

BASIC AMATEUR RADIO LICENSING COURSE

2010 Course Outline

September 16th	Ch. 1 - Registration and Introduction to Amateur Radio
September 18th (Saturday)	Ch. 2 - Getting Down to Basics: Fundamental Concepts and Definitions Ch. 3 - Ohm's Law and Power
September 23rd	Ch. 3 - Practical Application of Ohm's Law Communicating with Morse Code CW
September 30th	Ch. 4 - Inductors and Capacitors
October 7th	Ch. 5 - Waves, Wavelengths, Frequency and Bands
October 14th	Ch. 17 - Radio Regulations Ch. 16 – Safety
October 21st	Ch. 6 – Propagation
October 23rd (Saturday)	Ch. 7 - Transmission Lines: Theory and Practise Ch. 8 – Antennas: Theory and Practise
October 28th	Introduction to 2-Meter VHF/UHF operation plus IRLP
November 4th	Ch. 9 – Active Devices: Diodes, Transistors, Tubes
November 6th (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 11th	Ch. 10 - Power Supplies
November 18th	Ch. 13 - Modulation and Transmitters
November 25th	Ch. 14 - Receivers
December 2nd	Ch. 15 - Radio Frequency Interference and Legal Responsibilities

December 9th	Review of Chapters 9 – 15, and Quiz (cumulative)
December 11th (Saturday)	Write the EXAMINATION for a Basic Amateur Radio license

For those wishing to qualify for operation on CW (continuous wave) a special tutorial will be arranged to teach the use and enjoyment 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 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.