

**Reference No**

054/041

Duration

2 weeks

Location

Maritime
Warfare
School, HMS
COLLINGWOOD

IELTS

6.5

Frequency

One course
per year

NATO MARITIME ADVANCED EW

AIM OF COURSE

To provide middle rank NATO officers and senior ratings with a sound understanding of maritime electronic warfare principles and applications, and an introduction to Joint EW methods.

OUTLINE SYLLABUS

- ◆ EW Principles
 - Advanced radar theory
 - Electro-optics theory
 - ESM equipment technology
 - Missile seeker guidance technology
 - Stealth
 - Directed Energy Weapons
- ◆ EW in NATO
- ◆ EW in Maritime Operations
 - Force Anti-Ship Missile Defence
 - EW responsibilities of OTC/EWC
- ◆ Joint EW Operations
 - Responsibilities of EWCC
- ◆ EW in Air Operations (Maritime Air)
- ◆ EW in Land (Army) operations
- ◆ NATO Information ops
- ◆ COMSEC

VISITS (NOT ALL MAY BE AVAILABLE DURING COURSE)

- ◆ Thales Radar Defence Systems (Ship & Air Equipment)
- ◆ Blandford Army Camp – EW/C2W School
- ◆ Chemring Countermeasurers (Softkill discussion and production tour)
- ◆ NATO Maritime Component HQ Northwood
- ◆ Cobham (Air support to Maritime Training and Readiness)

ENTRY STANDARDS

- ◆ Middle ranking operational officers and senior ratings who already have a good knowledge and experience of EW