

McGinnis Institute of Beet Sugar Technology

Sugar End – 2023 First Week Schedule

Monday, July 10

Hilton Garden Inn, Fort Collins, Colorado

8:00 Set up classroom

4:30 pm – 6:00 pm = Student Check-In

Tuesday, July 11

8:00 Orientation by Bill Gough
8:45 SX-1 Opening Lecture by Campbell Shuford
10:00 Break
10:15 S-1 Evaporators and Steam Economy
by Scott Hyer
11:00 Break
11:15 S-1 Evaporators and Steam Economy
by Scott Hyer
Noon Lunch
1:00 S-1 Evaporators and Steam Economy
by Scott Hyer
2:30 Break
2:45 S-1 Evaporators and Steam Economy
by Scott Hyer
4:30 Break
4:45 Future Factory Project
5:00 End

Wednesday, July 12

8:00 S-1 Exam and Discussion
9:00 Break
9:15 S-2 Crystal Formation and Growth
by Kevin Romzek
10:30 Break
10:45 S-2 Crystal Formation and Growth
by Kevin Romzek
Noon Lunch
1:00 S-2 Crystal Formation and Growth
by Kevin Romzek
2:15 Break
2:45 S-2 Crystal Formation and Growth
by Kevin Romzek
3:45 Break
4:00 Future Factory Project
4:15 End

Thursday, July 13

8:00 S-2 Exam and Discussion
9:00 Break
9:15 S-3 Crystallization, Process and Systems
by Chris Rhoten
10:30 Break
10:45 S-3 Crystallization, Process and Systems
by Chris Rhoten
Noon Lunch
1:00 S-3 Crystallization, Process and Systems
by Chris Rhoten
2:15 Break
2:30 S-3 Crystallization, Process and Systems
by Chris Rhoten
4:00 Break
4:15 Future Factory Project
4:30 End

Friday, July 14

8:00 S-3 Exam and Discussion
9:00 Break
9:15 S-4 Centrifugals and Their Operations
by Ray Bode
10:30 Break
10:45 S-4 Centrifugals and Their Operations
by Ray Bode
Noon Lunch
1:00 S-5 The Control Laboratory by Rich Reisig
2:30 Break
2:45 S-5 The Control Laboratory by Rich Reisig
4:00 Break
4:15 Future Factory Project
4:30 End

Saturday, July 15

No Events Scheduled

Sunday, July 16

No Events Scheduled

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Monday, July 17

8:00 S-4 Exam and Discussion
8:40 S-5 Exam and Discussion
9:15 **Break**
9:30 S-7 Basic Control Systems by Gerald Sorenson
10:45 **Break**
11:00 S-7 Basic Control Systems by Gerald Sorenson
Noon **Lunch**
1:00 S-7 Basic Control Systems by Gerald Sorenson
2:15 **Break**
2:45 S-7 Basic Control Systems by Gerald Sorenson
3:30 **Break**
4:45 **Future Factory Project**
4:00 **End**

Tuesday, July 18

8:00 S-7 Basic Control Systems by Gerald Sorenson
9:15 **Break**
9:30 S-7 Basic Control Systems by Gerald Sorenson
10:45 **Break**
11:00 S-7 Basic Control Systems by Gerald Sorenson
Noon **Lunch**
1:00 S-8 Molasses Treatment Processes by Vadim Kochergin
2:15 **Break**
2:30 S-8 Molasses Treatment Processes by Vadim Kochergin
3:45 **Break**
4:00 **Future Factory Project**
4:15 **End**

Wednesday, July 19

8:00 **S-7 Exam and Discussion**
8:45 **S-8 Exam and Discussion**
9:30 **Break**
9:45 S-6 Fundamentals of Sucrose Recovery Optim by Nick Klein
10:45 **Break**
11:00 S-6 Fundamentals of Sucrose Recovery Optim. by Nick Klein
Noon **Lunch**
1:00 S-6 Fundamentals of Sucrose Recovery Optim. by Nick Klein
2:15 **Break**
2:30 S-6 Fundamentals of Sucrose Recovery Optim. by Nick Klein
3:30 **Future Factory Project**
4:00 **End**

Thursday, July 20

8:00 S-6 Exam and Discussion
8:45 **Break**
9:00 S-9 Granulation, Packaging, Screening and Storage, by Kelly Malone
10:00 **Break**
10:15 S-9 Granulation, Packaging, Screening and Storage, by Kelly Malone
11:30 **Future Factory Project Prep/Completion**
Noon **Lunch**
1:00 S-9 Granulation, Packaging, Screening and Storage, by Kelly Malone
2:45 **Break**
3:00 **Future Factory Project - PRESENTATIONS**
4:30 **End**
6:00 **Graduation Dinner**

Friday, July 21

7:00 S-9 Exam and Discussion
7:45 **Break**
8:00 S-10 Sugar Quality and Food Safety by Kelly Malone
9:30 **Break**
9:45 S-10 Sugar Quality and Food Safety by Kelly Malone
11:00 **End of 2023 Sugar End Session**
Clean up and pack up class materials