

MBAA Brewery Packaging Technology Course

April 26–May 7, 2015 • Madison, Wisconsin

Tentative as of 4/21/2015

Sunday, April 26

All Day

6:15 p.m.

7:00 p.m.

Students pick up course information packets when checking in at the front desk

Reception—Welcome Gathering for Students and Faculty

Lowell Center Main Floor Reception Area

Dinner and Orientation—Lowell Center Dining Hall (Casual Attire)

MBAA Technical Director, & Lyn Fleming, Lowell Center, Jon Roll, UW Madison

Monday, April 27

8:00 – 8:30 a.m.

8:30 a.m. – 10:30 a.m.

10:45 a.m. – 12:00 p.m.

12:00 – 1:00 p.m.

1:00 – 2:15 p.m.

2:30 – 4:30 p.m.

4:30 – 5:00 p.m.

Classes at the Pyle Center, Room 335

Class Introduction, Case Study Team Assignments

MBAA Technical Director

Glass Bottle Manufacturing and Quality Control

David Wendt, Owens-Illinois Glass (confirmed)

PET Bottles for Beer Packaging

Frank Embs, Indorama Ventures (confirmed)

Lunch at the Pyle Center

Two-Piece Aluminum Can and End Manufacturing

Bill Forsythe, Canning Technology, Inc. (confirmed)

Can Double-Seam Technology

Bill Forsythe, Canning Technology, Inc.

Container Discussion Panel

Tuesday, April 28

8:00 a.m. – 12:00 p.m.

12:00 – 1:00 p.m.

1:00 – 2:30 p.m.

2:45 – 3:45 p.m.

4:00 – 5:15 p.m.

Classes at the Pyle Center, Room 335

Beer Filling Technology

Randy Dillman, KHS, USA (confirmed)

Lunch at the Pyle Center

Small Canning Lines

Jamie Gordon, Cask Brewing Systems (confirmed)

Can Seam Quality Control Methods

Kevin Grimley, CMC-Kuhnke, Inc. (confirmed)

Bottle Crown Manufacturing and Crowning Operations

Juan Carlos Gomez, Fabricas (Mexico) (confirmed)

Wednesday, April 29

8:00 – 10:00 a.m.

10:15 a.m. – 12:00 p.m.

12:00 – 1:00 p.m.

1:00 – 3:30 p.m.

3:45 – 5:00 p.m.

Classes at the Pyle Center, Room 335

Single-Valve Keg Packaging

Andy Brewer, Petainer Manufacturing USA (confirmed)

Bottle Labels

Mark Glendenning, Inland Label (confirmed)

Lunch at the Pyle Center

Labeling Operations and Troubleshooting

Frank Kaczmariski, Kronos, Inc. (confirmed)

Package Inspection in the Brewing Industry

Jeff DeVoy, Heuft, USA (confirmed)

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Thursday, April 30

7:45 a.m.
7:45 a.m. - 9:30 a.m.
9:45 – 12:00 p.m.
12:00 p.m. – 12:25 p.m.
12:30 – 1:15 p.m.
1:15 – 1:45 p.m.
1:45 – 4:00 p.m.
4:00 – 5:00 p.m.
5:15 – 6:45 p.m.

Field Trip

Bus Departs from the Lowell Center for Fort Atkinson
Bus Trip to Fort Atkinson for a Tour of the Ball Corporation Can Plant
Tour of the Ball Corporation Can Plant
Bus to MillerCoors Brewery
Lunch at MillerCoors Corporate Cafeteria
Free Time in MillerCoors Tour Center and Gift Shop
Tour of the MillerCoors Milwaukee Brewery Packaging Center
Refreshments and Q&A Discussion at the Miller Inn
Return Trip to the Lowell Center

Friday, May 1

8:00 a.m. – 12:00 p.m.

12:00 – 1:00 p.m.
1:00 – 5:00 p.m.

Classes at the Pyle Center, Room 335

General Principles for Packaging Line Design and Control
Robert Nantel, Gebo Cermex Canada Inc. (confirmed)
Lunch at the Pyle Center
Package Department Maintenance Best Practices
Greg Harris & William Vega, MillerCoors (confirmed)

Saturday, May 2

9:00 a.m. – 12:00 p.m.

