

Location: Taaeen/ ADNOC

Date: April 2025

Duration: 3 Days

Fee: English

Course Title: Oil Spill Aerial Surveillance

Learning Objectives:

- Master aerial observation techniques for oil spill detection.
- Interpret data from surveillance tools for operational planning.
- Integrate surveillance insights into response efforts.

Target Audience:

- Environmental monitoring specialists
- Maritime safety officers
- Aerial surveillance operators

Daily Course Outline:

Day 1: Principles of Aerial Surveillance & Oil Spill Detection

- Fundamentals of oil spill detection from the air
- Remote sensing and imaging techniques
- Identifying oil slick characteristics

Day 2: Data Interpretation, Mapping & Response Coordination

- Mapping and tracking oil spills
- Integrating aerial surveillance with response teams
- Legal and regulatory considerations

Day 3: Advanced Technologies, Practical Training & Certification

- UAVs (drones) and satellite monitoring
- Real-time data analysis and decision-making
- Live aerial surveillance exercise and final assessment

