



*Vancouver Power &
Sail Squadron*



Vancouver Squadron Burgee

Course Schedule
Fall 2011
Spring 2012

www.vpsboat.com

Course Name	Fall 2011 **	Spring 2012 **	Course Fees
Boating (includes PCOC exam)	Tuesdays, Sept 13 <u>or</u> Thursdays, Sept 15 (13 weeks)	Tuesdays, January 10 <u>or</u> Thursdays, January 12 (13 weeks)	\$300.00 per person \$500.00 per couple (couples share material)
Boating Basics* (PCOC course only)	Wednesdays, Oct 12, 19 & 26 (3 weeks)	Wednesdays, Feb 8, 15 & 22 (3 weeks)	\$85.00 per person (Includes the Transport Canada PCOC exam)
Maritime Radio* (VHF/DSC/GMDSS)	Wednesdays, Oct 12, 19 & 26 Oct 19 & 26 - DSC endorsement only	Wednesdays, Feb 8, 15 & 22 Feb 15 & 22 - DSC endorsement only	\$110.00 - Non members \$90.00 - CPS members \$60.00 - DSC only
Boating & Engine Maintenance*	Tuesdays, September 20 11 weeks	Not available this session	\$180.00 - Non members \$160.00 - CPS members
Fundamentals of Weather*	Thursdays, September 22 10 weeks	Not available this session	\$160.00 - Non members \$140.00 - CPS members
Seamanship*	Tuesdays, September 20 12 weeks	Tuesdays, January 17 12 weeks	\$170.00 - Non members \$150.00 - CPS members
Advanced Piloting*	Not Available this session	Tuesdays, January 17 12 weeks	\$170.00 - Non members \$150.00 - CPS members
Junior Navigator*	Thursdays, September 22 12 weeks	Not available this session	\$180.00 - Non members \$160.00 - CPS members
<p>* Minimum registration of 12 participants ** Course dates may change due to classroom availability. Please check our web site at www.vpsBOAT.com for any changes to the dates listed here.</p>			
<p>- Classes at: Prince of Wales High School, 2250 Eddington Dr, Vancouver (2 blocks west of Arbutus St. & Nanton Ave.) - School schedules may affect some class nights during the courses. You will be advised of any changes to class nights. Classes start at 7:00pm (1900hrs) and run until approx. 9:45pm. <i>On the first night, please arrive at 6:45 to pick up materials.</i></p>			
<p>For additional info on any of our courses please contact our Training Officer at training@vpsboat.com Or call our INFO LINE at 604-816-8576 <i>Complete course descriptions and "ON-LINE" registration information is available at: www.vpsBOAT.com</i></p>			

**For additional course descriptions, information and to register
"On-Line"... Please visit us at: www.vpsBOAT.com**

Boating Course: With approximately 40 hours of classroom instruction covering the basic information you need to become more competent & safe. Particular attention is focused on the characteristics of the waters off British Columbia's coast. You will learn about compasses, taking bearings, aids to navigation, marine charts, plotting bearings and courses, keeping a log, tides and currents, anchoring, weather, boat handling, launching, docking, safety and emergency procedures, mandatory equipment, licensing requirements, and government regulations. The Pleasure Craft Operator (P.C.O.C.) Card exam is included with this course at no additional cost.

Boating Basics (PCOC): This is the basic course covering the minimum requirements for the Pleasure Craft Operator's Card (PCOC). Vancouver Squadron will conduct a Wednesday evening course for boaters, covering all the information required to confidently write the Transport Canada PCOC Exam (12 participant minimum). Please contact the Training Officer for more information. The Manual, CD and exam are provided as part of the Boating Basic in class course. We do sell the Boating Basics manual for self-study and will provide the P.C.O.C. government exam on request.

Maritime Radio Course (VHF/DSC/GMDSS): A comprehensive and practical course focusing on all aspects of VHF radio procedures; including simulated practice calls and information on the new VHF-DSC feature (found on most new VHF radios). Industry Canada's Restricted Radiotelephone Operator's Certificate Exam is written on the 3rd night of class.

Boat & Engine Maintenance: Expands the boat owner's knowledge of vessel maintenance covering topics such as: seasonal maintenance, techniques for repair of wood, fiberglass and metal hulls, theory and servicing of gasoline and diesel engines, cooling and lubrication systems, starting systems and batteries, outboard engines, stern drives, engine controls and steering systems.

Fundamentals of Weather: All boaters will benefit from this knowledge both on and off the water. The course will improve your knowledge of basic weather, enabling you to interpret weather signs and anticipate adverse weather. Topics include: the sun and its effects on weather, winds, clouds, storms and forecasting. Technical jargon is avoided.

Seamanship: Builds on what was learned in Boating but with emphasis on seamanship skills, emergencies at sea including man overboard recovery methods, medical emergencies, tides and currents, and collision regulations (the "rules of the road"). Knots, bends and splices are covered in more detail, and the stability and buoyancy of vessels is discussed, as is boating etiquette. Navigation includes the traditional methods previously learned, and introduces the concepts of compass deviation and running fixes.

Advanced Piloting: (AP) Following the Seamanship course, "AP" extends navigation concepts to include the new topics of waypoint navigation; positions using vertical & horizontal sextant angles; tidal information at secondary ports; vector solutions to tidal current problems; running fixes by advancing lines of position; and an introduction to GPS, loran, & radar. As traditional navigation methods remain essential in the case of electronic equipment failure, AP stresses competence & accuracy in chart work to standards recognized in the maritime industry. Your knowledge is applied to an intricate, in-class cruise through west coast waters. An assignment must be completed & submitted before the final exam is written.

Junior Navigator: (JN) subject matter includes: basic concepts of celestial navigation; how to use the mariner's sextant to take sights of the sun; the importance and techniques of accurate time determination; use of the Nautical Almanac: how to reduce sights to establish lines of position (LOPs); and the use of GPS, special charts, plotting sheets and other navigational data for offshore positioning and passage planning. Students are required to have a sextant for this course. For additional info please contact Peter Girling at 604-263-4079.

All courses are open to the public, and have no prerequisites; however, CPS Advanced courses assume that the student has taken the previous courses, or has equivalent knowledge.

Please register "On-Line" at www.vpsBOAT.com at least one to two weeks before the first class, to ensure we have sufficient course material available for the first class. Courses with insufficient registration – minimum of 12 students – will be cancelled. In-person registrations will be accepted with full payment (Cash, Cheque or VISA only) at 6:45pm (1845hrs) on the first night of classes.
