



Basic Electricity – Unit Seven: Magnetism

Study Guide

In order to successfully complete this unit, complete the following tasks:

1. Review the course structure.
2. Watch: <https://www.youtube.com/watch?v=AgZHqfIBkUI>
Title: Magnetic Field of a Coil of Wire
Author: Jeff Regester
3. Watch: <https://www.youtube.com/watch?v=nPjAueJGdzA>
Title: How To Make An Electromagnet
Author: National MagLab
4. Watch: <https://www.youtube.com/watch?v=i3lGy3MjUhY>
Title: Solenoids and Relays
Author: ScienceOnline
5. Watch: <https://www.youtube.com/watch?v=hsoggQOoG4s>
Title: Solenoid Basics: Part One
Author: Jeri Ellsworth
6. Watch: <https://www.youtube.com/watch?v=85dIRfKlWm>
Title: Magnetic domains in an iron core
Author: t33chin
7. Complete the Lab (found in pdf file) on Constructing an Electromagnet.
8. Watch: <https://www.youtube.com/watch?v=O9uxu-kyX5Q>
Title: What is a Relay?
Author: GalcoTV
9. Watch: <https://www.youtube.com/watch?v=kt-4jvYvzI>
Title: How a Relay Works
Author: bluecylinder





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