



**Reference No**  
054/044

**Duration**  
2 weeks

**Location**  
Maritime  
Warfare  
School, HMS  
COLLINGWOOD,  
Fareham

**IELTS**  
6.5

**Frequency**  
2 courses  
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
- ◆ EW in NATO
  - NATO Emitter Database
  - NATO Joint EW Core Staff (JEWCS)
- ◆ EW in Maritime Operations
  - Anti-Ship Missile Defence
  - EMCON
  - EW Responsibilities of OTC/EWC
- ◆ Joint EW Operations
  - Responsibilities of EWCC
- ◆ EW in Air Operations (Maritime Air & Air Force)
  - Stealth
  - EW Applications in Suppression of Enemy Air Defence (SEAD)
  - UAVs
- ◆ EW in Land (Army) Operations
- ◆ NATO Information Ops
- ◆ COMSEC
- ◆ Military Applications of Space & Ocean Surveillance Systems
- ◆ Directed Energy Weapons

### Visits (Not all may be available during course)

- ◆ Thales Radar Defence Systems (Ship & Air E Equipment)
- ◆ NATO Multi-Service EW Support Group (MEWSG)
- ◆ Blandford Army Camp - EW/C2W School
- ◆ Chemring Countermeasures (Softkill discussion and production tour)
- ◆ NATO Maritime Component HQ Northwood

### Entry standards

- ◆ Middle ranking operational Officers and Senior Ratings who already have a good knowledge and experience of EW



International Defence Training (Royal Navy)

IDT1A Tel: +44 (0) 23 9254 8153

IDT1B Tel: +44 (0) 23 9254 8480

idtroyalnavy@btconnect.com www.mod.uk/idtroyalnavy