



Vancouver Power & Sail Squadron



Course Schedule Fall 2010 & Spring 2011 www.vpsBOAT.com

	Fall 2010	Spring 2011	Course Fee
Boating Course (includes PCOC exam)	Tuesdays, September 14 <u>or</u> Thursdays, September 16 (14 weeks)	Tuesdays, January 11 <u>or</u> Thursdays, January 13 (14 weeks)	\$290 per person \$475 couple (shared materials)
Maritime Radio (VHF/DSC/GMDSS)	Wednesdays, Oct 6, 13 & 20 Oct 21 & 28- DSC endorsement only	Wednesdays, Feb 16, 23 and Mar 2 Feb 23 & Mar 2 -DSC endorsement only	\$100 non members \$90 CPS members \$60 for DSC only
Marine Maintenance*	Tuesdays, September 21 11 weeks	Not available this session	\$140 non members \$130 CPS members
Fundamentals of Weather*	Not available this session	Not available this session	\$140 non members \$130 CPS members
Radar*	Thursdays, Nov 3 5 weeks	Not available this session	\$100 non members \$90 CPS members
Piloting/Seamanship*	Not available this session	Tuesdays, January 18 13 weeks	\$155 non members \$145 CPS members
Sailing*	Thursday, September 23 12 weeks	Not available this session	\$155 non members \$145 CPS members
Advance Piloting*	Not available this session	Thursdays, January 20 13 weeks	\$155 non members \$145 CPS members
Electronic Charting*	Not available this session	Not available this session	\$95 non members \$85 CPS members
Celestial Navigation*	Not available this session	Not available this session	TBD
BoatPro PCOC (Pleasure Craft Operator's Card)	Manual or exam by appointment - Email Training Officer for details	Manual or exam by appointment -. Email Training Officer for details	\$20 manual for self-study \$45 for the exam
* minimum registration of 12 participants			
- Classes held at: Prince of Wales High School, 2250 Eddington Dr, Vancouver (2 blocks west of Arbutus & Nanton) - School schedule may affect some class nights during the course. Classes start at 7:00pm (1900hrs) and run until approximately 10:00pm. <i>On the first night, please arrive at 6:30 to pick up course materials.</i>			

Vancouver Power and Sail Squadron is one of 162 Squadrons across Canada which makes up Canadian Power and Sail Squadrons. Each year, CPS members teach a variety of courses to 8,000 or more concerned boaters in the general public across Canada. CPS is well known for its "Boating Course", which is the primary course offered to the public. Canadian Power and Sail Squadrons is a nationwide association of boating enthusiasts, dedicated to improving boating safety through training. CPS is a non-profit organization incorporated under the Companies Act (Canada), and members - without remuneration, do its administrative and instructional work.

Boating, Maritime Radio, BoatPro contact: Training Officer
@ training.boating@vpsboat.com

Advanced and Electives contact: Assistant Training Officer
@ training.advanced@vpsboat.com

Complete course descriptions and registration information is available 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.

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.

Marine Maintenance: Expanding the average boat owner's knowledge of vessel maintenance, experts teach topics including: seasonal maintenance & techniques for the repair of wood, fiberglass & metal hulls; maintenance of electrical & mechanical systems, including gasoline, diesel & outboard engines; spars, rigging & ground tackle; fire & safety protection; moorings & berths.

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.

Radar: Recommended for all who own, are purchasing or are interested in radar, the course covers different types of equipment, including capabilities and limitations, understanding available features and applying them to your needs. A companion CD features a simulator that allows you to practice using common radar controls and learn collision avoidance from the safety of your home PC.

Electronic Charting: Covers the more advanced features of electronic charting, including the different types, how they were developed, their advantages and disadvantages, and how to use them in a practical manner. Topics include connecting your GPS to a laptop or other computing device, and the use of navigational computer programs. An accompanying CD with charting software and over 200 electronic charts is provided.

Seamanship Sail: Building upon the skills gained in Boating, this course will be useful for both beginner sailors and experienced sailors looking to sharpen their skills. Emphasis is placed on how a sailboat works, sailboat terminology, and practical seamanship, including piloting under sail, making progress to windward, sail trim, rig tuning, sailboat racing. No chart work or navigation is discussed.

Seamanship/Piloting: 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: Following the Seamanship/Piloting 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.

Celestial Navigation: This course is being redeveloped, and might be offered the 2010-2011 teaching year.

BoatPro (PCOC) is a very basic course covering the minimum requirements for the Pleasure Craft Operator's Card (PCOC). Vancouver Squadron will conduct a course for boating groups if requested (12-20 participants). Please contact the Training Officer to make arrangements. We do sell the BoatPro manual for self-study and will provide the P.C.O.C. government exam on request. The Manual and exam are available from Mid-September to Mid-December and Mid-January to Mid-May at Prince of Wales High School after 7:30pm during the Boating Course on Tuesday or Thursday evenings only.

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

Please register at least one week before the first class, so that we can ensure sufficient course material in time for the first class. Courses with insufficient registration – minimum 12 participants – will be cancelled. In-person registrations will be accepted with full payment at 6:30 (1830hrs) on the first night of class.