

**Reference No**

054/027

Duration

14 weeks

Location

Maritime
Warfare
School, HMS
COLLINGWOOD

IETLS

6.5

Frequency

One course
per year

INTERNATIONAL LONG NAVIGATION COURSE (ILNC)

AIM OF COURSE

To qualify officers as navigation specialists prior to appointment to ocean-going vessels of frigate size and above and to act as a Navigation Instructor or Staff Navigation Officer

OUTLINE SYLLABUS

- ◆ Passage planning
- ◆ Visual Pilotage
- ◆ Blind Pilotage and Radar
- ◆ Ship handling
- ◆ Meteorology
- ◆ Relative Velocity
- ◆ Navigation aids, GPS/Echo sounders/Logs/Gyros/Sextants (HSA/VSA and Lattice)
- ◆ International Regulations for the Prevention of Collisions at Sea
- ◆ Practical instruction and assessment in a full mission Bridge Simulator conducting visual and blind pilotage by day and night
- ◆ Practical instruction and assessment in a Royal Navy warship (FF/DD/OPV) conducting visual and blind pilotage by day and night working closely with the ships Commanding Officer, Navigator, Officer of the Watch and Bridge Team
- ◆ Warship Electronic Chart Display & Information System (WECDIS)
- ◆ Tides and Time
- ◆ Chartwork
- ◆ Bridge Resource Management
- ◆ Magnetism and Compass Theory
- ◆ Naval Gunfire Support
- ◆ Astro Navigation
- ◆ International Maritime Law
- ◆ CASEX and Submarine Safety
- ◆ Helicopter Operations
- ◆ Communications and Fleetwork (Theory and Practical Naval Manoeuvring)

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ENTRY STANDARDS

- ◆ Rank of Lieutenant with at least 5 years seagoing bridge experience since gaining the National equivalent of the RN's Bridge Watchkeeping Certificate; of which at least 1 year must have been spent as the Navigating Officer of a Corvette or larger vessel.
- ◆ A minimum of 2000 hours certified Bridge Watchkeeping experience
- ◆ Eyesight standards are detailed at the front of the chapter

EXAMINATIONS/QUALIFICATIONS GAINED

Continuous assessment and final examinations to RN standards with pass marks requirement as follows:

- ◆ Rule of the Road 90%
- ◆ Chart work and Fixing 70%
- ◆ Tidal Theory, Tides and Time 70%
- ◆ General Navigation & ship handling 2 parts 70%
- ◆ Astro Navigation 70%
- ◆ Sea Phase 80%