



## Fiber and Filament Extrusion Fundamentals Agenda

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

### Tuesday, Day 1

8:30 am	Registration	
9:00 am	Introductions & Class Objectives	Dave Nelson, NWI
9:30 am	Introduction to Polymers	Saad Khan, NCSU
10:45 am	Break	
11:00 am	Rheological Properties	Saad Khan, NCSU
12:00 pm	Lunch	
1:00 pm	Polymer Characterization	Abhay Joijode, Berry Global
2:15 pm	Break	
2:30 pm	Fiber Characterization	Abhay Joijode, Berry Global
3:30 pm	Break	
3:45 pm	Fiber Formation & Property Development	Behnam Pourdeyhimi, NWI
6:00 pm	Group Dinner	

### Wednesday, Day 2

8:00 am	Breakfast	
8:30 am	Spinning and Processing Operations of Staple Fiber Production	Carl Wust, FiberVisions
10:00 am	Break	
10:15 am	Fiber Finish	Carl Wust, FiberVisions
10:45 am	The Spunbond & Meltblown Process	Behnam Pourdeyhimi, NWI
12:00 pm	Lunch	
1:00 pm	Fiber Extrusion Lab	NWI Staff
4:30 pm	Lab Review	



**Thursday, Day 3**

8:00 am	Breakfast	
8:30 am	I - Multicomponent Fibers II - Microfibers III - Island in the Sea Fiber	Behnam Pourdeyhimi, NWI
10:00 am		
10:15 am	Fiber Testing and Analytical Lab Tour	Amy Minton, NWI
11:30 am	Wrap-up	NWI Staff
12:00 pm	Lunch	