



SONOCO
INSTITUTE
CLEMSON® UNIVERSITY

Flexo Foundations Seminar

Location: Harris A. Smith Auditorium

Day 1

9:00 Program Overview and Introductions

9:15 Flexography - Introduction and History

An overview of the evolution of flexographic printing, its key markets and the basic characteristics of flexography printing.

10:00 Printing 101

Printing terminology, other printing processes and how they compare with flexography.

10:30 Break

10:40 Flexographic Markets

A look at the various flexographic markets: flexible packaging, folding carton, corrugated, multi-wall bag, tag & label and others, along with the differences in presses used for each.

12:00 Lunch

1:00 Flexographic Press In-Depth

A deeper look at the components of a flexographic press.

2:15 Tour of the Sonoco Institute

2:45 Hands-On: Flexographic Platemaking and Flexo Press Overview

A brief overview of digital platemaking and mounting.

3:15 Hands-On: OMET Varyflex 7-Color Narrow Web Press

Explore the setup and operation of a narrow-web flexographic press.

4:00 End of Day

Day 2

9:00 Inks and Substrates

An exploration of the different types of flexographic ink, as well as substrates suitable for flexography printing.

9:40 Converting and Miscellaneous Topics

A brief overview of converting operations associated with flexography, as well as health and safety considerations.

10:15 Break

10:30 Next Steps with FIRST Certification

Overview of additional FIRST training opportunities.

12:00 Lunch

1:00 FIRST Level I Certification Test

2:00 Presentation of Certificates & Adjourn