

Filter Media

Training Course

Agenda

Objective:

Develop an overall understanding of nonwovens and their applications in both air and liquid filtration, technologies, unmet needs, and trends for future development. Notably, this course will cover developments in charging options for filter media (corona, hydro, tribo).

Course will focus on:

- Air Filtration
- Liquid Filtration
- Emerging Technologies in Filtration

MONDAY, APRIL 28

<u>Time</u>	<u>Topic</u>
8:00 am	Introduction & Objectives
8:30 am	Filtration Market & Market Intelligence
10:30 am	Structure of Nonwovens & Why It Matters
11:15 am	Non-uniformity & Defects
12:00 pm	Lunch
1:00 pm	Modes of Air & Aerosol Filtration
1:45 pm	Media, Performance for Air & Aerosol Filtration
2:30 pm	Coffee Break
3:00 pm	Overview of Nonwoven Manufacturing Process Technologies & Materials

TUESDAY, APRIL 29

<u>Time</u>	<u>Topic</u>
8:00 am	Product Evaluation & Testing – Air
8:45 am	HVAC – Product Evaluation & Testing: ASHRAE & ISO
9:30 am	Liquid Filtration Principles & Evaluation I
10:15 am	Coffee Break
10:45 am	Liquid Filtration Principles & Evaluation II
12:00 pm	Lunch
1:00 pm	Pleating
2:15 pm	Charging Process, Charge Additives, & Measurement
3:15 pm	Coffee Break
3:45 pm	Membrane Microfiltration
4:30 pm	Wrap-up & Q&A