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# Albemarle Sail & Power Squadron 2012 Education Plan

Update 1



## ASPS 2012 Education Plan

<u>Courses**</u>	<u>Sch. Start Date</u>	<u>Approx Class Length</u>	<u>Price</u>
Piloting	January 28 <sup>th</sup>	6-8 Wks	\$60.00
Sail	March 23 <sup>rd</sup>	8-10 Wks	\$45.00
Advanced Piloting	April 7 <sup>th</sup>	6-8 Wks	\$45.00
Seamanship	May 5 <sup>th</sup>	6-8 Wks	\$45.00
Adv. Pwr. Boat Handling	May 2 <sup>nd</sup> , 9 <sup>th</sup> & 16 <sup>th</sup>	3-Part Seminar (no exam)	\$45.00
Cruise Planning	August 4 <sup>th</sup>	8-12 Weeks*	\$35.00

All pricing reflects the costs of materials only; couples may attend for the same price as long as only one set of materials are ordered...

*\*For Cruise Planning there are no exact class dates; instructor schedules as needed*

*\*\*Instructors to plan "on the water demo" of skill learned in class*

<u>Seminars</u>	<u>Scheduled Date</u>	<u>Approx Length</u>	<u>Price</u>
<b><u>Partner's in Boating Series</u></b>			
• Squadron Boating Course	March 14 <sup>th</sup> and 21 <sup>st</sup>	8 hrs	\$30.00
• Chart Smart	March 21 <sup>st</sup> following ABC	2 hrs	\$20.00
• Partners in Command	March 28 <sup>th</sup> 10:00AM	2 hrs	\$25.00
• Emergencies on Board	March 28 <sup>th</sup> 1:00PM after lunch	2 hrs	\$25.00
Mastering the Rules of the Road	April 4 <sup>th</sup>	2 hrs	\$30.00
The Mariner's Compass	April 11 <sup>th</sup> 10:00 AM	2 hrs	\$20.00
Using GPS	April 11 <sup>th</sup> 1:00PM after lunch	2 hrs	\$20.00
Tides & Currents	April 18 <sup>th</sup>	2 hrs	\$20.00
Fuel & Boating	April 25 <sup>th</sup>	2 hrs	\$20.00
<b><u>Weather &amp; Hurricane Preparation Series</u></b>			
• Anchoring	May 2 <sup>nd</sup> 10:00 AM	2 hrs	\$20.00
• Hurricanes & Boats	May 2 <sup>nd</sup> 1:00PM after lunch	2 hrs	\$10.00
• Basic Weather Forecasting	May 9 <sup>th</sup>	2 hrs	\$25.00
Knots, Bends & Hitches	June 7 <sup>th</sup> 5:00 PM w/social	1.5 hrs	\$25.00
VHF/DSC Marine Radio***	July 11 <sup>th</sup> 10:00 AM	2 hrs	\$20.00
Using Radar***	July 11 <sup>th</sup> after Lunch	2 hrs	\$25.00
Paddle Smart	July 18 <sup>th</sup>	2 hrs	\$25.00

Pricing reflects the costs of materials only; the price for seminar attendance for those who do not want materials is only \$5.00. Couples may attend for the individual prices as long as on one set of materials are ordered.



## **Course Descriptions**

### **Piloting**

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.

### **Sail**

Sail 2009 is a complete sail course beginning with basic boat designs, rigging and sail processes for the non-sailor. The course proceeds into the physical aspects of sailing, sail applications, marlinespike, helmsmanship, and handling of more difficult sailing conditions, navigation rules, and an introduction to heavy weather sailing.

### **Seamanship**

Seamanship adds foundational information for continuing boater education. The course contents should facilitate knowledge development for increased safe operation of recreational boats and provide the basis for completion of USCG licensing examination. Emphasis within the course has been placed on higher level boating skills, rules of the road, and marlinespike.

### **Advanced Piloting**

Advanced Piloting is the second in the sequence of USPS courses on navigation. It continues to build coastal and inland navigation skill, allowing the student to take on more challenging conditions – unfamiliar waters, limited visibility, and extended cruises. GPS is embraced as a primary navigation tool while adding radar, chartplotters, and other electronic navigation tools.

