

Amateur Radio Course – Registration for the 2018 will be Monday, September 17 at the Science and Technology Museum.

The Ottawa Valley Mobile Radio Club (OVMRC) is pleased to offer again this year an amateur radio course for those wishing to acquire their “Certificate of Proficiency in Amateur Radio” and Call Sign issued by Innovation, Science and Economic Development Canada (ISED) necessary to operate an amateur radio station.

Objective:

The course will teach all the necessary topics and subject material to pass the examination prescribed by ISED for a “Certificate of Proficiency in Amateur Radio”, Basic level. Some students may also be able to pass the Advanced level qualification test. The course will also include practical sessions on equipment operation.

Course length:

The course length is 13 weeks, Mondays, 7 – 10 pm, mid-September to mid-December for sessions instructing in all topics and material contained in ISED course syllabus necessary for the “Basic” qualification. The course concludes with a group examination session administered by the OVMRC accredited examiner. A supplementary examination(s) can be arranged for those that may not be successful with first writing or for some reason cannot attend the group examination session.

Course content:

The course provides instruction on electrical and radio theory, radio regulations, operating technique and safety. The course covers the complete syllabus prescribed by ISED for the Basic Qualification outlined in their document RIC-3 (Radiocommunication Information Circular – Issue 4). No technical background is required to take this course, but those having a technical or engineering background will have some advantage.

The course begins with the study of the law and regulations governing the operation of amateur radio stations. A thorough knowledge of these Radiocommunications rules is mandatory and represents a significant part of the examination. The course continues by providing an understanding of the fundamentals of electrical charge and magnetism. It develops and builds on these concepts to ultimately bring about an appreciation of the nature and properties of high frequency electrical currents and how these are radiated as electromagnetic waves by antenna systems for radio communications.

As stated, the objective of the course is to develop a good understanding of the science of radio rather than just memorizing the necessary answers to pass the 100 question ISED examination randomly selected from a bank of more than 950 questions. The course also develops knowledge of the practical aspects of assembling and operating an amateur radio station.

Instruction:

The course is taught by people who are active radio amateurs and experienced teachers. Course material in PDF file format pertaining to all topics covered in the RIC 3 syllabus will be provided to all registered students. It is essential that all students have an Internet e-mail account as all supplemental study material and course information will be delivered in this manner. In addition, there will be a recommendations provided for a supplementary study book which may be facilitated by a group purchase at the beginning of the course for interested course candidates.

Course Fees:

The instructors give their time without remuneration. The course fee is \$100, which covers the cost of renting the venue and one year's membership in the Ottawa Valley Mobile Radio Club. Successful course candidates will also receive an application for a one year free membership to Radio Amateurs of Canada (RAC) the national organization representing the interests of amateur radio in Canada.
<https://wp.rac.ca/>

Who Should Attend:

Men and Women of all ages that have the capacity to learn a prescribed course of study and pass with at least 70 % the ISEDC 100 question multiple choice examination. We have had successful students ranging in age from 14 to 75 years old. Folks typically interested in amateur radio as a hobby are:

1. High School, Engineering and Technology students with a particular interest in using the amateur radio spectrum for their education projects.
2. People with a particular interest in public service and search & rescue activities.
3. Ocean sailors find this course very useful. Once beyond sight of land HF radio is a practical means of communication for small vessels.
4. People that want to belong to a group of like minded sociable people.
5. Retired people find Amateur Radio an interesting hobby and sport.
6. Hikers operating beyond the range of cell phones find amateur radio very useful in case of emergencies and communication among themselves while in the bush.
7. Anyone with an interest in radio and electronics and the time to commit to a new educational experience.

Please note that the course is demanding of time as it involves one evening each week plus supplemental self-study of course material and the reading of prescribed ISEDC documents.

Registration and Course Venue:

Registration and introduction class for the 2018 fall session of the course will **start Monday, September 17, 7 pm at the Canada Science and Technology Museum 1867 St. Laurent Blvd., Ottawa. South side, using the outside Studio 6 entrance.** Course fees of \$100 will be accepted in cash or cheque upon registration. Late registration will also be permitted after the course begins if there is room; we want to limit the class size to 40 students.

For more information or to express your intention to register, please contact:

Norm Rashleigh, VE3LC, at: ve3lc@rac.ca

OVMRC Lead Instructor and ISEDC Accredited Examiner.

All folks that inquire will be put on an e-mail list and be sent instructions early in September.

Prospective Students of the Course should also refer to background information from ISEDC at: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf01862.html> and also documents

RIC 3, <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf01008.html> and
RBR-4, <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf01226.html>.