



Ice Cream Makers Short Course

December 3-5, 2019 Babcock Hall

Course and Materials

Sessions focus on experiential approach to teaching an applied knowledge of ice cream manufacturing. Participants are expected to actively participate in all of the lab sessions. A binder of course lectures and materials will be distributed on the first day of the course.

Accommodations (Tentative)

Lodging and meals (except lunches and breaks) are not included in fee. Registrants are responsible for their own lodging. We have reserved a block of rooms at local hotels as noted below.

CONCOURSE

\$154 SINGLE, \$164 DOUBLE PLUS TAX PER NIGHT

CUT OFF DATE: NOVEMBER 2, 2019

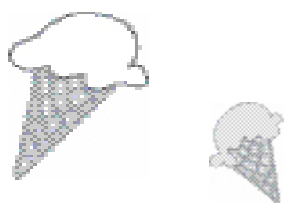
GROUP CODE: ICE CREAM MAKER

DOUBLETREE

\$139 SINGLE OR DOUBLE PLUS TAX PER NIGHT

CUT OFF DATE: NOVEMBER 22, 2019

GROUP CODE: ICM



Registration Information

Fee: \$1,100 Deadline: November 15, 2019

Please register early - this course will fill up. Fees include cost of instructional materials, manufacturing expenses, lunches and breaks. Applicants may cancel up to thirty days before the short course, but are assessed a \$300 fee. Cancellations received later than thirty days prior to the course are subject to the entire registration fee. Substitutions may be made at any time. Contact CALS Conference Services at 608-263-1672 or email conference@cals.wisc.edu with any questions.

Enrollment

Enrollment is limited to enable applied lab exercises; registration priority is based on postmark date of your enrollment form. Preregistration is required. Persons who enroll after the course is filled will be placed on a priority mailing list for the next program.

Mail check/money order/credit card info (payable to UW-Madison) with Registration Form. Registration fees must be paid before the start of class.

What to Bring

You must wear suitable clothes for sessions in the dairy plant, e.g. pants, t-shirt. Dairy whites will be provided, if needed. Labcoats are also provided. Shoes must be suitable for processing environments and provide adequate wet surface traction; no open toe footwear. Rubber boots, suitable for long hours of working in plant, are preferred.

Please advise us at time of registration if you have a disability and desire special accommodations. Requests will be kept confidential. Course begins in rm 205, Babcock Hall, University of Wisconsin-Madison (see <http://map.wisc.edu/>).

University of Wisconsin-Madison

College of Agricultural and Life Sciences

CALS Conference Services

640 Babcock Drive

Madison, WI 53706

University of Wisconsin-Madison provides equal opportunity for admission and employment

Ice Cream Makers

Short Course

December 3-5, 2019

Babcock Hall



First in Dairy Foods
Education Since 1890



Sponsored by:

University of Wisconsin-Madison
Department of Food Science



Ice Cream Makers Short Course

Tuesday

8:00 Check-in (refreshments)

8:15 Orientation/overviews

8:30 Production trends/statistics
-Rankin

9:00 Manufacturing overview/plant tour
-Klein

10:00 Production session planning
-Klein

10:15 Mix ingredients-dairy
-Bradley

11:00 Mix ingredients-non-dairy
-Rankin

12:00 Lunch (provided)

12:45 Inclusions, variagates
-Spors

1:45 Mix processing
-Bradley

2:30 Freezing process
-Rankin

3:30 Cleaning and sanitizing
-Rankin

4:30 Lab review/adjourn
-Rankin

Wednesday

8:00 Lab-Mix processing-calculations, weighing, blending, processing, cleaning
-Klein and staff

10:00 Lab-Quality control and testing-micro, composition, sampling, overrun/melt
-Whyte

12:00 Lunch (provided)

12:30 Physical, chemical, microbial hazards
-Rankin

1:00 Lowfat, low carb, frozen yogurt, soft serve, custard
-Rankin

1:45 Sherbets, sorbet, ice
-Bradley

2:30 Sensory Evaluation - lecture and lab
-Bradley

4:00 Mix standardization
-Rankin

4:30 Adjourn

Thursday

8:00 Lab-Mix freezing-recipe, ingredients, set-up, packaging, inclusions, variagates, cleaning, freezing, double churn
-Klein and staff

10:00 Lab-Quality control II, batch freezers, soft serve
-Staff

12:00 Lunch (provided)

12:45 Final product evaluation
-Staff

1:30 Wrap-up and adjourn



Instructors

Robert Bradley, Professor Emeritus
Dept. of Food Science, UW-Madison

Casey Whyte
UW Dairy Plant, UW-Madison

Daryl Spors, Product Manager
Kelley Supply, Inc, Abbotsford, WI

Scott Rankin, Professor
Dept. of Food Science, UW-Madison

For Further Information

Enrollment: (608) 263-1672 (phone)
(608) 262-5088 (fax)
CALC Conference Services
640 Babcock Drive
Madison, WI 53706

Program: (608) 263-2008
Dr. Scott Rankin,
Dept. of Food Science
UW-Madison, Rm A203B
Babcock Hall
1605 Linden Drive
Madison, WI 53706
sarankin@wisc.edu
dairyfoods.wisc.edu

Enrollment Form

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December 3-5, 2019

Submit Enrollment Form for each registrant.
Use separate forms or copies for additional registrants.

Or register online at dairyfoods.wisc.edu

Print clearly or type.

Name: _____

Company: _____

Mailing Address: (Check one): Home Business

Address: _____
Street; Route & Box Number

City/State/Zip: _____

Daytime telephone: (____) _____

Email: _____

Fee: \$1,100

Enclosed Fee: Checks payable to UW-Madison

Please charge to the following account:

MC Visa AMEX DISC Exp. date: _____

Credit Card Number: _____

Name on Credit Card: _____

Signature: _____

Mail/FAX to:

CALS Conference Services
640 Babcock Drive
Madison, WI 53706 FAX (608)
Or register online at dairyfoods.wisc.edu



Department of Food Science
University of Wisconsin-Madison