North Shore Amateur Radio Club, Inc.

Basic Amateur Radio Training Course

September 05, 2024

North Shore Amateur Radio Club, Inc. (NSARC) will be hosting an online training course on Zoom to prepare students for the Innovation, Science and Economic Development Canada (ISED) Basic Amateur Radio Operator Certificate exam to operate on allocated Amateur Radio frequencies.

The online Zoom training course will be held Thursday nights from 7:00 pm to 9:30 pm starting on Thursday January 02, 2025. Zoom classes will be recorded.

This training course will be a total of thirteen (13) weeks long. Eleven training classes with one review class and the last class will be the on-line exam.

The exam for the Basic Qualification has both technical and non-technical questions. However the design of the exam and available resources makes it possible for even non-technically oriented people to be successful.

NSARC will also host a Facebook group for students and instructors. Upon successful course registration a link will be sent out to allow students to join this group. We will also place recordings of the classes and other documents for later review. The instructors will also answer any questions during the course that are posted in the group.

Students will need to set aside time each week to learn the material. An estimate would be 2 hr. (those with technical background) to 5 hr. (non-technical) per week.

The course will cover more material than is on the exam but the extra material will help you become a better Amateur Radio operator.

The class study guide will be the “Canadian Amateur Radio Basic Qualification Study Guide”. This is published by Coax Publications.

Each student will be required to purchase this study guide in advance of the course as it is not provided by NSARC. If you live in the GTA area you can easily purchase this guide from “Radio World” https://www.radioworld.ca/book-5537. Current pricing of this book is $49.95 plus tax.

If you live outside of the GTA area or want further information and details about the guide check Coax Publications web site at https://www.coaxpublications.ca. With the purchase of this guide, the student will also have online access to Coax’s Student Success Pages which will enhance your learning experience.

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NSARC will be using the Zoom platform for the online training. Details on how to connect to Zoom will be provided by email upon successful registration.

Course registration is in two parts. Part one is to fill out our on-line registration form Click Here. The second part is to pay the course fee.

The course fee is $65.00 (CAD). NSARC accepts e-transfers emailed to treasurer@ve3osh.com.

Upon completion of filling out the on-line registration form and paying the course fee, NSARC will email you to confirm your acceptance in this course. All course communications will be provided by email.

Cancellations will be accepted and full refunds issued up to one week before the class start. The course fee is non-refundable once the course starts.

Please note: There is a minimum number of five (5) students required to be able to host this course. If we do not obtain the required minimum number of students the course will be canceled and all monies refunded.

Upon successful completion of this course and passing the ISED exam with a minimum of 70%, the student qualifies for the following:

- A free one year membership of the Radio Amateurs of Canada (RAC). NSARC is a RAC Affiliated Club. This membership is provided by RAC directly.

- A limited free one year full membership to North Shore Amateur Radio Club, Inc. (NSARC) located in Oshawa, Ontario Canada. The limitation is that if you attend monthly member meetings on a regular basis, your membership will remain free. If you miss more than two meetings in the calendar year your free membership will end. Monthly meetings are currently held on Zoom to allow members to attend from anywhere in Canada.

- During the course the Student will be allowed to attend as a guest at the weekly NSARC Virtual Parking Lot Weekly Zoom Meeting and NSARC Monthly Member Meetings on Zoom.

    - The Virtual Parking Lot Meeting is an open forum get-together of club members & guests that is held weekly on Wednesday from 7:00 pm to about 9:00 pm on Zoom.

    - Member meetings are held on the third Wednesday of the following months October – May from 7:00 pm to 9:30 pm on Zoom. June and September months the club hosts a club BBQ. July and August there are no member meetings.

This course will have two instructors that will teach alternating classes.

Brian Holmes – VE3IK and Richard Simpson – VE3LSZ

Brian is a licensed Professional Engineer - Electrical/Telecom and was first introduced to amateur radio as a teenager through RCSCC Vanguard, the Sea Cadet Corps in Toronto. First licensed in 1976 as VE3ILI and then received his Advanced Certificate in 1977. In 1988 he wrote and received the Canadian Amateur Digital Radio Operators Certificate. He obtained the call sign VE3IK around 1992.

