

# Unit Load Design Short Course for Pallet Suppliers

“How to Use Pallet Design Differently”

Date: August 15 -17, 2017

Location:

Brooks Forest Product Center

Who should attend: Wood pallet manufacturers, pallet brokers and pallet repair operators.

## Objectives:

- Learn to effectively design corrugated boxes
- Learn how to use pallet design to reduce packaging spend
- Reduce product damage
- Identify opportunities to reduce the operating cost of your supply chain
- Learn the principles of System Based Unit Load Design: the systems based optimization procedures that will improve customer service and increase your competitiveness
- Learn how to use the Best Load™ unit

**Topics include:** Principles of unit load design; Unit load material handling audit procedures; Packaging design; Pallet design; Material handling systems; Interactions between material handling equipment, packaging, and pallets; Diagnosing and solving material handling problems; stringer and block class pallet design using Best Load™

## Instructors:

- Marshall S. White (Professor Emeritus and CEO of White and Company)
- Laszlo Horvath (Director, Center for Packaging and Unit Load Design)

## Cost: Tech's Center for Packaging

- \$400 members of Center for Packaging and Unit Load Design
  - \$700 for members of ISTA/MHI/Pallet Profile Subscribers
  - \$800 Non-members
- Registration fee includes an electronic course manual, temporary installation of Best Load™, and CEU certificate.

Registration Deadline: August 1, 2017 (Late registration +\$50)

**Registration:** Virginia Tech Outreach Program Development at (540) 231-5182

For more information visit our website <http://unitload.vt.edu/> or call 540-231-7673

Cooperating Associations and Companies:



# Short Course Agenda

## Day 1

2:00 p.m. – 5:00 p.m.

Introduction

Principles of Unit Load Design

Basics of Packaging Design

- Corrugated Boxes
- Drums, Pails
- Bags, IBC
- Load Stabilization

## Day 2

8:00 a.m. – 5:00 p.m.

Basics of Material Handling Systems

- Industrial Trucks
- Conveyors, Rack Systems, Automated Warehouses
- Shipping Systems

Basics of Wood Pallet Design

Unit Load Design Practice using Best Load™

## Day 3

8:00 a.m. – 12:00 p.m.

Interactions between Material Handling Equipment, Packaging, and Pallets

Unit Load Design Practice using Best Load™

Field Audit Examples and Case Studies

