



Electro-Hydraulics and Electro-Pneumatics for Marine Applications

This course aims to enhance the knowledge, understanding and skills of engine personnel on the operation of modern electro-hydraulic and electro-pneumatic controls onboard ships. It provides interactive lectures, hands-on demonstrations, laboratory exercises, circuit simulations, practical exercises, and assessments using industry-relevant tools and equipment.

Intended Learning Outcome/s

After the training/assessment, the participant/s shall be able to:

- Monitor electro-hydraulic and electro-pneumatic equipment;
- Operate electro-hydraulic and electro-pneumatic equipment; and
- Conduct maintenance on electro-hydraulic and electro-pneumatic equipment.

Course Prerequisite & Qualification

Engine Officers and Prospective Officers - Engine