2:00 p.m.

Class at the Pyle Center, Room 335

Packaging Microbiology
William Maca, HWM Yeast Solutions LLC (confirmed)
No Lunch Provided
Tour of the UW Pilot Brewery (optional)
Jon Roll, UW Madison (confirmed)

Sunday, May 3

Free Day! No Scheduled Activities

Monday, May 4

8:00 – 10:30 a.m.

10:45 – 12:00 p.m.

12:00 – 1:00 p.m.
1:00 – 5:00 p.m.

Classes at the Pyle Center, Room 335

Bottle Washing, Tunnel Pasteurization/Pasteurizer Maintenance
David Duff, Barry-Wehmiller, (confirmed) & Ross McKenzie (confirmed)
Microfiltration of Beer
Conor O'Hara, 3M (confirmed)
Lunch at the Pyle Center
Principles of Packaging Department Cleaning and Water Treatment
Bob Beranek, Ecolab, WI (confirmed)

Tuesday, May 5

8:00 – 9:45 a.m.

10:00 a.m. – 12:00 p.m.

12:00 – 1:00 p.m.
1:00 – 3:00 p.m.

3:00 – 3:15 p.m.
3:15 – 4:15 p.m.
4:30 – 6:00 p.m.

Classes at the Pyle Center, Room 335

Overview of Multipack Paperboard Production and Multipackaging Machinery
Graham Hand, Graphic Packaging International (confirmed)
Uncasers and Drop Packer Machinery
Tony Elrod & Doug O'Brien, Hartness International (confirmed)
Lunch at the Pyle Center
Modern Package Coding Technology
Brian Burke, Videojet Technologies, Inc. (confirmed)
Load on the Bus at the Pyle Center
Bus Trip to the New Glarus Brewery in New Glarus, Wisconsin
Tour of the New Glarus Brewery
Hosted by Diploma Master Brewer Dan Carey

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6:15 – 7:15 p.m.

Dinner at the New Glarus Hotel

7:15 – 8:15 p.m.

Return Trip to the Lowell Center

Wednesday, May 6

8:00 – 10:00 a.m.

Classes at the Pyle Center, Room 335

Conveyors—Types, Uses, Maintenance, and Troubleshooting

Chuck McGrady, Rexnord

10:15 – 12:00 p.m.

Maintaining Product Quality and Uniformity

Gary Nicholas, Surly Brewing Co. (confirmed)

12:00 – 1:00 p.m.

Lunch at the Pyle Center & Class Photo!

1:00 – 5:00 p.m.

Student Team Presentations to the Class

Team 1, Team 2, Team 3, Team 4, Team 5, Team 6

Packaging Case Study Review Panel

Panel members: Jim Helmke (Yuengling), Scott Noll (New Glarus Brewing Co), Fred Singler (Annheuser-Busch), Mark Sammartino (moderator)

6:30 – 7:00 p.m.

Reception—Beer Room, Lowell Center, Room 118

7:00 p.m.

Dinner—AT&T Lounge at Pyle Center (Informal Attire)

Closing Remarks and Awarding of Certificates

Thursday, May 7

8:00 – 9:00 a.m.

Classes at the Pyle Center, Room 335

Palletizing Operations

Fred Singler, Consultant

9:15 a.m. – 12:00 p.m.

Packaging Department Operations

Andy Pickerell, Yuengling Brewery (confirmed)

12:00 – 1:00 p.m.

Lunch at the Pyle Center

1:00 – 2:30 p.m.

Food Safety and HACCP

Gary Jansen, CP Kelco

2:30 – 2:45 p.m.

UPS Service at the Pyle Center

2:45 – 5:00 p.m.

Beer Flavor Training and Effects of Packaging Materials on Beer Flavor

Roy Desrochers, GEI Consultants, Inc.

Friday, May 8

6:30 – 9:00 a.m.

Breakfast and Check Out by 11:00 a.m.

(Note: The Lowell Center Will Store Your Luggage If You Need to Check Out Early)

9:00– 11:00 a.m.

IBD General Certificate (Packaging) Exam—Pyle Center, Room TBA