



# HUMBER BAY SAILING CENTRE

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**Sailing School Fall & Winter 2018 / 19 Course Schedule**

**October 31, 2018**

## Fall and Winter Seminars and Theory Courses

### **Passage Making – Ken Gillstrom**

**(Saturday, January 12, 09:30 – 16:30)**

**Course fee: \$95 + HST**

This one-day seminar applies to sailors of varying experience, whether looking to make their first day long passage across Lake Ontario, an overnight passage to The Thousand Islands or an offshore passage to the Caribbean and beyond. Topics include Passage Planning and Preparation, Vessel Design and Equipment, Weather, Navigation, Executing the Plan and what to do When Things Go Wrong!

### **Electronic Navigation Essentials – Ken Gillstrom**

**(Sunday, January 13, 09:30 – 16:30)**

**Course fee: \$95 + HST**

This one-day seminar covers the basics of electronic navigation, as well as collision avoidance, navigation using radar and getting the most out of a chart plotter and auto pilots.

### **International Certificate of Competency (ICC) Theory**

**(Monday & Thursday, 18:30 – 21:30, Nov. 5 – 23 or Feb. 18 – Mar. 7)**

**Course fee: \$355 + HST**

This course will provide the theoretical knowledge required to safely and competently operate as skipper/captain with full understanding and application of: Nautical terminology, safety, vessel checkout, basic rope work, refueling, crew overboard procedures, capsizing, swamping, sinking, anchors and anchoring, running aground and the responsibilities of the crew, small powerboats and rigid inflatable boats, boat handling under power, sails and sail handling, basic meteorology, short passages including heavy weather, restricted visibility, and negotiating harbour entrances, compasses and magnetism, charts, chart work and basic navigation, tides and currents, buoyage, collision regulations, navigation lights, basic first aid and responsibilities of the skipper/captain.

To complete the ICC process, an on-water Practical Evaluation (not included in this course fee) is also required.

### **VHF Radio “Restricted Operator’s Certificate (Maritime)” with DSC Endorsement**

**(Monday & Thursday evenings, 18:30 – 21:00, November 26 & 29 or March 18 & 21)**

**Course fee: \$135 + HST**

Learn to operate a VHF (very high frequency) radio legally and obtain the necessary certificate. This two-evening course covers all aspects of VHF radio operation. On the second evening, students will undergo a brief oral examination and written test to obtain the VHF certificate with Digital Selective Calling (DSC) Endorsement. Register early to receive study material in advance.

### **Sailboat Diesel Engine Maintenance**

**(Wed, 18:30 – 21:30, Nov 14 – Dec 19 or Feb 20 – Mar 27)**

**Course fee: \$320 + HST**

Delivered by a marine mechanic with 50 years of experience working on and repairing both gas and diesel marine engines, this eight-evening course provides a common-sense approach to diesel engine maintenance. The student will become familiar with diesel engine operation, all aspects of the 12-volt electrical system as well as hands on troubleshooting, winterizing and commissioning procedures. This is a great money saving opportunity not to be missed by any sailor with an inboard diesel engine. A textbook is included in the course fee.

### **Sail Canada Advanced Cruising Theory**

**(Wednesday, 18:30 – 21:30, Nov 21 – Jan 2)**

**Course fee: \$210 + HST**

This Sail Canada course will provide the theoretical knowledge required to be able to act safely as both skipper and crew on a sailing cruiser of 10 – 15 meters, any modern rig and inboard engine, operating within 100 miles of shore by day or night in coastal or inland waters in any weather. Topics covered will include: Sail theory, centre of lateral resistance and centre of effort, lee and weather helm, sail shape adjustments, weather (low pressure systems, warm and cold fronts, clouds and their associated weather), collision regulations and distress signals, method of grounding for lightning, winterizing and preparing for launch, electronic navigation aids, on-board emergencies and towing, precautions for heavy weather, non-stop passage planning, dealing with on-board electro-mechanical problems, oil and filter changes, bleeding fuel lines, docking and undocking under sail, sailing at night, yacht stability. The Sail Canada Advanced Cruising exam may be written at the conclusion of the course.

### **Sail Canada Celestial Navigation Standard**

**(Saturday & Sunday 09:00 – 17:00, Dec. 1, 2, 8, 9)**

**Course fee: \$600 + HST**

This classroom-based course teaches navigation by taking sights on heavenly bodies. Topics covered include positioning using the sun, the moon and selected stars. Methodology taught is H.O. 249.

The course focus is on the practical for real use on the water and on shore. Topics will include some history and theory, the importance of time, how to use a sextant, real sights (noon and sun) and pointer stars. The 3-hour Sail Canada Celestial Navigation examination will be written on a night to be set after the above dates.

Nautical Almanacs, Sight Reduction Tables, Worksheets and Sextants will be provided.

Prerequisites for certification: Sail Canada Intermediate Coastal Navigation Standard or Sail Canada Coastal Navigation Standard.

