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OUTLINE FOR BASIC ELECTRICITY

I) OHM'S LAW
- Current
- Voltage
- Resistance
- I = E/R (E divided by R)

II) DEFINITIONS
- Voltage/Electromotive Force (Volts)
  - Problem #1 & #2 review – Calculating voltage
- Resistance (Resistance of Wires)
- Series Circuit
  - Problem #3 review – Calculating resistance(series)
- Parallel Circuit
  - Problem #4 review – Calculating resistance (parallel)

III) KIRCHHOFF'S LAWS
- Kirchhoff's First Law
- Kirchhoff's Second Law
  - Problem #5 & #6 review – Calculating voltage drops (IR)
- Equivalent Circuits

IV) D.C. and A.C. Circuits
- DIODES USED AS RECTIFIERS
- STEP-UP OR STEP-DOWN TRANSFORMER

Hosts: Jim Newton & Lisa Salzman
- Jim is a 32 year Electrical Controls expert and holds a BS Degree in Electrical Engineering
- 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