

	A	B	D	E	H
1	<b>2025 Summer Course at Appalachian State University - Boone, NC</b>				
2					
3	<b>Date</b>	<b>Start Time</b>	<b>Subject</b>	<b>Duration</b>	<b>Speaker</b>
4	Monday 7/14	12:00 PM	Lunch		
5		1:00 PM	Graphic Arts Printing Ink Industry Overview	0.5	George Fuchs
6		1:30 PM	Print Processes Intro	1.0	Les Watkins
7		2:30 PM	Substrates – Paper Properties & Printability	1.5	Lokendra Pal
8		4:00 PM	Organic/Inorganic Pigments, Metallic & Special Effect Colorants	1.5	Mike Oberski
9		5:30 PM	Group Dinner	0.5	
10		6:00 PM	Aqueous, Energy Cure, Conventional Sheetfed Coatings Presentation	1.0	Matt Apke
11	Tuesday 7/15	8:00 AM	Lithographic Print Process	1.0	David Biro
12		9:00 AM	Litho Paste Ink Vehicle Composition	1.0	Matt Apke
13		10:00 AM	Break	0.5	
14		10:30 AM	Litho Paste Ink Composition	1.0	David Biro
15		11:30 AM	Lunch	1.0	James Ford
16		12:00 PM	Energy Cure (UV, EB, LED...) Curing mechanisms,equipment, chemistry	1.0	David Biro/Matt Apke
17		1:00 PM	Ink Estimating	1.0	George Glisan
18		2:00 PM	Formulating Litho Inks & Vehicles	1.0	Matt Apke/David Biro
19		3:00 PM	Break	0.5	
20		3:30 PM	Fundamentals of Carbon Black (concurrent 13)	0.75	Carlos Hernandez
21		3:30 PM	Digital Press Demo (concurrent 12)	0.75	TBD
22		6:00 PM	Group Dinner	0.5	
23		6:30 PM	Printing Ink Testing	1.0	David Biro
24	Wednesday 7/16	8:00 AM	Fountain Soln/Press Room Chems	1.0	Frank Pannell
25		9:00 AM	Liquid Ink Additives	1.0	Kai Yang
26		10:00 AM	Break	0.5	
27		10:30 AM	Principles of Rheology & Practical Applications	1.5	Saeid Savarmand
28		12:00 AM	Viscosity Demo (concurrent 17,18)	0.5	Chris Jordan
29		12:00 AM	Inkometer Testing Demo (17,18)	0.5	Dean Kershaw
30		1:00 PM	Lunch		
31		1:30 PM	Principles of Dispersion	1.0	James Ford
32		2:30 PM	Offset Press Demo (Bus)three groups (concur 21,22)	1.5	TBD
33		2:30 PM	Printability/Proofing Demo (concur 20, 22)	1.0	
34		2:30 PM	Offset Ink Construction (concur 21, 20)	1.0	Dale Flackett
35	6:00 PM	Open Night (no group dinner)			
36	Thursday 7/17	8:00 AM	Flexo & Gravure Solvent Vehicle Composition	1.0	Davis Allred
37		9:00 AM	Flexo & Gravure Water Based Ink & Vehicle Composition	1.0	Dave Tappa
38		10:00 AM	Break	0.5	
39		10:30 AM	Digital Ink Systems	1.0	Terry Clayton
40		11:30 AM	Lunch		
41		12:00 PM	Flexo ink Construction/Press Demo (concurrent with 26)	1.0 h	Tucker, Tappa, Pedersen
42		12:00 PM	Flexo/Gravure Print Processes(concurrent with 25)	1.0 h	Davis Allred
43		2:00 PM	Formulating Flexo & Gravure Vehicles and Inks	1.0 h	Davis Allred
44		3:00 PM	Break		
45		3:15 PM	Anilox Discussion/Application	0.75	Paul Teachout
46	4:00 PM	Flexo Plate Making/Mounting	0.75	Brad Gasque	
47	5:30 AM	Dinner			
48	6:00 PM	Regulatory Overview		George Fuchs	
49	Friday 7/18	8:30 AM	Introduction to Color Matching	1.0	Bobby Congdon
50		9:30 AM	Film Substrates	1.0	Devin VanDeWalle
51		10:30 AM	Break	0.25	
52		11:30 AM	Troubleshooting (Liquid Inks)	0.75	Jeremy Rohan
53		12:15 PM	Review Feedback - Formal Q&A (Other NAPIM Classes/Tech Conference)	0.25	George Fuchs
54		12:30 PM	Box Lunch		