### **Sail Canada Basic Coastal Navigation Standard**

**(Mon & Thurs, 18:30 – 21:30, Jan 28 – Feb 14)**

**Course fee: \$395 + HST**

This introductory course offers basic knowledge of navigation theory and is the initial course in a comprehensive set of courses offered by Sail Canada on vessel navigation. The curriculum covers the role of the navigator and introduces the publications, aids to navigation, tools and techniques that support planning and safe passage making. The student is exposed to basic plotting and position determination methods. This course covers information key to the effective use of electronics. Sail Canada exam may be written at the conclusion of the course. Parallel rules and dividers will be required for this course.

Sessions complement the material introduced in the Sail Canada Basic Cruising course. The Sail Canada Basic Coastal Navigation course is a prerequisite for the Sail Canada Intermediate Cruising course wherein these navigation concepts and skills will be applied. The Basic Coastal Navigation course prepares the candidates for the Sail Canada Intermediate Coastal Navigation course.

### **Sail Canada Intermediate Cruising Theory**

**(Wed, 18:30 – 21:30, Jan 30 – Feb 27)**

**Course fee: \$175 + HST**

This Sail Canada course will provide the Ashore (theoretical) Knowledge required to be able to cruise safely in familiar waters as both skipper and crew of a sailing yacht of 9 to 12 meters, sloop rigged with an inboard engine in moderate wind and sea conditions by day. Topics covered will include: Planning and provisioning, recommended tools, spare parts, clothing and safety gear, seasickness prevention and treatment, boat documentation and clearing customs, safe galley procedures, stoves and heaters, 120-volt and 12-volt electrical systems, water distribution systems and proper use of the marine head, weather, on-board emergencies, crew overboard recovery, docking and undocking, managing a dinghy, rafting and anchoring, ropes, responsibilities of the skipper and crew. The Sail Canada Intermediate Cruising exam may be written at the conclusion of the course.

Note: The Sail Canada Intermediate Cruising Standard emphasizes on-the-water skills at a level acceptable for bareboat chartering in coastal waters. A credit of 50% of this course fee will be applied against the Intermediate Cruising on-water course fee if the on-water is taken with HBCS on Lake Ontario in 2019.

**Performance Sail Trim**

**(Tues, 18:00 – 21:00, Feb 5 – Mar 12)**

**Course Fee: \$265 + HST**

This course is excellent for both skippers and crew. Learn the skills of sail trim. Taught by a leading sail maker and expert racer, topics include basic sail theory, mast tuning, sail shape and trim and boat handling techniques. One of the evenings will be held at the Evolution Sails loft.

**Sail Canada Intermediate Coastal Navigation Standard**

**(Mon & Thurs, 18:30 – 21:30, Feb 18 – Mar 7)**

**Course fee: \$275 + HST**

This course builds on the basic knowledge of navigation theory presented in the Sail Canada Basic Coastal Navigation Standard. This is the second course in a comprehensive set of courses offered by Sail Canada on vessel navigation. The curriculum focus is on near shore navigation and covers position determination methods using nonelectronic means as well as methods for dealing with current and leeway. The course also covers the determination of intermediate tidal heights and introduces the student to the basics of passage planning and to the impact that the Collision Regulations may have on navigational practice. Students completing this course will have practiced and should understand the tools and techniques to support planning and safe passage making for coastal voyages. Sail Canada exam may be written at the conclusion of the course. Parallel rules and dividers will be required for this course.

Sessions complement material introduced in the (prerequisite) Sail Canada Basic Coastal Navigation course and practiced in the Intermediate Cruising practical course. This course is recommended for those who intend to bare boat charter. The concepts and skills covered will be applied in the Advanced Cruising course and prepares students for the Sail Canada Advanced Navigation course.

**Sail Canada Basic Cruising Theory**

**(Wednesday, 18:30 – 21:30, Mar 6 – Mar 27)**

**Course fee: \$140 + HST**

This Sail Canada course will provide the theoretical knowledge required to be able to cruise safely in familiar waters as both skipper and crew of a sloop rigged keelboat of 6 to 10 meters with an outboard or inboard motor in moderate wind and sea conditions by day. Topics covered will include: Parts of the boat, nautical terminology and commands, safety equipment, navigation lights, hypothermia, cold water shock, carbon monoxide poisoning, the ship's compass, safe refueling procedures, flares and distress signals, collision regulations, basic weather concepts, responsibilities of the skipper and crew, basic seamanship, dealing with on-board emergencies, knots, basic navigation including charts and tide and current tables. The Sail Canada Basic Cruising exam may be written at the conclusion of the course. A textbook

is included in the course fee. A credit of 50% of this course fee will be applied against the Basic Cruising on-water course fee if the on-water is taken with HBSC in 2019.

