

RYA Basic Navigation & Safety **Course Syllabus**

The Basic Navigation and Safety 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.

- 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**
 - GPS terms
 - GPS 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