

# **Maintaining the Operation of Electrical Power Generations and Distribution Systems**

As electricity powers and controls various machinery onboard ships, from various engine-room and deck machinery to lighting, ventilation and air-conditioning systems, it is vital to learn how to maintain its supply throughout the ship for proper operability and safety. This course will train you to monitor, operate, troubleshoot, and test electrical power generators and distribution panels. Moreover, this course features generator starting, coupling, load-sharing and function testing using full-mission engine room simulators; and distribution panel operation, inspection and malfunction detection using industry-relevant switchboards.