In 1991, He passed the RGMC professional Radio Operator's Certificate and added the Radar Endorsement in 1992. After having served in the Royal Canadian Navy Reserve for a number of years and having sailed as a marine engineer, He had hoped to sail in merchant ships on a part-time basis as a Radio Officer however, as GMDSS was being implemented, Radio Officers were becoming surplus at that time which made it all but impossible to do on a part-time basis.

In the 1980s he sponsored VE3YRK, the HMCS York Amateur Radio Club in Toronto. In an attempt to pay it forward, He is presently an Officer with the Sea Cadet Program, Commanding Officer of the sea cadet corps in Bowmanville Ontario and active in the sea cadet amateur radio training program.

His other hobbies are bare boat charter sailing and restoring / riding vintage Norton motorcycles.

Brian joined NSARC in 2021 and is a full member.

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Richard is a retired Chemistry, Physics and Mathematics teacher at the secondary school level. He obtained the Basic and Morse Code qualifications in 1980 and passed the Advance exam in 1982.

When he moved to York Region he became very active in the York Region Amateur Radio Club teaching two basic classes per year for five years and also coordinating a very active Amateur Radio Emergency Services group.

After being off the air for a number of years he recognized the need for other means of communication in disaster situations so decided to return to teaching Amateur Radio classes in Durham Region.

His other hobbies are growing and preserving food and making things especially out of wood. He is also involved with Choral singing with the Uxbridge One Voice Choir.

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The course accredited Amateur Radio examiner is Aldo Galati – VA3AG

Aldo became interested in Amateur radio when he was living in Buenos Aires, Argentina in 1963.

Aldo came to Canada in 1967 where he continued to be interested in Amateur Radio as a SWL (short wave listener). He enjoyed listening to Amateur Radio around the world and dreamed of getting his licence, finally he obtained his basic amateur radio licence with Morse code (10 wpm) in 1977 and then obtained his advanced amateur radio licence with Morse code (15 wpm) in 1978.

Aldo has enjoyed Amateur Radio for many years now and has used many of the different modes of operation that the advanced licence allows.

Aldo passed the ISED requirements to become a ISED accredited examiner in 2011 and has examined many people in-person and on the Zoom platform.

Aldo has been a member of the NSARC for over five years now and is the club's examiner.

Check out the NSARC club website at www.VE3OSH.COM for other amateur radio related and club information.

Course contact: Derek Christian, NSARC President - Email: VE3TKE@gmail.com
Cell 647-668-8750.

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Course Schedule

Class Date	Chapters	Instructor
January 02, 2025	Lesson 1 - Introduction	Richard VE3LSZ Brian VE3IK
January 09, 2025	Lesson 2 - Getting Down to Basics Lesson 3 - Ohm's Law and Power	Brian VE3IK
January 16, 2025	Lesson 4 – Inductors and Capacitors	Richard VE3LSZ
January 23, 2025	Lesson 5 – Waves and Bands Lesson 6 - Propagation	Brian VE3IK
January 30, 2025	Lesson 7 – Transmission Lines	Richard VE3LSZ
February 06, 2025	Lesson 8 - Antennas	Brian VE3IK
February 13, 2025	Lesson 9 – Active Devices Lesson 10 – Power Supplies	Richard VE3LSZ
February 20, 2025	Lesson 11 – Establishing a Station Lesson 12 – Routine Operation	Brian VE3IK
February 27, 2025	Lesson 13 – Modulation and Transmitters Lesson 14 - Receivers	Richard VE3LSZ
March 06, 2025	Lesson 15 – Radio Frequency Interference Lesson 16 - Safety	Brian VE3IK
March 13, 2025	Lesson 17 - Regulations	Richard VE3LSZ
March 20, 2025	Class Review	Brian VE3IK Richard VE3LSZ
March 27, 2025	On-Line Exam	Brian VE3IK Richard VE3LSZ Aldo VA3AG Derek VE3TKE