

Pamlico Sail & Power Squadron based in Washington, NC

## **Marine Electrical Systems Course**

Saturdays – January 7<sup>th</sup> and 14<sup>th</sup> Date:

9:00 AM to 4:00 PM each Saturday Time:

with a lunch break

\$75-ABC Members; \$100-non-members Cost:

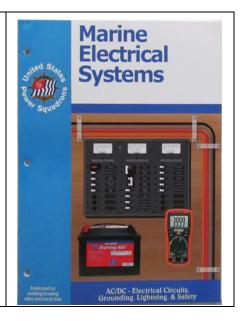
(only \$10 more for members or \$25 for non-

member couples sharing the course materials)

**Location:** 1<sup>st</sup> Presbyterian Church

211 W. 2<sup>nd</sup> Street, Washington, NC

Note: The class materials will be in an electronic format.



## **Course Description**

Don't get short circuited; learn how boat electrical systems work, how to diagnose problems, and how to do simple repairs and upgrades. Boat electrical systems are increasingly under load with power demands for electronic navigation, radar, powered windlasses and winches, interior and exterior lighting, personal electronic devices, and more. Most boats have both DC and AC power. Learn about voltage drops, current demands, wiring, and so on. This course covers the topics you need and want to know. Troubleshooting is emphasized throughout, so students should feel comfortable performing even tricky wiring tasks after passing this course.

## **Course Topics Covered**

- ✓ Boat electrical wiring practices
- ✓ Direct current (DC) power
- ✓ Alternating current (AC) power
- ✓ Glavanic and stray current corrosion
- ✓ Lightning protection
- ✓ How to use a multimeter.
- ✓ How to solder and crimp
- ✓ How to read electrical wiring diagrams

To Register: Contact our PSPS Education Officer, Cathy Karlovich at pspsed@gmail.com or

call her at 919-208-1893

Use Visa/Master Card/PayPal to register and pay. To use PayPal, copy this link into your internet address line, select this event and follow the prompts.

https://pamlicosailandpowersquadron.org/index.php/calendar/payment

Deadline for registration is December 30, 2022