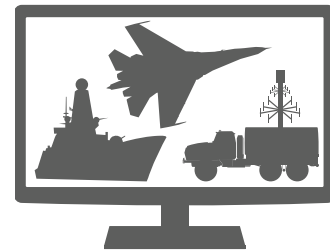


# Advanced Electromagnetic Warfare (EW) Managers' Course



## Who should attend?

**Military and Civilian Radar and EW practitioners from both Operational and Engineering backgrounds. Programme & Project Managers, Systems Engineers and Technical Staff.**

## Key Organisations

**Ministry of Defence**

**HQ Joint, Army, Navy and Air Force EW operators/Analysts**

**All Government agencies, industries and organisations interested in operational and technical aspects of EW.**

## Introduction

This course is designed to inform and introduce delegates to the key principles of EW Management. The course will be delivered with a blend of theory and practical syndicate-based scenarios. Using the theory-based knowledge and practical lesson delegates will increase their understanding of the EW Management principles within a joint environment and an all source approach to EW in modern warfare.

## What you will learn:

### EW Collection Management

- CCIRM Process
- Command and Control
- ISTAR Capabilities
- Intelligence Cycle

### EW in Joint Operations

- EW in Land, Sea & Air Domains
- ES, EA and EP
- EW Threats (inc The Drone Threat)
- EW Command Control
- EW Mutual Support
- EW Operational Support
- Overview of and ISTAR Organisation

### EW Analysis

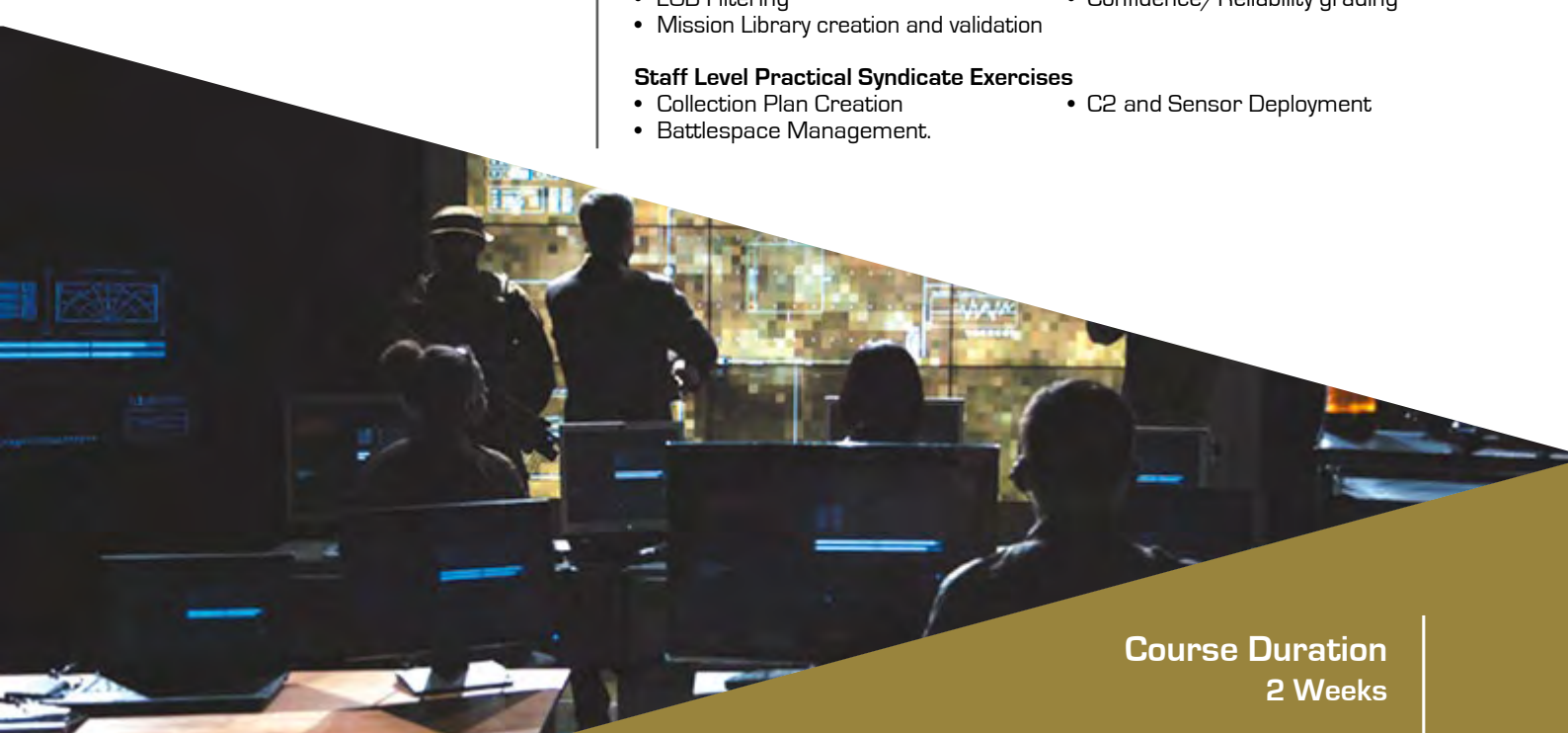
- Information & Intelligence Analysis
- Definition of information and Intelligence
- Objective Analysis
- Reasoning, interpretation and decision making
- Intelligence as a Force Multiplier
- Intelligence Exploitation & Analysis Techniques
  - Pattern Analysis
  - Statistical Analysis
  - Data Mining Techniques
- Introduction to OSINT Analysis

### Data Management and Data Fusion

- Principles of Database Management
  - Basic Relational Database Structure
  - Validation
  - Security
- EOB Filtering
- Mission Library creation and validation
- Post Mission Analysis
- Intelligence Sources
- Correlation and Fusion Techniques
- All source Analysis
- Confidence/Reliability grading

### Staff Level Practical Syndicate Exercises

- Collection Plan Creation
- Battlespace Management.
- C2 and Sensor Deployment



**Course Duration**  
2 Weeks

**Location**  
Mercury EW Ltd – Training Facility