Keep abreast of developments in the manufacture, conversion and applications of nonwovens. The Nonwovens Learning Cycle™, organised in collaboration with CETI, offers an integrated approach to nonwovens from the basics, via intermediate, to advanced courses in Meltblown, Spunlaid, Carding.
ONLINE INTERMEDIATE TRAINING COURSE

WHO SHOULD ATTEND

If you are asking yourself questions such as:
- What is the difference between spunlaid and spunlace?
- Is drylaid the same as carding?
- Where can I get a simple and clear explanation of the various technologies?
- Which materials can be used to manufacture sustainable nonwovens?

then you should consider taking this extensive webinar.

This course offers:
- a unique overview of all aspects of nonwovens, technologies, raw materials and applications
- an online platform to meet and network with fellow professionals in the nonwovens industries
- a right balance between theory and practical exercises

The sessions are designed to strengthen the understanding and the technical knowledge of any professional of the nonwovens industry involved with producers, suppliers, converters and retailers.

The course language is English.

For any questions please contact
Anaëlle Schütz

T + 32 2 740 18 11
E anaelle.schutz@edana.org

WEBINAR

Each course comprises 4 sessions of 2,5 hours each

DAY & TIME

4 consecutive mornings from 10.00 to 12.30 CET
A replay of the course will be available for registered participants

DATES 2022

<table>
<thead>
<tr>
<th>COURSE</th>
<th>SESSION 1</th>
<th>15 February</th>
<th>16 May</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SESSION 2</td>
<td>16 February</td>
<td>17 May</td>
</tr>
<tr>
<td></td>
<td>SESSION 3</td>
<td>17 February</td>
<td>18 May</td>
</tr>
<tr>
<td></td>
<td>SESSION 4</td>
<td>18 February</td>
<td>19 May</td>
</tr>
</tbody>
</table>

REGISTRATION FEES

EDANA members: 1150€ excl.VAT/pers
Non-members: 1450€ excl.VAT/pers

PROGRAMME

This course is based on the same content as that of the physical Intermediate Nonwovens course and is made for participants who would not be able to travel to Brussels. Participants to the online training course will have the opportunity to visit CETI’s facilities at a later date when the sanitary crisis will have abated.

SESSION 1  INTRODUCTION
- Welcome
- Round of introductions
- Nonwoven definitions
- Nonwoven applications
- Fibre basics
- Fibre opening
- Carding

SESSION 2  WEBFORMATION
- Carding
- Short fibre airlaid
- Wetlaid
- Long fibre airlaid
- Spunlaid
- Meltblown
- Submicron spinning

SESSION 3  WEBCONSOLIDATION
- Chemical bonding
- Calendering
- Through air
- Ultrasonic
- Hydroentanglement
- Needlepunching
- Stitchbond

SESSION 4  THE NONWOVEN WORLD
- Common technology combinations
- Tests & Standards
- Raw material trends
- Market overview in data

TUTORS

Marines Lagemaat is the Scientific and Technical Affairs Director for EDANA.
He is responsible for managing the internal and external activities related to scientific and technical affairs in order to support the nonwoven industry, in all its applications.
Marines manages various training and education programmes designed to provide technical and application-oriented support.

Olivier Guichon holds a Master’s degree in Material Sciences and started his career as R&D Project Manager & Process Engineer at Rieter/Andritz Perfojet in France.
Olivier now works as Consultant Nonwoven Process Expert at RH Solutions, supervising the start-up of new spunbond and spunlace lines and bringing his support for production worldwide.

THIS PROGRAMME IS SUBJECT TO ALTERATIONS