## **Winter Caribbean Liveboard Courses**

### **Island Hopper Vacation – Leg 1 – Grenada to Martinique**

**(January 13 – 20)**

**Fee: USD \$1,450**

Presented in cooperation with “Sailabration” and conducted on a Beneteau 43.4 Cyclades sloop. 8 days and 7 nights on board. Itinerary includes Woburn Bay (Grenada), Saint Georges (Grenada, Carriacou (The Grenadines), Canouan (The Grenadines), Grande Anse D’arlet (Martinique) and Fort de France (Martinique). The fee includes all food on board. Air fare and meals ashore are not included.

### **Island Hopper Vacation – Leg 2 – Martinique to Antigua**

**(January 20 - 27)**

**Fee: USD \$1,450 (Half price if combined with Leg 1 above)**

Presented in cooperation with “Sailabration” and conducted on a Beneteau 43.4 Cyclades sloop. 8 days and 7 nights on board. Itinerary includes Fort de France (Martinique), Sainte Pierre (Martinique), Plymouth (Domenica), Iles Des Saintes (Guadeloupe), English Harbour (Antigua) and Jolly Harbour (Antigua). The fee includes all food on board. Air fare and meals ashore are not included.

### **Journey to Chartering**

**(Feb 10 - 17 in Antigua & Barbuda)**

**Course fee: USD \$1,450**

Presented in cooperation with “Sailabration” and taught on a Beneteau 43.4 Cyclades sloop, this **non-certification** course will teach the Afloat Skills (on-water practical) portion of the Sail Canada Intermediate Cruising Standard. This course is aimed at those sailors who feel a need to improve their skills before tackling the full Intermediate Cruising (certification) course. Graduate Intermediate Cruising sailors can also benefit by building confidence sailing a larger boat before skippering their own bareboat charter. Skills worked on will include improving all points of sail, tacking, gybing, sailing to weather efficiently, crew overboard routines, proper sail trim, sailing a compass course navigating using Sail Canada Basic Coastal Navigation techniques, anchoring, manoeuvring a vessel under power and dinghy management. This course DOES NOT INCLUDE the Sail Canada Intermediate Cruising Ashore Knowledge (theory) portion of the Standard (see Sail Canada Intermediate Cruising Theory above) or airfare.

Prerequisites: Basic Cruising Standard, Basic Coastal Navigation Standard, ROC(M) VHF w/DSC endorsement, Pleasure Craft Operator’s Card. Prior sailing experience as a skipper is also recommended.

### **Sail Canada Intermediate Cruising Standard**

**(Feb 17 - 24 Women only, Mar 17 – 24 and Mar 24 – 31 in Antigua & Barbuda)**

**Course fee: USD \$1,450**

Presented in cooperation with “Sailabration”, and taught on a Beneteau 43.4 Cyclades sloop, this course will teach the Afloat Skills (on-water practical) portion of the Sail Canada Intermediate Cruising Standard. Upon completion of this course you should be able to cruise safely and efficiently on a sloop-rigged sailing yacht of up to 12 metres in moderate wind and sea conditions by day. This course emphasizes on-the-water skills at a level acceptable for bare boat chartering for extended cruises in coastal waters. Your on-water ability will be assessed against the afloat skills required for the Sail Canada Intermediate Cruising Standard.

This course DOES NOT INCLUDE the Sail Canada Ashore Knowledge (theory) portion of the Standard (see Sail Canada Intermediate Cruising Theory above) or airfare.

Prerequisites for certification: Basic Cruising Standard, Basic Coastal Navigation Standard, ROC(M) VHF w/DSC endorsement, Pleasure Craft Operator's Card. Prior sailing experience as a skipper is also recommended.

**Sail Canada Advanced Cruising Standard**

**(Mar 31 – Apr 9 Antigua to Grenada / Trinidad)**

**Course fee: USD \$1,450**

Presented in cooperation with "Sailabration" and taught on a Beneteau 43.4 Cyclades sloop, this course will teach the Afloat Skills (on-water practical) portion of the Sail Canada Advanced Cruising Standard. Upon completion of this course you should be able to cruise safely and efficiently on a sailing cruiser of up to 15 metres, any modern rig with inboard engine, operating within 100 miles of shore by day and night in coastal or inland waters in any weather. This course emphasizes on-the-water skills at a level acceptable for extended cruises. Your on-water ability will be assessed against the afloat skills required for the Sail Canada Advanced Cruising Standard.

This course DOES NOT INCLUDE the Sail Canada Ashore Knowledge (theory) portion of the Standard (see Sail Canada Advanced Cruising Theory above) or airfare.

Prerequisites for certification: Intermediate Cruising Standard, Intermediate Coastal Navigation Standard, ROC(M) VHF w/DSC endorsement, Pleasure Craft Operator's Card, recognized Standard First Aid with CPR.

**To register for any of the above courses please contact Bryant Adlam at [education@hbsailing.com](mailto:education@hbsailing.com)**

Humber Bay Sailing Centre transfer and refund policies apply.