

Coated Paper Printability Course

May 31-June 2, 2009



Schedule of Activities

Date and time			
Sunday, May 31 8:00 am—9:00 am	Introduction to printing methods	Basic knowledge in printing methods	1.0 hours
Sunday, May 31 9:00 am—10:00 pm 10:00 am—10:30 pm Break 10:30—12:30 12:30—1:30 pm Lunch on your own	Print quality	Color perception, color gamut, substrate effect on print quality, printing defects	2 hours lecture + 1 hour workshop
Sunday, May 31 1:30—2:15 pm	Principal of Offset Lithography	Knowledge in image formation, ink transfer, setting, solidification and drying in different offset lithographic methods. Printing machine configuration and special demands, paper transport, varnishing and special effects	45 min
Sunday, May 31 2:15—3:15 pm 3:15—3:45 pm Break	- Sheet Fed - Heat Set - Cold Set	Printing machine configuration and special demands, paper transport, varnishing and special effects	1.0 hour
Sunday, May 31 3:45 am-4:30 pm 4:30 pm Coating Keynote Address 6:00—8:00 pm Pub and Poster Reception in the Exhibit Hall	- Offset materials	Knowledge in paper, ink, plates, blankets, fountain solutions, ...	45 min

Schedule of Activities

(continued)

<p>Monday , June 1</p> <p>7:00 am—8:00 am Opening Session Breakfast</p> <p>8:00am-10:00 am Course 10:00—10:30 am Break 10:30—11:30 am Course 11:30—1:00 pm Coating Lunch and Learn</p>	<p>- Coated paper interactions in offset printing</p>	<p>Knowledge in different types of defects caused by ink setting differences, back trapping, picking, piling, mottling types, ghosting, vanishing dots, waving, cracking, blistering, hickies,</p>	<p>1.5 hours lecture + 1 hour workshop</p>
<p>Monday , June 1</p> <p>1:00 pm—3:00 pm 3:00 pm—3:30 pm Refreshment Break</p>	<p>Predicting and testing print quality</p>	<p>Laboratory methods, printing trials, layouts, analyzing,...</p>	<p>1.5 hour</p>
<p>Monday , June 1</p> <p>3:30 pm—3:45 pm</p>	<p>Principal of gravure printing</p>	<p>Knowledge in image formation, ink transfer, setting, solidification and drying in gravure printing</p>	<p>45 min</p>
<p>Monday , June 1</p> <p>3:45 pm—4:30 pm</p>	<p>Principal of flexo printing</p>	<p>Knowledge in image formation, ink transfer, setting, solidification and drying in flexo printing.</p>	<p>45 min</p>
<p>Monday , June 1</p> <p>4:30 pm—5:15 pm 5:15 pm—7:00 pm Pub and Poster Session in Exhibit Hall including student poster judging for Coating</p>	<p>Finishing</p>	<p>Knowledge in trimming, cutting, folding, stitching, binding principles/ mailroom operations</p>	<p>45 min</p>

Schedule of Activities

(continued)

<p>Tuesday, June 2, 2009</p> <p>Digital Printing Tutorial Open to all Attendees 7:00-8:00 am Hot Topics Breakfast Coating and graphic Arts 8:00—10:15 am Course 10:15—10:45 am Break</p>	<p>Principal of digital printing - Electro photographic - Ink jet</p>	<p>Knowledge in image formation in different digital printing methods.</p>	<p>45 min X 3</p>
<p>Tuesday, June 2, 2009</p> <p>Digital Printing Tutorial Open to all Attendees 10:45—Noon Course Noon Lunch in the Exhibit Hall Course Over</p>	<p>Future of print media</p>	<p>Trends and forecast.</p>	<p>45 min + discussion</p>