

Introduction to Spunbond and Meltblown Technology

COURSE AGENDA

Tuesday – Friday, February 5-8, 2019

The Nonwovens Institute (NWI), NC State University
1020 Main Campus Drive
Raleigh, NC 27606

Tuesday, February 5

8:00 am	Registration	
8:30 am	Introduction to NWI and Nonwoven Markets	Dave Nelson, NWI
9:15 am	Polymer Primer	TBD, NWI
10:00 am	Fiber Formation	TBD, NWI
10:45 am	Polymer Characterization	Wendy Krause, NCSU
12:15 pm	Lunch	
1:00 pm	Spunbond vs. Meltblown Polymer Requirements	Bryan Haynes, KCC
2:30 pm	The Meltblowing Process	Bryan Haynes, KCC
3:45 pm	The Spunbond Process	Bryan Haynes, KCC
6:30 pm	Group Dinner (TBD)	

Wednesday, February 6

8:30 am	The Meltblown Products and Markets	Pierre Grondin
10:00 am	The Spunbond Products and Markets	Pierre Grondin
11:30 am	Tour Staple and Microscopy Labs	Dave Nelson, NWI
12:00 pm	Lunch	
1:00 pm	Polymer Extrusion and Filtration	TBD, NWI
1:45 pm	Pack Design and Cleaning	TBD, NWI
2:30 pm	Bonding Technologies	Behnam Pourdeyhimi, NWI
4:00 pm	Bicomponent Fibers	Behnam Pourdeyhimi, NWI



Thursday, February 7

8:30 am	Composites and Coforms	Dave Nelson, NWI
9:00 am	Meltblown Laboratory Plan	Dave Nelson, NWI
9:15 am	Meltblown Laboratory	Angelo Corino, NWI
11:30 am	Review and Write-up	Dave Nelson, NWI
12:00 pm	Lunch	
1:00 pm	Spunbond and Bonding Laboratory Plan	Dave Nelson, NWI
1:15 pm	Spunbond and Bonding Laboratory	Angelo Corino, NWI
4:30 pm	Review and Write-up	Dave Nelson, NWI

Friday, February 8

8:30 am	Winding and Slitting	TBD, NWI
9:30 am	Web Uniformity and Inspection	Eunyoung Shim, NWI
10:30 am	Product Evaluation and Testing	Amy Minton, NWI
11:15 am	Tour Characterization Labs	Amy Minton, NWI
11:45 am	Evaluation and Discussion	All