



East Hill Cobh, Co. Cork Ireland – base East Ferry Marina Cobh  
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## Day/Coastal Skipper Shorebased Course

Evenings 2009–2010 [www.sailcork.com](http://www.sailcork.com)

**Evenings 1930–2215**  
**Mondays: RCYC, Crosshaven**  
**Wednesdays: East Ferry, Cobh**

Instructors: Eddie English, Con Crowley

1. 12/ 14 Oct	<b>Course Syllabus Explained</b> , Course Materials, Navigators Equipment Intro To Met : Forecasts, Highs and Lows Nautical Terms Opportunity to purchase books, charts etc SailCork shop <b>Chartwork - an introduction</b>
2. 19/ 21 Oct	<b>Met</b> - Fog, + actions, Sea breeze, Forecasts terms, <b>Seamanship</b> Sailing, mooring, anchoring + anchors <b>Chartwork</b> Charts, Symbols, Depth, Lat, Long, Plotting positions Measuring distance. Plotting insts Chart 5011 <b>Training Almanac</b> Info from Almanac + Pilot Book
3. 28 Oct Wed only Cobh	<b>Met</b> - Highs, Lows, Fronts, conditions (wind v tide) <b>Buoyage</b> Lights lighthouses + cardinal + lateral buoys Revision of fixes + position <b>Introduction to Tides</b> Causes, duration etc <b>NB Class at Cobh for both groups</b>
4. 2/4 Nov	<b>Tidal Heights:</b> Causes. Springs + Neaps. Tables. Tidal Heights Tide level table. <b>Tidal Curve.</b> <b>Interpolation</b> Rule of 1/12 . <b>NB Exercises</b> will be given each week and corrected the next week. Students must complete all exercises
5. 9/11 Nov	<b>Tidal Streams:</b> Diamonds, Tidal atlas Tides on charts Rule of twelfths <b>Compass:</b> Variation + Deviation, Compass Course, Symbols. Hand bearing + ships compass. Digital compass
6. 16/ 18 Nov	<b>Safety, Distress, Rescue:</b> Prevention of problems. Fire Safety. Distress equipment - Flares, VHF Radio What to do when rescued - liferafts <b>Plotting a fix:</b> Types of fix. Plotting positions
7. 23/ 23 Nov.	<b>Position Finding-</b> Bearing +Dist <b>Dead Reckoning</b> + Estimated Position: DR +EP Using log (for measuring distance) and compass to find DR position and then adding tidal direction and strength to find the EP.
8. 30 Nov 2 Dec	<b>Rules, Lights, Shapes, Sounds:</b> IRPCS (Rules), Lights (by night) and Shapes (by day) on vessels. Sound signals. <b>Intro - Course to Steer</b> Getting to destination

9. 7/9 Dec	<b>Course to Steer</b> ETA and Speed made good <b>Navigation Instruments</b> GPS - Log, Depth Sounder, GPS + other instruments
10. 14/ 15	<b>Electronic Navigation:</b> Chart Plotters, AIS, Using RYA disc - see tutorial in advance! Bring your laptop! Revision for General Assessment Paper
11 21 Dec Mon	<b>General Assessment Paper</b> <b>NB Class at RCYC for both groups</b> Course progress to date Intro to Pilotage
<b>Christmas Break</b>	
12 18/ 20 Jan	<b>Pilotage</b> "The art of navigating in confined waters" Transits, back bearings, clearing bearings, extra info. in guide books etc., tools used. Pilotage plans Local pilotage. Use of Google Earth etc.
13 25/ 27	<b>Passage Planning-</b> Bringing together all areas of chartwork and pilotage - the goal we aspired to at start of course!
14 1/3 Feb	<b>Passage Making</b> ( Revise All aspects Prep Revision Paper. Chartwork Revise all previous Chartwork exercises
15 8/10 Feb	<b>Chartwork Revision</b> - look at sample paper Revise Chartwork for next week <b>Tidal Height Test</b> Question on tidal height
16 15/ 17	<b>Chartwork Exam</b> Chartwork Paper: - Fix, DR+EP and CTS Get info pack and Complete Questionnaire on course
17 22 Feb	Course review <b>Chartwork Exam analysis</b> The Future: - where from here? <b>Practical qualifications</b> <b>NB Class at RCYC for both groups</b>
18 26 Feb	Friday 26th Marlogue Inn at East Ferry Marina Cobh- Seasons pictures - presentation <b>Cert presentation+ Dinner</b>

**Courses afloat:** Dinghy Sailing, Cruiser Sailing, Powerboating, Instructor power + sail  
**Ashore:** Navigation, E-Nav, Meteorology, Safety at Sea, VHF Radio [www.sailcork.com](http://www.sailcork.com)