

## Royal Melbourne Sail Training Academy

### Coastal Navigation including GPS



This popular shore based **Coastal Navigation course** is conducted over a period of 6 weeknights between 7pm and 10pm by an experienced yachting senior instructor. The course is equally suitable for yachting or power boating! This course has been **Updated** to include AIS and Chartplotter topics alongside GPS usage.

#### Subjects included in the course are:

- Understanding marine charts, signs and abbreviations, tidal streams and coastal information
- Setting courses to steer (CTS), allowing for wind tides current and leeway
- Effective use of the steering and hand bearing compass, making adjustments for magnetic and compass errors.
- Methods of position plotting using compass, depth sounder, ships log, sextant
- **Global Positioning System** use and functions
- Weather reports and forecasting services available
- Lights and shapes, precautions to be taken when sailing at night.
- Buoyage and IALA systems.
- Essential rules and the Navigator's responsibility.
- AIS (Automatic Identification System) What is it and how to use it to improve your personal safety & navigation
- Chartplotter usage. How these systems differ to chart usage
- A number of practical exercises of navigation throughout the course, using chart AUS 143 (Port Philip) which is supplied to each student

**Who should do this course?** The course is open to the boating public, RMYS members & friends. A shore based navigation course is important for the crew of Coastal or Offshore boating or yachting trip and is considered mandatory for those wishing to become Skippers and extend their boating beyond protected waters. such as the bays. The course is open to the boating public, RMYS members & friends. Please note this course is limited to a maximum of 14 students

**The course fee of \$375 includes:** All course materials including extensive handouts (over 80 pages) and the use of classroom navigational tools plus a copy of navigation chart AUS 143 Port Phillip valued at \$35 for each student.

**Course times:** Evenings 7 pm to 10 pm over six weeks. For dates please refer to booking form. Students **MUST** attend at least five (5) sessions in order to obtain sign off, and also complete the test which is conducted in session 6.

**What you need to bring:** Notebook and pen. Students will be given the option of purchasing their own navigation equipment during the course.

**Course location:** Royal Melbourne Yacht Squadron, Pier Road, St.Kilda Melways Map 57 J

## Royal Melbourne Sail Training Academy

Principal Instructor: Leigh Brennan-Smith

website: [www.rmys.com.au/training](http://www.rmys.com.au/training)

Royal Melbourne Yacht Squadron    Phone: 03 9534 0059 (direct)  
Pier Road,    Fax: 03 9534 4478  
St.Kilda, Vic. 3182    Mobile: Leigh 0412 196301  
Squadron phone: 03 9534 0227    E-mail: [training@rmys.com.au](mailto:training@rmys.com.au)