### **Advanced Power Boat Handling**

The seminar shows you how your boat will behave and why in response to your controls. You'll understand what the pros have learned the hard way. This gets you there faster, and with confidence.

### **Cruise Planning**

The Cruise Planning course focuses on the planning and preparation necessary for safe enjoyable extended cruises on both inland and coastal waters.

## **Seminar Descriptions**

### **Squadron Boating Course**

This full day seminar teaches the fundamentals of safe boat handling and operation, and basic piloting in one comprehensive classroom course. This course meets state specific and National Association of State Boating Law Administrators (NASBLA) requirements for certification. And completion of the course is accepted by most insurance companies.

### **How to use a chart**

In less than 2 hours you will learn what charts show navigators above the water, chart features, chart scales, what charts show navigators below the water, aids to navigation, Latitude and Longitude, planning your course, and in your way. A waterproof guide is included.

### **Partner in Command**

In less than 2 hours you will learn preparations before proceeding, communications, first aid, safety, tool kits, signaling, starting & running the engines, calling for help and more.

### **Emergencies on Board**

This seminar prepares the 1<sup>st</sup> mate to manage emergencies such as medical, stormy conditions, running aground, fouled propeller, injury or illness, collision, taking on water, carbon monoxide, crew overboard and dealing with getting lost.

### **Mastering Rules of the Road**

This seminar helps you avoid collisions, deal with “head on” situations, what do when overtaking, manage encounters between power and sailing vessels, understand lights and shapes, sound signals, navigating during restricted visibility, and more.

### **The Mariner’s Compass**

This seminar explains how to select, install, calibrate and use your compass on board your boat. You will learn which features are most important and what will work best for you, how to deal with variation between true and magnetic north, and how to adjust your compass to remove most of the deviation caused by local magnetic influences. This is an essential seminar for all boaters.

### **Using GPS**

This seminar explains the principles of waypoint navigation which you will use. It then shows you how to relate the GPS to your charts which provide essential information about what is around you.

### **Tides & Currents**

The seminar deals with how the sun and moon create tidal patterns, sources of information about tides and tidal currents, simple ways to predict height of tide and current flow and how to use both print and electronic tide tables.

### **Fuel & Boating**

This seminar assists the student in understanding the issues and problems involving the handling of gasoline and diesel fuel and how these issues relate to boating. Sections deal with computing and evaluating fuel consumption, system care and safety, and environmental issues associated with fueling a boat.

### **Anchoring**

This seminar covers selection of anchor, rode and components; anchor selection for sea conditions and bottom characteristics; deployment and recovery of anchors. It also includes tables for sizing an anchor and components, and information for determining loads under various conditions.

### **Hurricanes & Boats**

This covers how to select a location and prepare your boat for a hurricane.

### **Basic Weather Forecasting**

This revised seminar on Weather explains what causes weather, how weather systems move, what causes winds to blow, what clouds tell us, how storms and fronts create foul weather, why fog forms, where to get the best weather forecasts, and how to refine forecasts with your senses. The seminar includes copies of slides as well as a waterproof quick guide for on board use.

### **Knots, Bends & Hitches**

The *Knots, Bends, and Hitches* seminar is a hands-on "learn how to tie knots" program geared to a wide range of audiences.

### **Using VHF Radio & VHF/DSC Marine Radio**

VHF radio is the mainstay of coastal communication and essential for emergency communications. Digital Selective Calling (DSC) is finally universally available. This seminar explains the operations of VHF and DSC Radio and the differences between them. A CD is included with a DSC Simulator that allows you to practice on your computer at home. A handy waterproof McGraw-Hill Captain's Quick Guide *Using VHF* is included with essential information that you should have aboard.

### **Using Marine Radar**

This seminar covers how radar functions, radar selection, and operation of the radar under various conditions including setting of controls, display interpretation, basic navigation, and collision avoidance using radar.

### **Paddle Smart**

Welcome to the world of paddle sports. Kayaking, canoeing or rowing present enjoyable opportunities to get close to nature, have a great time, and get some quality exercise in the process. This seminar is intended for those about to join the sport and those considering purchasing paddling equipment.