

Essential Navigation and Seamanship (online)

Course Syllabus

1. Charts Publications and Terms

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

2. Buoyage

- Lateral buoys
- Cardinal buoys
- Where to find information

3. Navigation

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

4. Safety

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

5. Anchoring

- Where to anchor
- How to anchor

6. Tides

- Tidal streams
- Tidal heights

7. Electronic Navigation

- GNSS termsGNSS use
- Using waypoints

8. Rules of the Road

- Risk of collision
- Who gives way

9. Weather Forecasts

- Sources of forecast
- Terms used in forecast

10. Pilotage

- Harbour information
- Transits
- Pilotage plan

11. Passage Planning

- SOLAS V requirements
- Pre-planning
- Chart choice

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.

