

Aquaculture Systems Workshop *Recirculating Aquaculture Systems (RAS)*

Recirculating aquaculture is a technology for seafood farming that reuses water in the production. This method uses mechanical and biological filtration as well as sterilization to clean water making it suitable for living organisms. This team-taught workshop examines land based systems and their design including topics such as biofiltration, mechanical filtration, gas exchange and water quality. The class will also look at issues of energy use and sustainability. A one-hour lecture is followed by a four-hour experiential lab. Participants will participate in a variety of activities that will demonstrate the various functions and components of recirculating aquaculture systems. This hands on course will equip students with the basic knowledge needed to work in a RAS facility, hatchery or aquarium.

The Center for Cooperative Aquaculture Research (CCAR) is a land-based aquaculture research and development facility and business incubator. CCAR is staffed by University of Maine professionals with extensive background in aquaculture production, hatchery rearing and facilities management.

When: 9:00 am - 2:00 pm on 11 Saturdays from January 25th through April 25th, 2020

Where: CCAR is located at 33 Salmon Farm Rd, Franklin, ME 04634

Costs: \$750 for non-degree students

For more information contact: Scarlett Tudor: mary.tudor@maine.edu or 207-581-4397

