



## FABRIC PROPERTY DEVELOPMENT AND CHARACTERIZATION

*How are certain nonwoven properties achieved and measured? Take this course and find out!*

Developed by experts at The Nonwovens Institute, this course provides an in-depth understanding of how the most important nonwoven fabric properties are achieved and how they are measured. Properties such as tensile, basis weight, compressibility, softness, fiber orientation, distribution and diameter, moisture and vapor transmission, and flammability are considered. Learn how nonwoven fabric properties are developed, measured and controlled.

### INSTRUCTORS

- Pierre D. Grondin**, Product Development Director, The Nonwovens Institute (NWI)
- Benoit Maze, Ph.D.**, Director of Education and Administration, The Nonwovens Institute
- Amy Minton**, Physical Testing Lab Manager, The Nonwovens Institute (NWI)
- David Nelson**, Director of Industry Engagement, The Nonwovens Institute (NWI), 3M, (retired)
- Behnam Pourdeyhimi, Ph.D.**, William A. Klopman Distinguished Professor of Textile Materials and Associate Dean for Industry Research and Extension, North Carolina State University, and Executive Director, The Nonwovens Institute (NWI)
- Jining Xie, Ph.D.**, Mid-Atlantic and Southeast Account Manager, Nanoscience Instruments, Inc.

### 3 DAYS

INDA/NWI Members: \$1,795  
Non-members: \$2,295

### WHEN

December 6-9, 2022

### WHERE

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

Multiple registrants from the same company receive a discount.

### TOPICS COVERED INCLUDE:

- Nonwoven testing and test methods
- Microscopy and imaging
- Aerosol filtration evaluation
- Liquid filtration evaluation

### THIS COURSE IS DESIGNED FOR

professionals seeking an advanced knowledge of nonwoven fabric properties and measurement involved with:

- R&D
- Manufacturing
- Product development
- Production management
- Maintenance and plant engineering
- Technical sales and marketing
- Process engineers
- Quality control

**A COMPREHENSIVE  
REVIEW OF THE  
SPECIFIC PROPERTIES  
OF NONWOVENS, AND  
HOW TO ACHIEVE AND  
MEASURE THEM.**