



## FIBER AND FILAMENT EXTRUSION FUNDAMENTALS



*Get a hands-on approach to increase your knowledge!*



This advanced 2.5-day course is designed for professionals with an engineering or materials science degree, or a minimum of one year's experience with engineered fabrics.

It provides a comprehensive understanding of fiber and filament extrusion product and processes, including raw material selection, polymer characterization, fiber and fibrous assemblies, fiber to fabric transitions, testing and characterization. Attendees will gain valuable insights into the importance of fiber and filaments as a basic feed stock for advancing nonwoven fabrics processes and products. Attendees will also benefit from hands-on learning with experiments in The Nonwovens Institute's state-of-the-art fiber science laboratory.

### 2.5 DAYS

INDA/NWI Members: \$1,395  
Non-members: \$1,795

### WHEN

May 8-10, 2018

### WHERE

**NC State University  
The Nonwovens Institute**  
1020 Main Campus Drive  
Raleigh, NC 27606

### REGISTER NOW!

Space is limited to 40 people.

Multiple registrants from the same company receive a discount.

**GAIN A FULL TECHNICAL DIVE INTO THE CRITICAL ROLE FIBER AND FILAMENT EXTRUSION PROCESSES PLAY IN CREATING ENGINEERED MATERIALS.**



### TOPICS COVERED INCLUDE:

- Introduction to Polymers
- Rheological Properties
- Polymer Characterization
- Fiber Extrusion
- Fiber and Fibrous Assemblies
- Fiber to Fabric Transitions
- Crimping and Cutting
- Testing and Characterization

### THIS COURSE IS DESIGNED

**FOR** nonwovens professionals who are seeking technical knowledge of fiber and filament extrusion technology including those with:

- R&D
- Manufacturing
- Product Development
- Production
- Plant Engineering
- Technical Sales and Marketing
- Process Engineering