



# Essential Navigation & Seamanship

## Aim

The Essential Navigation and Seamanship course provides an introduction to the basic skills required before taking a small boat to sea or taking an active part in running a boat. The syllabus content is shown below.

## Syllabus

### Charts, publications and terms

- Basic terms
- Chart overview
- Introduction to chart datum and depths

### Buoyage

- Lateral buoys
- Cardinal buoys
- Where to find information

### Navigation

- Plotting a position
- Measuring distance and bearing
- Position fix
- Heading

### Safety

- Personal and boat safety equipment
- Safety procedures and briefing
- Communications
- Engines checks
- Rescue procedures

### Anchoring

- Where to anchor
- How to anchor

### Tides

- Tidal streams
- Tidal heights

### Electronic Navigation

- GNSS terms
- GNSS use
- Using waypoints

### Rules of the road

- Risk if collision
- Who gives way





## Weather forecasts

Sources of forecast

Terms used in forecast

## Pilotage

Harbour information

Transits

Pilotage plan

## Passage planning

SOLAS V requirements

Pre planning

Chart choice