2012 TAPPI Tissue Properties & Manufacture Course Schedule

Wednesday, August 15, 2012		
8:00 - 8:30	Velcome, Introductions, Course Objectives, Questionnaire results Overview of Tissue Manufacturing	
8:30 - 10:00	 Fissue Properties Softness, Absorbancy, Strengthy, Fundamentals affecting properties 	
10:00 - 10:15	• Structure of Tissue: bulk, fiber orientation, formation, multi-lay Break	er
10:15 - 11:15	Effect of Pulp & Fiber Properties on Tissue Properties Recycled pulps	
11:15-12:00	Stock Preparation Refining for Tissue	
12:00 - 12:45	Lunch	
12:45 – 2:45	Chemical Additives used in Tissue Debonders, softeners, Wet end chemistry Yankee coatings 	
2:45 - 3:00	Break	
3:00 - 5:15	 Approach System and Headbox Operations Headbox designs, Multi-Layering, Dilution headboxes Generation of microturbulence Slice geometry, Profile control 	
<u>Thursday, Au</u> 7:30 – 8:00	<u>gust 16, 2012</u> Review and Q&A	
8:00 - 9:30	Wet End Operations Twin wire gap forming/fourdrinier Jet/wire velocity, MD/CD orientation Microturbulence & Formation 	
9:30 - 10:00	 Forming ratios Pressing Operations Fundamentals & mechanisms Wet press felts 	
10:00 - 10:30	Break & networking	
10:30 - 11:00	Through Air Drying (TAD) • Fundamentals of operation & variables	
11:00 - 1:30	 Yankee Dryer & Hot Air Hood Operations Equipment overview, pressure roll, condensate removal, air cap Sheet adhesion to shell; Effects of drying on tissue properties 	I
12:15 - 1:00	Lunch	
1:30 - 2:30	Creping Mechanisms & variables Effects on tissue properties 	
2:30 - 3:00	Calendering	
3:00 - 3:30	Purpose and operations Break	
3:30 - 4:45	Converting	
4:45 - 5:00	• Multiply, embossing Course evaluation & wrap up	