

# DIGITAL PLATES AND SCREENING FOR FLEXO SEMINAR

Location: Harris A Smith Building Auditorium

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## DAY 1

8:00 Breakfast

8:30 Introductions and Program Overview (Bobby Congdon, Clemson University)

9:00 Fundamentals of Plate Imaging and Processing (Kariahlyn Lindsay, Clemson University)  
*An overview of the flexographic platemaking process, including photopolymer types, plate imaging technologies, dot structures, exposure and washout methods, and more.*

10:00 Break

10:15 Specialty Screening (Matt Furr, Esko)  
*Surface patterning, AM/FM, hybrid screens, selecting the proper screening.*

11:15 Setting up an Optimization Test (Bobby Congdon, Clemson University)  
*Setting up an effective optimization test is more than just arranging targets on the plate. Learn how to maximize the real estate on your test form and develop an efficient plan for testing the variables on press.*

12:00 Lunch

1:00 Breakout Sessions

| Session                                     | Location (Floor)   | Instructor                 |
|---------------------------------------------|--------------------|----------------------------|
| <b>A. Press Test &amp; Print Evaluation</b> | Adv. Print Lab (1) | Kariahlyn Lindsey, Clemson |
| <b>B. Process Control in the Plateroom</b>  | Plate Lab (1)      | Brad Gasque, DuPont        |

5:00 End of Day, Social Hour and Group Dinner

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## DAY 2

8:00 Breakfast

8:30 Breakout Sessions

| Session                                        | Location (Floor)   | Instructor                 |
|------------------------------------------------|--------------------|----------------------------|
| <b>A. Press Test &amp; Print Evaluation</b>    | Adv. Print Lab (1) | Kariahlyn Lindsey, Clemson |
| <b>B. Curve Creation and RIP Configuration</b> | Fishbowl (1)       | Matt Furr, Esko            |

12:30 Lunch

1:15 Plate Handling and Care (Jason Cagle, MacDermid and Brad Gasque, DuPont)  
*Plate cleaning, handling, storage and best practices for productivity.*

2:00 Q&A, Wrap-up and Adjourn

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