

**Laguna Woods Yacht Club
Sailing Academy**

Costal Navigation Seminar

When: Thursday, November 21, Thursday December 5, and Thursday December 12 from 9:00 am to 11:00 am

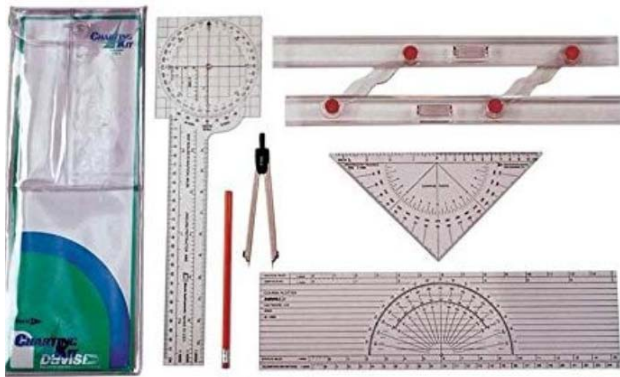
Where: Bldg. 2400, Game Room (Parking Level)

Instructors: Jim Updike and Dutch Fisser

Enrollment Requirements:

Member in good standing with LWYC

Payment of \$40 for a Charting Kit (Attendees get to keep the kit)



Maximum class size is 8

Deadline for enrollment is October 31

The purpose of the seminar is to provide attendees with an ability to read and understand nautical charts, gain an understanding of navigational concepts, and be able to plot a course.

First Session (November 21):

Introduction and overview – Jim

- Why knowing how to use a paper chart is important

Use of a compass: - Dutch

- True vs. magnetic north
- Deviation

Longitude and Latitude: - Dutch

- How it's used to plot a position
- Nautical miles vs. Statute miles

Second Session (December 5):

Nautical Charts: - Jim

- Chart features and meanings
- How to measure nautical miles from the chart

Plotting a basic course: - Dutch

- Time, speed, distance
- Course plotting
- Triangulation

Third Session (December 12):

Practical application: - Jim and Dutch

- How to use your plotting instruments
- Practice plotting an actual course using your charting instruments and chart

Use of electronic instruments: - Jim

- Chart plotters
- Setting waypoints
- Interface with auto helms