

# RECIRCULATING AQUACULTURE SYSTEMS

Instructors: Melissa Malmstedt and Scarlett Tudor



REGISTER



Aug 14-18 10:00am-4:00pm

\$150 - Bring your own lunch



## WORKSHOP DESCRIPTION

Participants will be introduced to recirculating aquaculture system (RAS) concepts throughout this course. This will be an in-person, immersive laboratory session from August 14 - 18.

This course is available to anyone with a high school degree and will provide participants with a basic working knowledge of recirculating aquaculture system design, maintenance, and management. A University of Maine System micro-credential that is aligned with the Maine Aquaculture Association's occupational standards for RAS Aquaculture Technicians will be available upon successful course completion.

## WORKSHOP OBJECTIVES

1. To gain a foundational understanding of recirculating aquaculture system design, maintenance, and management.
2. To gain hands-on experience working with aquatic organisms in RAS.
3. To gain hands-on experience working with industry-scale RAS equipment.
4. To build a connection to Maine's RAS industry.

## Workshop Overview

Day 1: UMO- Water quality analysis, sampling and automation in RAS  
Day 2: CCAR- Introduction to RAS, tours of the United States Department of Agriculture's National Cold Water Marine Aquaculture Center and CCAR  
Day 3: CCAR- Managing aquatic organisms in RAS  
Day 4: CCAR- Maintenance of industry scale RAS equipment  
Day 5: CCAR- Industry connections  
*Transportation from Orono will be provided*

CONTACT US  
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LOCATION: UMaine Center for Cooperative Aquaculture Research, Franklin, ME  
Lafayette and Rawcliffe 4-H Science and Engineering Learning Center, Orono, ME  
UMaine Extension Diagnostic & Research Laboratory, Orono, ME



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SMS 491

1 Credit

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