

## Fiber and Filament Extrusion Fundamentals Agenda

The Nonwovens Institute (NWI), NC State University  
1010 Main Campus Drive  
Raleigh, NC 27606

### Tuesday, Day 1

8:30 am	Registration
9:00 am	Introductions and Course Objectives
9:30 am	Introduction to Polymers
10:30 am	Coffee Break
10:45 pm	Rheological Properties of Polymers
12:00 pm	Networking Lunch
1:00 pm	Rheological Properties of Polymer Blends
2:00 pm	Basics of Compounding
3:00 pm	Coffee Break
3:45 pm	Polymer Properties, Thermal Characteristics, etc.
4:15 pm	Fiber Classification
5:30 pm	Networking Reception

### Wednesday, Day 2

8:00 am	Networking and Light Breakfast
9:30 am	Fiber Formation and Property Development
10:00 am	Coffee Break
10:30 am	Multicomponent Fibers, Microfibers, etc.
11:15 am	Fiber Finish
11:45 am	Networking Lunch
1:00 pm	Staple Fiber Production
2:00 pm	The Spunbond Process
3:00 pm	The Meltblown Process
3:30 pm	Coffee Break
4:00 pm	Fiber Mechanical Properties
5:00 pm	Lab Review

### Thursday, Day 3

8:00 am	Networking and Light Breakfast
8:30 am	Fiber Science Lab
12:00 pm	Networking Lunch
1:00 pm	Fiber Testing and Analytical Lab
2:30 pm	Wrap-Up and Q&A