



UNDERWATER ROBOTICS & ENGINEERING DESIGN

November 8, 2025 | Florida Institute of Oceanography | USF St. Petersburg Campus



ABOUT THE WORKSHOP

This workshop is designed to engage both new and experienced educators with underwater robotics. Those diving in for the first time will learn the basics needed for incorporating ROV curriculum into the classroom. Experienced educators and/or previous MATE ROV Academy attendees will have the opportunity to advance their ROV teaching skills. The workshop will connect participants with like-minded educators and facilitators of all experience levels to increase student engagement with underwater technology.

ABOUT THE ORGANIZERS

The MATE ROV Competition is a **pillar program of the Marine Technology Society (MTS)** that uses remotely operated vehicles (aka underwater robotics) to inspire and challenge students to learn and creatively apply science, technology, engineering, and math (STEM) to solve real-world problems and strengthen their critical thinking, collaboration, entrepreneurship, and innovation.

WHO SHOULD APPLY

Educators who have had introductory exposure to ROV activities or have a background teaching science, technology, engineering, or math. Previous MATE ROV Academy participants are also encouraged to attend. Activities presented in this workshop are appropriate for students in grades 5-12 or equivalent, as well as first-year community college or university students who are new to underwater robotics and engineering design.

The goal is to provide participants with the knowledge, skills, and experiences that will enable them to implement ROV activities in the classroom.

REGISTRATION COST

This workshop is sponsored by the MATE ROV Competition and is fully funded by the Motorola Solutions Foundation. If you are interested in attending, submit an application by scanning the QR code below.

Limited spots REGISTER NOW!

- Free FIO Vessel Tours
- Coffee & Lunch provided
- ROV building supplies FCFS



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