

FLEXO FOUNDATIONS SEMINAR

Location: Harris A Smith Building Auditorium

DAY 1

9:00 Welcome and Introductions

9:15 Flexography - Introduction and History

An overview of the evolution of flexographic printing, it's key markets and usages, and the basic characteristics of flexographic 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

We take a deeper look at the components of a flexographic press.

2:00 Hands-On: Flexographic Platemaking and Flexo Press Overview

A brief overview of digital platemaking and mounting.

3:00 Hands-On: OMET Varyflex 7-Color Narrow Web Press

Attendees will see first-hand the setup and operation of a narrow-web flexographic press.

4:30 End of Day 1

DAY 2

- 9:00 Ink & Substrates
An exploration of the different types of flexographic ink, as well as substrates suitable for flexographic printing.
- 9:40 Converting & Miscellaneous Topics
A brief overview of converting operations associated with flexography, as well as health and safety considerations.
- 10:15 Break
- 10:30 Hands-On: Print Analysis
A hands-on activity looking at the banded anilox test, a characterization print, and various print samples.
- 11:30 Tour of The Sonoco Institute of Packaging Design & Graphics
- 12:00 Lunch
- 1:00 Tour of Godfrey Hall: Graphic Communications Department
We will take a walk across campus to tour Godfrey Hall, looking at other printing processes including Digital, Gravure, Screen and Offset.
- 3:00 Next Steps with FIRST Certification - Duane Woolbright, FTA
Overview of additional FIRST training opportunities.
- 3:45 FIRST Level 1 Certification Test
- 5:00 Presentation of Certificates & Adjourm