Virtual Intermediate Nonwovens Training Course
Instructor, Ed Thomas
Head of Research and Product Development, First Quality, Fiberweb, (retired)

VIRTUAL COURSE AGENDA

Day 1  Tuesday

10:00 am  Welcome

10:15 am  Module 1: Program Overview
Introduction to nonwoven markets, product applications and processes

10:47 am  Module 1: Q & A

11:02 am  Module 2: Major Nonwoven Markets

11:33 am  Module 2: Q & A

11:48 am  Module 3: Manufacturing Technologies – A Primer
Definitions of nonwovens, short history of the technical evolution of the industry. Description of basic nonwoven manufacturing principles and systems.

12:22 pm  Module 3: Q & A

12:37 pm  BREAK

2:37 pm  Module 4: Fiber Fundamentals
Generic types and characteristics, property comparisons, raw material-fabric property relationships.

3:51 pm  Module 4: Q & A

4:06 pm  Concludes for the day
Day 2    Wednesday

10:00 am  Module 5: Web Forming – Drylaid Carded and Long Fiber Airlaid
Analysis of carding and staple fiber airlaid systems. Review of background, process technologies and recent developments

10:36 am  Module 5: Q & A

10:51 am  Module 6: Web Forming – Short Fiber Airlaid and Wetlaid

11:29 am  Module 6: Q & A

11:44 am  BREAK

1:44 pm  Module 7: Web Forming – Polymer Laid: Spunbond
Basic principles associated with spunbond and meltblown nonwovens and the polymers used in their production.

2:25 pm  Module 7: Q & A

2:40 pm  Module 8: Web Forming – Polymer Laid: 1Meltblown, Spunmelt
Basic principles associated with spunbond and meltblown nonwovens and the polymers used in their production.

3:14 pm  Module 8: Q & A

3:29 pm  Module 9: Web Bonding I– Mechanical: Stitchbond, Needlepunch, Hydroentangling
Mechanical bonding principles and systems.

4:07 pm  Module 9: Q & A

4:22 pm  Concludes for the day
Day 3  Thursday

10:00 am  Module 9: Web Bonding II– Thermal and Chemical
Chemical and thermal bonding principles and systems.

10:52 am  Module 9: Q & A

11:07 am  Module 10: Module 10: Nonwoven Fabric Finishing & Converting
Principles, processes, and methods used to treat nonwoven fabrics to obtain enhanced physical and aesthetic properties for specific end-use.

11:39 am  Module 10: Q & A

11:54 am  BREAK

1:54 pm  Module 11: Nonwoven Fabric Test Methods and Nonwovens Trends

2:11 pm  Module 11: Q & A

Brad Kalil – INDA

3:11 pm  Module 12: Q & A

3:26 pm  Module 13: Special topics, Dave Rousse – INDA
- Nonwovens Industry Response to COVID-19 Pandemic

3:46 pm  Module 13: Q & A

4:15 pm  General Q & A

4:30 pm  Concludes for the day