

Filter Media Course



DATE:

OCT 26–27, 2026



LOCATION:

MINNEAPOLIS, MN

Instructors:

**Benoit Maze,
Ph.D.**

Director of
Education and
Administration

The Nonwovens
Institute

**Behnam
Pourdeyhimi,
Ph.D.**

Executive
Director Emeritus

The Nonwovens
Institute

**Hooman Tafreshi,
Ph.D.**

Associate Director
of Research

The Nonwovens
Institute

COURSE AGENDA

Day 1	Monday, October 26 <i>(Central Standard Time)</i>
9:00 am	Introduction & Objectives
9:30 am	Filtration Market & Market Intelligence
11:30 am	Structure of Nonwovens & Why It Matters
12:15 am	Non-Uniformity & Defects
1:00 pm	Lunch
2:00 pm	Modes of Air & Aerosol Filtration
2:45 pm	Media, Performance for Air & Aerosol Filtration
3:30 pm	Break
4:00 pm	Overview of Nonwoven Manufacturing Process Technologies & Materials

Day 2 **Tuesday, October 27** *(Central Standard Time)*

9:00 am	Product Evaluation & Testing – Air
9:45 am	HVAC – Product Evaluation & Testing: ASHRAE & ISO
10:30 am	Liquid Filtration Principles & Evaluation I
11:15 am	Break
11:45 am	Liquid Filtration Principles & Evaluation II
1:00 pm	Lunch
2:00 pm	Pleating
3:15 pm	Charging Process, Charge Additives & Measurement
4:15 pm	Break
4:45 pm	Membrane Microfiltration
5:30 pm	Wrap-Up & Q&A