



UNITED WE BREW

2023 Packaging Technology Course

Feb 25 – April 21, 2023

Course Director: Tom Eplett

All times are shown in Central Standard Time (CST)

Virtual

Student Orientation (Friday, Feb. 24, 1:00 - 2:00 pm CST)

Week 1 (Feb 25- March 3)

Independent Learning:

- Brewery Packaging Safety – *Mark Jaeggi, Sabhailteacht Solutions*
- Food Safety in Packaging Operations—*Gary Nicholas, SanTan Brewing Co.*
- Packaging Line Design – *Joe Trombley, Design Group Facility Solutions*

Live Zoom Discussion: Friday, March 3 (1:00 -4:00 CST), Happy Hour (Optional, 4:00- 4:30)

Week 2 (March 4 - 10)

Independent Learning:

- Glass Bottles – *Emilio Dominguez, Crown Formosa*
- Can & End Manufacturing – *Tom Eplett*
- Palletizing and Depalletizing Operations – *Daniel LoRusso, BW Integrated Systems*
- Single Valve Kegs – *John Graber, Micro Matic USA*

Live Zoom Discussion: Friday, March 10 (1:00 -4:00 pm CST), Happy Hour (Optional, 4:00- 4:30)

Week 3 (March 11 – 17)

Independent Learning:

- Microfiltration of Beer – *Conor O'Hara*
- Beer Filling Technology – *Dan Voce, Matt Brewing Co., Tom Eplett*
- Labeling Operations – *Tom Hungrige, Paramelt*
- Sleeved and Labeled Cans – *Andy Staib, DWS Printing Associates*

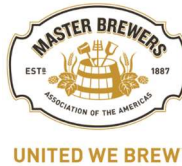
Live Zoom Discussion: Friday, March 17 (1:00 -4:00 CST), Happy Hour (Optional, 4:00- 4:30)

Week 4 (March 18 - 24)

Independent Learning:

- Small Scale Packaging Systems – *Rich Michaels*
- Packing and Unpacking – *Stephen Kaye, BW Integrated Systems*
- Bottle Labels – *Mark Glendenning, Inland Packaging*
- Conveyors – *Joe Pajkos & Jack Juraska, Rexnord Industries*

Live Zoom Discussion: Friday, March 24 (1:00 -4:00 pm CST), Happy Hour (Optional, 4:00- 4:30)



Week 5 (March 25 - 31)

Independent Learning:

- Pasteurization & Pasteurizer Maintenance – *Dave Duff, BW Integrated Systems*
- Data Management – *Pulkit Agrawal, Beer30 by The 5th Ingredient*
- Package Inspection – *Jeff DeVoy, Heuft USA*
- Modern Coding Technology – *Brian Burke, Videojet Technologies*

Live Zoom Discussion: Friday, March 31 (1:00 -4:00 pm CST), Happy Hour (Optional, 4:00- 4:30)

Week 6 (April 1 - 7)

Independent Learning:

- Principles of Cleaning & Sanitation – *Jim Diamantis & Barry Owings, Zee Company*
- Quality Management Systems – *Gary Nicholas, SanTan Brewing Company*
- Packaging Quality Assurance – *Tim Lozen, Bell's Brewery*
- Packaging Department Maintenance Best Practices – *Greg Harris & Mike Sanchez*

Live Zoom Discussion: Friday, April 7 (1:00 -4:00 pm CST), Happy Hour (Optional, 4:00- 4:30)

In-Person at The University of St. Thomas, Minneapolis, MN

Sunday, April 16

- Hotel Check-in
- Opening Banquet

Monday, April 17

- Safety – *Mark Jaeggi, Sabhailteacht Solutions*
- Food Safety – *Gary Nicholas, SanTan Brewing Company*
- Project introduction
- Tour: Ecolab

Tuesday, April 18

- Packaging Quality – *Tim Lozen, Bell's Brewery*
- Labeling—*Mark Glendenning, Inland Label*
- Conveyors—*Jack Juraska & Joe Pajkos*

Wednesday, April 19

- Sanitation—*Jim Diamantis, Zee Loeffler*
- Packaging Line Design— *Joe Trombley, Design Group Facility Solutions*
- Beer Flavor Training— *Roy Desrochers, University of Vermont*

Thursday, April 20

- Keg Line Optimization—*Chris Nimptsch, Profamo Inc.*
- Kegs and Keg Valve Maintenance—*Jon Graber, Micro Matic*
- InkJet Coding — *Maurice Westerhouse, High-Mark Systems*

Friday, April 21

- Personal Project presentations
- Tour: Fair State Brewing
- Closing Banquet

Saturday, April 22

- Check Out