Corrugated Packaging Seminar

Location: Harris A. Smith Auditorium

Day 1

8:00  Introductions and Program Overview

8:10  Industry Overview
   A scope and size description of the North America and Global Container Board and Corrugated Packaging Industries.

8:25  Container Board Grades
   An introduction to liner board and medium materials common to corrugated packaging.

9:30  Break, Group Photo

9:45  Container Board Manufacturing
   Board manufacturing including harvesting operations, planting, transportation, and mill operations.

10:30 Corrugated Board and Applications + breakout
   Combined materials including single face, single wall, double wall, triple wall, flutes, and combinations.

12:00 Lunch + Sonoco Institute Tour

1:00  Corrugated Board Production
   An introduction to corrugator systems including roll stands, single facer, doublebacker, gluing, slitting, scoring, cutoff, and stacking. Attention is given to adhesives, water, mechanics of the bond, and prominent defects.

2:00  Stretch Break

2:10  Characteristics of Containerboard and Combined Board
   Descriptions and hands-on application of the most relevant process and product quality control testing for appearance, surface, and physical properties.

3:50  Stretch Break

4:00  Packaging Performance
   Box performance factors including material selection, design elements, best practices, and environmental effects.
Day 2

8:00 Announcement, Review

8:10 **Structural Design + breakout**
A description of collaborative design including physical, functional, and marketing aspects; steps in design and prototyping; classical box styles, and award winning concepts.

9:30 Break

9:45 **Package Labeling**
The appropriate use of information placed on boxes including claims, certifications, and seals of approval.

10:10 **Pre-press**
Graphic design, image assembly, color separation, proofing systems, digital screening, and extended gamut.

10:40 **Corrugated Package Printing**
Descriptions and application of flexography for corrugated boxes.

11:00 Stretch Break

11:10 **Printing (cont’d.)**
Offset Lithography, Gravure

12:00 Lunch + ISTA Test Lab Tour

1:30 **Printing (cont’d.)**
Digital Print

2:30 **Die Cutting, Scoring, and Finishing**
The equipment, tools, and techniques used in converting printed, corrugated board into user-ready boxes.

3:20 Summary, Review

3:30 Adjourn