

# ELEMENTARY NONWOVENS TRAINING COURSE

INDA Headquarters, Cary, NC

June 23-24, 2015 | September 29-30, 2015 | January 20-21, 2016

## GAIN THE EDGE IN NONWOVENS: LEARN THE BASICS IN NONWOVEN MANUFACTURING AND PROCESS KNOWLEDGE.

**INDA's Elementary Nonwovens Training Course** is designed for professionals who are new to nonwovens. Led by an industry and nonwoven expert, the Elementary Nonwovens Training Course uses personal instruction, visual aids, industry samples, and plant production videos to teach the essentials.

Attendees learn how to recognize, identify, and appreciate the diversity of nonwovens and use the nomenclature with confidence. The course includes fiber identification, production methods, nonwoven attributes and differences, the value of finishes, world trends, and outlooks.

Gain the versatile and flexible business training to improve:

- Engineered fabrics knowledge
- Career opportunities
- Organizational development
- Industry connections

You'll leave this class ready to:

- **Identify** the four steps in making nonwovens
- **Use** the nonwovens industry terminology with confidence
- **Understand** the different kinds of nonwovens
- **Know** when to use a wet vs. drylaid or other process
- **Appreciate** the reverse engineering of a nonwoven product
- **Expand** your career and nonwovens business options
- **Network** with like-minded industry professionals

## OVERVIEW

Designed for professionals new to the nonwovens industry including:

- Finance and accounting
- Administrative
- Business development
- Executives
- Division management
- Human resources
- Legal
- Marketing and sales
- Purchase and supply chain

Manufacturing Processes and Techniques Include:

- Airlaid
- Carding
- Chemically bonded
- Meltblown
- Needlepunch
- Spunbonded
- Spunlaced
- Thermal bonded
- Wetlaid

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## INSTRUCTOR:

**Dr. James E. Loftus**, INDA, Director of Education and Technical Affairs. Dr. Loftus has over 26 years of materials experience, the last 22 of which have been in building materials with Owens Corning. He has an excellent knowledge of a wide variety of chemical and physical test methods. During his tenure at Owens Corning, Jim was closely involved with the product stewardship process bringing his materials expertise to bear on product and process issues. He holds a BS, MS, and PhD in Polymer Science and Engineering from Penn State University. Jim currently holds 16 US patents and has numerous patent applications.

*"I would definitely recommend this course for anyone who wants an overview or refresher on nonwovens. I can see it benefiting everyone on different points of the supply chain."*

- Kelly O'Byrne  
Program Assistant, Strategic Initiatives  
Cotton Incorporated

*"Great course! The content was clear and the instructor was definitely a nonwovens expert. I would highly recommend this course to someone new to nonwovens."*

- Nick Milanovich  
Technical Marketing Director  
Weyerhaeuser

*"This training session was very useful to understand the different methods to manufacture nonwoven materials. It covered all aspects which I was looking for."*

- Charles Poston  
Market Manager Textiles  
Kluber Lubrication

**1.5-days**

**INDA Members: \$1,225 | Non-members: \$1,745**

Multiple registrants from the same company receive a discount.

A comprehensive guide of instruction and reference material is provided to each attendee.