



35007 – Level III Core *Basic Electronics*

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OUTLINE for Basic Electronics

- Basic Electronics Terminology
- Voltage
- Resistance in a Wire
 - Size of Wire
 - Length of Wire
 - Material
 - Operating Temperature
- Inductive Reactance
- Capacitive Reactance
- Gain in Decibels
- Antenna Calculations
 - Frequency
 - Wavelength
 - Standing Wave Ratio
 - Quarter-Wave Antenna

References:

Work Element 31006 – “Basic Electricity”

Work Element 32003 – “Basic Physical Science”

Hosts: Dave Craynon & Lisa Salzman

- Dave is a 42 year Sprinkler expert and holds NICET certifications in Automatic Sprinkler System Layout, Special Hazards Suppression Systems and Inspection and Testing of Water Based Systems.
- Lisa has over 20 years experience in the IT and Training fields and has a Master’s Degree in Computer Science

Live Webinar Presentation:

- Estimated Webinar Time: 60 minutes
- Internet Access and Phone Line Needed