

VideoRay's Mission Specialist Advanced Maintenance Course is designed for technician-level personnel to be able to diagnose, disassemble, repair, and reassemble Mission Specialist ROV systems. The course also includes Greensea IQ control software instruction, troubleshooting, and an overview of accessories integration and maintenance. Prior experience with operating/maintaining Mission Specialist systems and basic comprehension of mechanical systems is not a course pre-requisite but is highly recommended.

The Advanced Maintenance Course is three days of in-person classroom instruction and can be delivered at either of our Pottstown, PA or San Diego, CA headquarters. The following topics and practical exercises are incorporated:

- > Customer Success and Support
- > Mission Specialist Systems
- > Mission Specialist Modules
- > Mission Specialist Accessories
- > Maintenance Tools Required
- > Mission Specialist Frame Construction
- > Disassembly & Reassembly
- > Modular Construction - Conceptual Discussion
- > Console Connections Overview
- > System Connections / Diagrams
- > Folders and File Management
- > Module Replacement
- > Module Details and Programming
- > Camera Dome Replacement
- > Ubuntu User Overview
- > Greensea IQ UI
- > Greensea Diagnostic Modes
- > 4k Camera Web UI
- > Compass Calibration
- > VideoRay FTP Server
- > Manipulator Maintenance / Repair
- > Thruster Oil Refill
- > Connector Care
- > System Care and Cleaning
- > Function Testing
- > System Troubleshooting
- > Diagnostic Processes
- > Diagnostic Aids and Tools

It is our goal to provide our students with the knowledge and skills to become confident and competent VideoRay Mission Specialist technicians. To learn more about this and other VideoRay training courses, visit [videoray.com/training](https://videoray.com/training).