

AMATEUR RADIO BASIC LEVEL COURSE



Hosted By:

Peterborough Amateur Radio Club and Adam Scott Amateur Radio Club

Instructors:

Harmen Minnema, VE3EMA John Sanders, VA3NW
David Moes, VE3DVY

Cost:

Free to members of PARC and the Adam Scott Amateur Radio Club.

Location:

Adam Scott CVI, Room 131
175 Langton St.
Peterborough, ON

When:

Every Monday, starting March 2nd, 2020 (12 weeks excluding holidays)
Classes will not run on the following dates; **March 16th, April 13th and May 18th**
Classes run from 7:00 pm till 9:00 pm

Resources:

It is highly recommended that you purchase a copy of the "The Canadian Amateur Study Guide for the Basic Qualification", 9th Edition by John Cleveland-Illiffe VA3JI & Geoffrey Read Smith VA3GS. If required, the club will bulk order for students.

Toronto Emergency Communications (EmComm) Group Amateur Radio Course
<http://www.ecoa.ca/hamcourse.shtml> (Link seems to longer be available)

Amateur Radio Exam Question Bank (NEW)
http://apc-cap.ic.gc.ca/datafiles/amateur_basic_questions_en.pdf

Amateur Radio Exam Generator (NEW)
http://apc-cap.ic.gc.ca/pls/apc_anon/apeg_practice.practice_form

Examination:

Examination is scheduled for June 15th, 2020
Examiner is Rick Page, VE3IQZ.
Note that examination can be scheduled to be written at any time through any
[Industry Canada Accredited Examiner](#)

Who:

This course is open to anyone who wishes to prepare for the Amateur Radio License examination.

Note: A minimum of six students is required to run course.

Course Agenda

Note: This agenda serves only as a guideline. Actual lesson content is subject to change depending on the needs of the students and time constraints.

Week 1: (March 2nd)

Instructor: Harmen VE3EMA
Chapter 1: Introduction to Amateur Radio
Chapter 2: Getting Down to Basics

Week 2: (March 9th)

Instructor: Harmen VE3EMA
Chapter 3: Ohm's Law

Week 3: (March 23rd)

Instructor: Harmen VE3EMA
Chapter 4: Inductors and Capacitors

Week 4: (March 30th)

Instructor: TBD
Chapter 5: Waves, Wavelength, Frequency and Bands

Week 5: (April 6th)

Instructor: TBD
Chapter 6: Propagation
Chapter 7: Transmission Lines

Week 6: (April 20th)

Instructor: TBD
Chapter 8: Antennas

Week 7: (April 27th)

Instructor: David VE3DVY
Chapter 9: Active Devices: Diodes, Transistors and Tubes

Week 8: (May 4th)

Instructor: David VE3DVY
Chapter 10: Power Supplies

Week 9: (May 11th)

Instructor: David VE3DVY
Chapter 11: Establishing and Equipping an Amateur Station
Chapter 12: Routine Operation of an Amateur Station

Week 10: (May 25th)

Instructor: John VA3NW
Chapter 13: Modulation and Transmitters

Week 11: (June 1st)

Instructor John VA3NW
Chapter 14: Receivers
Chapter 15: Radio Frequency Interference

Week 12: (June 8th)

Instructor John VA3NW
Chapter 16: Safety
Chapter 17: Regulations

Week 13: (June 15th)

Exam