

ROV

FAMILIARISATION FOR SUBSEA ENGINEERS AND EXECUTION TEAM

(Non IMCA)



REGISTERED MEMBER AND
APPROVED ROV TRAINING
PROVIDER BY INTERNATIONAL
MARINE CONTRACTORS
ASSOCIATION (IMCA) :



NETHERLANDS MARITIME UNIVERSITY COLLEGE (NMUC)

Level 11-14, Kotaraya Office Tower,
Galleria@Kotaraya, Jalan Abdullah Ibrahim,
80000 Johor Bahru, Johor, Malaysia.

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COURSE OVERVIEW

ROVs are widely used in the oil and gas, and marine sectors to accomplish tasks in underwater environments that are often too deep or too dangerous for human divers. ROVs are nothing without their pilots. An ROV pilot technician handles the operation, maintenance, and repair of an ROV and its system.

NMUC's ROV Pilot Technician course is a comprehensive training program designed to cultivate skillful, competent, and market-ready future ROV pilot technicians. The course is structured to blend theory with hands-on exercises, emphasizing practical training elements. It encompasses all the skills required by the industry and meets IMCA requirements.

CANDIDATE REQUIREMENTS

- This course is specifically designed for individuals working as Subsea Engineer and Execution Team in the ROV Industry.
- Candidates should possess a suitable technical background, which may include relevant qualifications and/or experience. Technical qualifications and proficiency in electronics, electrical engineering, mechanics, or hydraulics are preferred. Graduates with SKM Level 3 in the aforementioned fields are eligible to join the training.
- A strong command of both spoken and written English is essential.

ROV CORE MODULES

- UNDERWATER INDUSTRY INDUCTION
- OFFSHORE INDUSTRY SAFETY CULTURE
- ROV SPREAD TERMINOLOGY
- ROV BASIC DESIGN AND DEVELOPMENT
- ROV PERSONNEL COMPETENCY MATRIX
- ROV INSPECTION, MAINTENANCE & TROUBLESHOOTING
- ROV SPREAD MANAGEMENT SYSTEM & TECHNICAL AUDIT
- ROV DIVE PLAN & PILOTING
- ROV PROJECT INTERGRATION & PROJECT CASE
- ROV INSPECTION REPAIR & MAINTENANCE
- ROV PRE MOBILIZATION PREPARATION
- ROV MOBILIZATION & DEMOBILIZATION
- ROV OFFSHORE OPERATION - LAUNCH & RECOVERY
- ROV PILOTING & MISSION PLANNING
- HIGH VOLTAGE POWER DISTRIBUTION FOR ROV
- FIBRE OPTICS FOR ROV PERSONNEL
- ROV SIMULATOR FOR ROV PILOT TECHNICIAN
- TROUBLESHOOTING FOR ROV PERSONNEL

COURSE OUTCOMES

- Recognize the key elements of Remotely Operated Vehicles and manage underwater ROV operations.
- Integrate and deploy Remotely Operated Vehicles while implementing the LEAN Concept in the offshore work ecosystem.
- Seamlessly work with online collaboration platforms and tools.
- Plan, execute, inspect, and improve the provision of offshore ROV operations.

FEE & DURATION


Five days (5) of classroom-based theoretical, practical, and simulator training, excluding high-voltage fiber optics.

Fee: RM 12,000 / USD 2,510

Optional :

- ROV Fiber Optic Technician
- High Voltage Awareness & Safety
- Bosiet with Travel Safety by boat
- First Aid with AED
- Working at Heights
- Wirelock Resin Socketing

CONTACT:

 014 9230508

 fasihah.manhard@nmuc.edu.my