

## **GOOD SITES FOR BASIC QUALIFICATION CANDIDATES**

Information on the Internet comes and goes. The attached sites are currently up and running. View at your leisure.

The chapter references apply to the *Canadian Amateur Radio Basic Qualification Study Guide* from Coax Publications. Go to the following site for more information.

[www.coaxpublications.ca](http://www.coaxpublications.ca)

### **Chapter 2:**

- Atomic Theory:

<https://www.youtube.com/watch?v=8tB6RJX32uA>

- Conductors & Insulators:

<https://www.youtube.com/watch?v=F0vRnxMnu3c>

- Potential Difference:

<https://www.youtube.com/watch?v=Aq8QH8s6qyg>

### **Chapter 3:**

- Ohm's Law:

<https://www.youtube.com/watch?v=-jX3dezzMg&list=PLvT5IBm2vgr2f0DHnGNC9dtQdhG8j456i&index=10>

### **Chapter 4:**

- Inductance:

<https://www.youtube.com/watch?v=X2e9x104AnE>

- Capacitance:

<https://www.youtube.com/watch?v=Y6fJ9eYkR-c>

- Voltage/Current in Inductors and Capacitors:

[https://www.youtube.com/watch?annotation\\_id=annotation\\_42400&feature=iv&src\\_vid=hqhV50852jA&v=ykgmKOVkyW0](https://www.youtube.com/watch?annotation_id=annotation_42400&feature=iv&src_vid=hqhV50852jA&v=ykgmKOVkyW0)

- LC Resonant Circuits:

<https://www.youtube.com/watch?v=hqhV50852jA>

- Impedance:

<https://www.youtube.com/watch?v=zO7RZZW0wSQ>

## **Chapter 5:**

- Electromagnetic Spectrum:

<https://www.youtube.com/watch?v=m4t7gTmBK3g>

- Wavelength:

<https://www.youtube.com/watch?v=9UPnWfBYf28>

## **Chapter 6:**

- Antenna Fundamentals 1 - Propagation

[https://www.youtube.com/watch?feature=player\\_embedded&v=7bDyA5t1ldU#t=129](https://www.youtube.com/watch?feature=player_embedded&v=7bDyA5t1ldU#t=129)

- Propagation 101

<https://www.youtube.com/watch?v=yShIAI2kMZw>

## **Chapter 7:**

- Feedlines:

<https://www.youtube.com/watch?v=R8Bq3RptOU8>

## **Chapter 8:**

- Antenna Basics:

[https://www.youtube.com/watch?v=n8\\_iSL4xKj8](https://www.youtube.com/watch?v=n8_iSL4xKj8)

- Antenna Fundamentals - Directivity

<https://www.youtube.com/watch?v=md7GjQQ2YA0>

- Antenna Fundamentals - Bandwidth

[https://www.youtube.com/watch?feature=player\\_embedded&v=9iV\\_YICgifA#t=0](https://www.youtube.com/watch?feature=player_embedded&v=9iV_YICgifA#t=0)

## **Chapter 9:**

- Vacuum Tubes:

<https://www.youtube.com/watch?v=2eDb8ojvreo>

- PN Junction - Diodes:

[https://youtube.com/watch?v=ar7xDMR4P\\_U](https://youtube.com/watch?v=ar7xDMR4P_U)

- Bipolar Transistor:

<https://www.youtube.com/watch?v=9CrcRabTQ0s>

## **Chapter 14:**

- How a Crystal Set Works:

<https://www.youtube.com/watch?v=0-PParSmwtE>

- RF Mixers in Receivers:

<https://www.youtube.com/watch?v=Mm7WfVzr1ao>

**More Sites – Not Sorted:**

<http://www.slideshare.net/zl2al/presentations>

Please feel free to send along any other sites that might be useful. Our email address is:

[coaxpubs@gmail.com](mailto:coaxpubs@gmail.com)