

# BOATER EDUCATION PROGRAM ANNOUNCEMENT

## Marine Navigation Class Offered

When: Saturday evening, 6:00 - 8:00pm, beginning September 12, 2020

Where: New Beginnings Community Church 730 Whiteville Rd. Shallotte, NC.

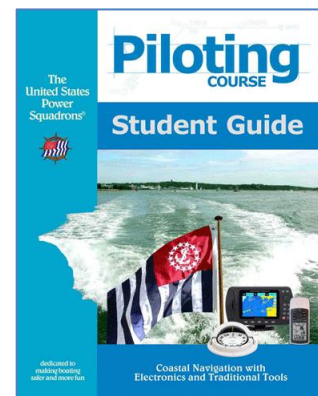
CDC virus guidelines such as social distancing, available masks, hand sanitizer, available gloves will be followed.



Marine Navigation (currently offered as Piloting) is the first course in the sequence of USPS courses on navigation, covering the basics of coastal and inland navigation. This course focuses on navigation as it is done on recreational boats today and embraces GPS as a primary navigation tool while covering enough of traditional techniques so the student will be able to find his/her way even if their GPS fails. The course includes many in-class exercises, developing the student's skills through hands-on practice and learning. Ten classes of two hours each normally are scheduled for presentation of this course. In addition, the students have seven days to complete the open book exam.

Topics covered include:

- Charts and their interpretation
- Navigation aids and how they point to safe water
- Plotting courses and determining direction and distance
- The mariner's compass and converting between True and Magnetic
- Use of GPS – typical GPS displays and information they provide, setting up waypoints and routes, staying on a GPS route.
- Pre-planning safe courses and entering them into the GPS
- Monitoring progress and determining position by both GPS and traditional techniques such as bearings and dead reckoning
- The "Seaman's Eye" – simple skills for checking that one is on course.



Students need to contact the squadron's education officer in advance so books can be ordered for you.

ROBERT MORRIS at

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910-755-3441

**COST =** The cost of the book is \$58.00, a quality divider is \$12.00, and the 4 X 15 Plotter is \$7.00 for a total of \$77.00. Family Members/Friends can share materials at no extra charge.

