Supply Chain & Logistics Institute
EDUCATION • INNOVATION • LEADERSHIP

REGISTER FOR THIS COURSE AND RECEIVE ENTRY INTO 3 EVENTS!



Attend all 3 Co-Located Events!

Registration for Material Handling 101: Fundamentals, Analysis and Selection also includes entrance into MODEX, the Georgia Logistics Summit, and Supply Chain & Transportation USA.

MODEX **March 17-20, 2014**

MODEX 2014 will provide attendees access to the latest manufacturing and supply chain equipment and technologies. Over 800 exhibitors from industry, commerce, and government will display their supply chain solutions on the 180,000 square foot show floor.

Georgia Logistics Summit **March 18-19, 2014**

At the Georgia Logistics Summit on March 18, you will have lunch with Solution Providers, explore their booths, and attend the evening Networking Reception. On March 19, you are welcome to attend the second day of the GA Logistics Summit which includes a Lunch Keynote and education sessions.

Supply Chain & Transportation USA **March 17-20, 2014**

Supply Chain & Transportation USA exhibitions offer manufacturing and supply chain professionals a comprehensive experience – unique to the industry – featuring pragmatic content, networking opportunities and exposure to the largest equipment and technology display of any show of its kind in North America.

Professional Education Bio

H. Lee Hales is 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, he has assisted on a wide range of global projects. His clients include: Motorola, General Motors, Coca-Cola, Delta Air Lines, and many others.



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