



UNITED WE BREW

2024 Brewery Maintenance Systems Course

Course Director: Katrina Bruner, AB InBev

June 6 - July 25, 2024

All times below are in Central Daylight Time

Virtual

Orientation

May 29, 1:00 – 2:00 pm CT

Week 1: June 7-13

Independent Learning:

- Brewery Safety – *Mark Jaeggi, Sabhailteacht Solutions, LLC*
- Project Management, Design Modifications & Bid Review – *Pat Buchana*
- Predictive Maintenance – *Matthew Meyer, Allied Reliability*

Live Zoom Discussion: Thursday, June 13, 1:00 - 4:00 Central Time

- Virtual Happy Hour, 4:00- 5:00 (Optional)

Week 2: June 14-20

Independent Learning:

- Preventative Maintenance & Maintenance Software – *Chris Hyberger, New Glarus*
- Valves – *Charley Phipps, Pentair*
- Compressed Air – *John Molnar, Rogers Machinery*

Live Zoom Discussion: Thursday, June 20, 1:00 - 4:00 pm Central Time

- Virtual Happy Hour, 4:00- 5:00 (Optional)

Week 3: June 21-27

Independent Learning:

- Stainless Steel & Welding – *John Palmer, Palmer Brewing Solutions, Inc.*
- Stainless Steel Passivation – *Oliver Meinhold, Zee Loeffler*
- Glycol Systems – *Dan Stromberg, GF Piping Systems*

Live Zoom Discussion: Thursday, June 27, 1:00 - 4:00 Central Time

- Virtual Happy Hour, 4:00- 5:00 (Optional)

Off week: June 28- July 4



UNITED WE BREW

2024 Brewery Maintenance Systems Course

Course Director: Katrina Bruner, AB InBev

June 6 - July 25, 2024

All times below are in Central Daylight Time

Week 4: July 5- July 11

Independent Learning:

- Steam – *Joe Singerling, Fulton Steam*
- Supply water basics – *Rick Brundage & Jack Bland, ChemTreat, Inc.*
- Plate and Frame Heat Exchangers – *TBD*

Live Zoom Discussion: Thursday, July 11, 1:00 - 4:00 pm Central Time

- Virtual Happy Hour, 4:00- 5:00 (Optional)

Week 5: July 12 – July 18

Independent Learning:

- Sanitary Pumps – *Randy Verges, Fristam Pumps USA*
- Sanitation & Clean in Place – *Oliver Meinhold, Zee Loeffler*
- Wastewater – *Jeff Van Voorhis, Symbiont, A Mead & Hunt Company*

Live Zoom Discussion: Thursday, July 18, 1:00 - 4:00 pm Central Time

- Virtual Happy Hour, 4:00- 5:00 (Optional)

Week 6: July 19- July 25

Independent Learning:

- Instrumentation – *Andrew Klosinski, Highland Brewing Co.*
- PID Controllers – *Bob Rice, Control Station Inc.*
- Brewery Automation – *Rick Brundage & Jack Bland, ChemTreat, Inc.*

Live Zoom Discussion: Thursday, July 25, 1:00 -4:00 pm CT

- Virtual Happy Hour, 4:00- 5:00 (Optional)

Off Week: July 28- August 4

- Catch-Up on Late Work
- Capstone Project Work Time



UNITED WE BREW

2024 Brewery Maintenance Systems Course

Course Director: Katrina Bruner, AB InBev

June 6 - July 25, 2024

All times below are in Central Daylight Time

In-person at the University of St. Thomas, Minneapolis, MN

Sunday, August 4

- Hotel Check-in (4:00 pm or later)
- Opening Banquet (6:00 pm)

Monday, August 5

- Safety – *Mark Jaeggi, Sabhailteacht Solutions, LLC*
- Can Seamer Training & Maintenance – *David Garab, Preferred Seamer Service*

Tuesday, August 6

- Brewery Maintenance Systems – *Chris Hyberger, New Glarus Brewing Co.*
- Lubrication – *TBD*
- Buhler Tour, Demonstrations, & Hands-On Practice – *Mill Rollpack Refurbishment Service Center*

Wednesday, August 7

- Rahr Malting Facility Tour, Demonstrations & Hands-On Practice
 - Yeast Centrifuge Overhaul – *Chris Morgan, Alfa Laval*
 - Filtration Systems Maintenance – *Donaldson Filtration Solutions*
 - Rahr Malting Facility Tour

Thursday, August 8

- 3D Printing of Spare Parts – *TBD*
- Valves – Demonstrations & Hands-On Practice – *Charlie Phipps, Pentair*
- Pumps – Demonstrations & Hands-On Practice – *Randy Verges & Zach Suardini, Fristam Pumps*

Friday, August 9

- Capstone Project Presentations
- Manufacturing Tour and Earthly Labs CO2 Recovery Systems Seminar – *Chart Industries*
- Closing Banquet (6:00 pm)