

**Reference No**

011/017

Duration

19 weeks

Location

HMS DRAKE

IELTS

6.5

Frequency2-3 courses
per year

METEOROLOGY

AIM OF COURSE

To train officers and senior rates (OF3 & OR) to carry out the meteorological and oceanographic duties of Hydrographic and Meteorological staff. The training includes seagoing rotary and fixed wing aviation forecasting, and tactical exploration of atmosphere and oceanographic information.

OUTLINE SYLLABUS

The course consists of meteorological and oceanographic theory and forecasting procedures for military operations with an emphasis on aviation meteorology and oceanography, including a phase of practical watch keeping in both disciplines. This phase also includes sea, swell and surf forecasting, radio and radar meteorology, ballistic meteorology, SAR/oil slick forecasting and NBC warfare forecasting. A Global Meteorological module is also included, covering Tropical, Arabian Gulf, Mediterranean and South Atlantic meteorology.

ENTRY STANDARDS

- ◆ HM (METOC) course is an intense and rewarding in depth meteorological and oceanographic forecasting course. The entry requirement is set at graduates who hold a BSc in a science subject (or exceptionally another topic)
- ◆ The array of complex terminology used demands a significant competence at both written and spoken English

EXAMINATIONS/QUALIFICATIONS GAINED

- ◆ The assessment comprises; two meteorological exams, an assessed climate brief, plus continuous assessment during meteorological watch keeping
- ◆ Successful completion of the assessment may award Plymouth University module credits towards BSc or PG Cert qualifications and Royal Meteorological Society accredited course route to become a Chartered Meteorologist and also register for Institute of Marine Engineers, Scientists and Technicians (IMarEst) accredited course qualification