



Warehouse/Distribution Center Layout & Material Handling

(Online/Self-paced)

**Master Systematic Layout Planning (SLP)
for your facility.**



COURSE DESCRIPTION

This "how-to" course teaches Systematic Layout Planning (SLP) for warehouse and distribution center design, covering order-picking, storage, and material handling methods for new or existing facilities. You'll learn by doing with over 100 pages of worksheets and exercises, a dozen case problems, checklists, and Excel Working Forms. The course also covers site location and selection, warehouse relocation, and installation planning. No prior experience or prerequisites are required.

WHO SHOULD ATTEND

Designed for warehouse, distribution, and logistics managers; supervisors and team leaders; industrial engineers and systems analysts; new facility planning teams; supply chain and lean leaders; and material handling engineers and equipment providers.

WHAT YOU WILL LEARN

- Systematic Layout Planning (SLP)
- Order-picking and storage choices
- Material handling methods
- Space estimating techniques
- Block and detailed layout plans
- Project planning and management
- Site location and installation

COURSE TOPICS

- Module 1: Systematic Layout Planning (SLP)
- Module 2: Order Picking and Storage
- Module 3: Material Handling and Integration
- Module 4: Flow and Other Relationships
- Module 5: Space Requirements and Block Layout
- Module 6: Detailed Area Layouts
- Module 7: Project Planning and Management

COURSE FEES

Standard Price

\$2,500

Certificate Price*

\$2075

Multi-Team
Member Discounts

**CALL OR
EMAIL US**

*To receive the "Certificate Price", you must prepay in one payment for all courses required to earn a certificate.

*Offered through Georgia Tech
Professional Education using the
Canvas learning management system*



Register at:

pe.gatech.edu/courses/warehousedistribution-center-layout-and-material-handling



WAREHOUSE/DISTRIBUTION CENTER LAYOUT & MATERIAL HANDLING

HOW YOU WILL BENEFIT

- Improve material flow and throughput
- Reduce handling and order-picking costs
- Improve space utilization
- Support flexibility and volume growth
- Speed up plan approvals and agreements
- Boost management's confidence

COURSE MATERIALS

Required (student must provide): A computer with a PDF viewer, Microsoft PowerPoint, and Excel; Visio is optional (exercises can be completed by hand instead). GT will mail you a die-cut ruler and colored pencils for the hands-on layout exercises.

Provided (student will receive): Access to online course content and optional reading materials.

COURSE INSTRUCTOR

H. Lee Hales is a Georgia Tech Supply Chain and Logistics Institute professional education instructor and President of Richard Muther & Associates, a leader in material handling analysis. He is the author of several influential books on industrial facilities, layout planning, and automation. As a former distribution manager and consultant, Lee has worked with firms such as Coca-Cola, The Container Store, Johnson & Johnson, Nokia, Delphi Automotive, Textron, and PACCAR, among many others.



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For any questions, please email course@scl.gatech.edu or call 404.894.2343.

SIMPLIFIED SYSTEMATIC LAYOUT PLANNING....

Instructions for Applying
SIMPLIFIED SYSTEMATIC LAYOUT PLANNING

- 1 - Chart the Relationships
- 2 - Establish Space Requirements
- 3 - Diagram Activity Relationships
- 4 - Draw Space Relationships
- 5 - Evaluate Alternative Arrangements
- 6 - Detail the Selected Layout Plan

RICHARD MUTHER & ASSOCIATES - 2178 ppt FROM THE BOOK "SIMPLIFIED S.L.P." BY MUTHER & WHEELER, MGMT & IND. RESEARCH PUBLS.

COURSE FORMAT

This fully online, self-paced course allows you to learn on your own schedule, with the flexibility to start, pause, and resume at any time. The program includes 33 hours of instruction delivered across 33 sessions within 7 modules through the Canvas learning management system.

Complete this course and earn 3.30 CEUs
toward the DOAD Certificate.

DISTRIBUTION OPERATIONS ANALYSIS AND DESIGN (DOAD) CERTIFICATE

Formulated to arm distribution operations professionals to stand out in their careers as experts in facility operations improvement.

Customized Programs available
www.scl.gatech.edu/custom