For More Information

For additional information, please contact:
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Center for Unit Load Design
1650 Ramble Road
Blacksburg, VA 24061
(540) 231-5370, e-mail: unitload@vt.edu
Or visit our website at:
www.cpe.vt.edu/unitload/

What Past Participants Said

“There is no better way to learn about the interaction between pallets, corrugated boxes, stretch wrap, and other packaging products. Without this information, we are not looking at the whole picture.”
Stan Schaefer, Schaefer Box and Pallet Co.

“The mix of industry representatives and information presented gave me a broader perspective of the pallet industry.”
Randy Jarrells
Packing Material Engineer
Volvo Logistics NA Inc.

“This was an excellent course with very valuable and applicable info. I can’t wait to use this program’s lessons.”
Susie (Burleigh) Elkins
IBM Worldwide Distribution Services

“The lessons learned during this course were invaluable! We now have a broader understanding of packaging such as corrugated boxes and plastic pallets. We now understand the perspective of a material handling engineer.”
Paul Gutchess
Paul Bunyan Products

Location and Lodging

Unit Load Design Short Course will be taking place at the Thomas M. Brooks Forest Products Center located at 1650 Ramble Road in Blacksburg, Virginia.

Participants are responsible for making their own lodging reservations. A block of lodging rooms has been reserved at the Marriott Courtyard for the rate of $99 plus tax per night. All reservations can be made by calling (540) 552-5222 and referencing the Unit Load rook block. Reservations must be made by May 3, 2011.

Refund and Cancellation Policy

Requests for refunds will be honored when received seven calendar days prior to the program. However, another person may be substituted at any time for this program. A $75 administrative fee will be deducted for cancellations. In the unlikely event that this program is cancelled or postponed due to insufficient enrollments or unforeseen circumstances, the university will fully refund registration fees but cannot be held responsible for any other expenses, including cancellation or change charges assessed by airlines, hotels, travel agencies, or other organizations.

For weather or disaster-related program cancellation or postponement information, please call 540-231-9489.

Virginia Tech does not discriminate against employees, students, or applicants for admission or employment on the basis of race, gender, disability, age, veteran status, national origin, religion, sexual orientation, or political affiliation. Anyone having questions concerning discrimination should contact the Office for Equal Opportunity. If you are a person with a disability and require any auxiliary aids, services, or other accommodations for this workshop, please discuss your accommodation needs with Alissa VanDeventer at (540) 231-2014 or TDD (800) 828-1120 by two weeks prior to the short course.
Who Should Attend
Packaging, pallet, and material handling equipment suppliers, as well as the users of these components. Attendees will learn proven methods to:
- Lower Unitization Costs
- Reduce product damage
- Identify opportunities in warehouse audits
- Increase material handling rates
- Understand the perspective of packaging engineers, pallet suppliers, and equipment designers.

Learn Unit Load Design: the systems-based optimization procedures that will improve customer service and increase your competitiveness.

Instructors
Ralph Rupert, Center Director, Packaging Engineer, Center for Unit Load Design
Marshall White, CEO of White & Company

Program (continued)
11:30 a.m. – 12:00 p.m.
Lunch (on your own)
12:00 – 3:00 p.m.
Basics of Packaging Design (continued)
3:00 – 5:00 p.m.
Basics of Material Handling Systems
- Industrial Trucks
- Conveyors, Rack Systems, Automated Warehouses
- Shipping Systems

Wednesday, May 18
8:00 – 10:30 a.m.
Material Handling Systems (continued)
10:30 a.m. – 11:30 a.m.
Basics of Pallet Design
- Terminology
- Materials
- Recycled/Remanufactured Pallets
- Fasteners
11:30 a.m. – 12:00 p.m.
Lunch (on your own)
12:00 – 2:00 p.m.
Pallet Design (continued)
2:00 – 5:00 p.m.
Tour of Center for Unit Load Design and Pallet Laboratories

Thursday, May 19
8:00 a.m. – 12:00 p.m.
Field Audit Demonstration
12:00 – 1:00 p.m.
Case Studies

Registration
Unit Load Design Short Course
May 17-19, 2011
Please print or type—complete a separate form for each participant or register online at: www.cpe.vt.edu/unitload

Program
Tuesday, May 17
7:30 – 8:30 a.m.
Registration
8:00 – 10:00 a.m.
Introduction
Principles of Unit Load Design
Unit Load Material Handling Audit
10:00 – 11:30 a.m.
Basics of Packaging Design
- Corrugated Boxes
- Drums, Pails
- Bags, IBC
- Load Stabilization