



Bern University
of Applied Sciences

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Architecture, Wood and Civil Engineering
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CAS Wood-Based Panels, Module 2 Adhesives and Emissions

NEW: mandatory e-learning
course for preparation of the
intensive training week in Biel

E-learning course from 15 December 2017
Intensive training week 29 January – 2 February 2018
Bern University of Applied Sciences
Biel, Switzerland

In cooperation with:



► Continuing education

CAS Wood-Based Panels, Module 2

Adhesives and Emissions

The module focuses closely on the issue of formaldehyde and VOC emissions from wood-based materials. This module will be enriched with two new learning methods. The first one is an e-learning approach and the second one is a problem based case study.

Target Audience

The programme is geared to the needs of professionals from the wood panels industry and related sectors such as executive staff, wood and material technologists as well as research staff.

CAS Wood-Based Panels

This module is part of the programme CAS Wood-Based Panels: ahb.bfh.ch/wbp

Admission Requirements

- Bachelor's degree or higher
 - Basic knowledge on wood-based panel production
- Please contact us, if you are interested in the course, but do not meet these requirements.

Head of Course

Dr. Frédéric Pichelin, Professor of adhesive technology, Bern University of Applied Sciences
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Place of Training Week

Bern University of Applied Sciences Architecture, Wood and Civil Engineering
Solithurnstrasse 102, 2504 Biel 6, Switzerland

Course Fees

CHF 2700.–
Course fees include: e-learning module, lectures, seminar materials, laboratory exercises, field trip, lunch and refreshments during the event. Other costs, such as travel expenses, accomodation and dinners must be borne by the participants.

Information and Registration

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Telephone +41 32 344 03 30, E-Mail wb.ahb@bfh.ch
Online registration: ahb.bfh.ch/wbp, Registration deadline: 11 December 2017

Programme 15/12 2017 – 2/2 2018

From 15 December 2017 – 29 January 2018

To ensure that all participants have the same foreknowledge at the start of the course in January, e-learning lectures will be provided in December prior the course start in Biel. The e-learning course is discussed on the first day in Biel and any questions are clarified.

Monday, 29 January 2018

Introduction to the course
Repetition and discussion e-lectures (Dr. Frédéric Pichelin, Dr. Ingo Mayer, BFH)
Case Study: Problem scenario (Dr. Frédéric Pichelin, Dr. Ingo Mayer, BFH)
Case Study: Self directed learning
Campus tour and dinner organized by BFH

Tuesday, 30 January 2018

Influence of process parameters on VOC emissions (Dr. Martin Ohlmeyer, Universität Hamburg)
Case Study: Self directed learning / discussion with experts
Industry cases, individual questions of participants
Adhesives testing (Dr. Frédéric Pichelin, Dr. Sauro Bianchi, Michail Kyriazopoulus, BFH)

Wednesday, 31 January 2018

Influence of process parameters on formaldehyde emissions (Stephan Weinkötz, BASF)
Case Study: Self directed learning / discussion with experts
Industry cases, individual questions of participants
Emissions testing (Dr. Ingo Mayer, Christina Hinterleitner, Marco Paroni BFH)
Leisure activities organized by BFH

Thursday, 1 February 2018

Field trip to adhesive and wood panel companies.

Friday, 2 February 2018

Case Study: Self directed learning
Case Study: Presentation, discussion and feedback
Final discussion
Diploma award and apéritif

The official programme is complemented by accompanying social events – get-together, sports, farewell dinner – in the evening.