

BASIC AMATEUR RADIO LICENSING COURSE

2011 Course Outline Schedule

September 22	Ch. 1 - Registration and Introduction to Amateur Radio
September 24 (Saturday)	Ch. 2 - Getting Down to Basics: Fundamental Concepts and Definitions Ch. 3 - Ohm's Law and Power
September 29	Ch. 3 - Practical Application of Ohm's Law
October 6	Ch. 4 - Inductors and Capacitors
October 13	Ch. 5 - Waves, Wavelengths, Frequency and Bands Morse Code CW, Modes and bandwidth, Beacons, Skip Distance
October 20	Ch. 6 - Propagation
October 22 (Saturday)	Ch. 7 - Transmission Lines: Theory and Practise Ch. 8 - Antennas: Theory and Practice
October 27	Ch. 17 - Radio Regulations Ch. 16 - Safety
November 3	Ch. 9 - Active Devices: Diodes, Transistors, Tubes
November 5 (Saturday)	Ch. 11 - Establishing and Equipping an Amateur Station Ch. 12 - Routine Operation of an Amateur Station Ch. 12 - Hands on Tutorial of Ham Station
November 10	Ch. 10 - Power Supplies
November 17	Ch. 13 - Modulation and Transmitters
November 24	Ch. 14 - Receivers
December 1	Ch. 15 - Radio Frequency Interference and Legal Responsibilities
December 8	Review of Chapters 9 - 15, and Quiz (cumulative)
December 10 (Saturday)	Write the EXAMINATION for a Basic Amateur Radio License 10:00 am
Optional tentative	Introduction to 2-Meter VHF/UHF operation plus IRLP

For those wishing to qualify for operation on CW (continuous wave) a special tutorial can be arranged to teach the use and transmission of Morse code. Sessions will be arranged once the class has begun and a mutually convenient time and place can be selected.

There are currently two ways for amateur license candidates to obtain full high frequency (HF) operating privileges. One is to pass the Basic Radio Exam with honours (80%). The other way involves passing the Basic Radio Exam (70%) and qualifying in sending and receiving Morse code at the rate of 5 wpm.