



**The National Institute of Packaging, Handling and
Logistics Engineers**

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**John Gerrish &
AirPACK[®] Associates, LLC
Affiliate**

COURSE NAME: CONTEMPORARY SUPPLY CHAIN PACKAGING

COURSE DESCRIPTION

COURSE # : CSCP-100

DATE OFFERED: February 22 - 25, 2010

COST: NIPHE Members \$790.00 Non-Members \$825.00

This course covers the subject of commercial, industrial and military packaging for transportation. It will prepare a person for the skills needed to understand the concepts needed to prepare, offer, handle and accept ground, ocean and /or air shipments in transportation. It is a systematic training program that installs familiarity with the general provisions of the fundamentals of Supply Chain Packaging concepts for products that are shipped domestically or internationally or for the Department of Defense.

Instruction will focus on a variety of non-bulk packaging principles for items and commodities offered into transportation. This course also includes a four (4) hour General Awareness of Hazardous Materials in Transportation curriculum that meets the training topic requirements of U.S. D.O.T. 49-CFR.

NOTE: This course does not cover the regulations for offering radioactive (Class 7) or infectious shipments into transportation.

LEARNING OBJECTIVES

At the conclusion of this course, the student will be able to:

identify many of the different terms and uses used for packaging a variety of materials in transportation.

navigate through most of the commercial, industrial, and Department Of Defense specifications used in designing and engineering packaging for transportation. Classify products by their respective industry definition. Assign basic packaging engineering concepts to products and packaging. Recognize and identify packaging subject matter associated with shipping various commodities domestically and internationally. Recognize and identify the different standards, trends, specifications of commercial and military types and styles of contemporary packaging. Recognize most of the proper communications used on packaging / marks and labels for a shipment. Inspect and accept most domestic and international ground, ocean and/or air shipments of hazardous materials. Recognize and identify hazardous materials in transportation. Understand the precautions to be taken when handling hazardous materials.

Through all of this, emphasis will be placed on current business practices, commercial, industrial, military, and hazmat.

DIVISION OF SUBJECT MATTER

<u>Main Topics</u>	<u>Lecture Hours</u>	
1. Introduction / Class Orientation		1
2. The History of Packaging	2	
3. Commercial / Consumer Packaging		5
4. Industrial Packaging / ASTM / Testing / QA	5	
5. Military Packaging / Mil-Spec / Mil-Std-2073 / ASTM	5	
6. Hazardous Materials Packaging	4	
7. Testing / Quiz / Course Conclusion	3	
8. Lunch provided 3 hours @ 1Hr each day	<u>3</u>	
Total	28 Hrs	

COURSE MATERIAL

Course Work Book
 Pass Out Literature / Case Studies
 Reference Guides to ASTM and Third Party Testing
 Power Point Presentations / Case Studies / Packaging Demonstrations
 D.O.T. Hazmat Literature
 EMR Guide Book