

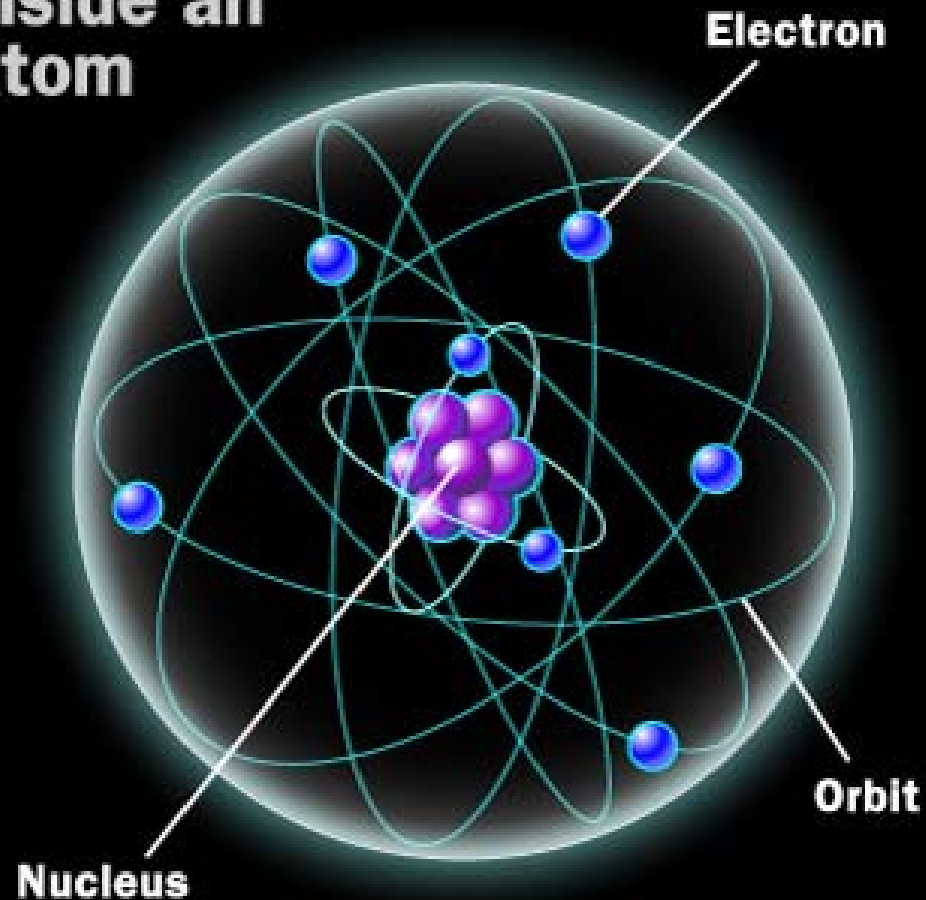
# Electricity and Electrical Engineering

College of Engineering  
University of Utah

# Anatomy of an Atom

- Protons
- Neutrons
- Electrons

**Inside an Atom**



What happens when you split an atom?



# Current



# Voltage



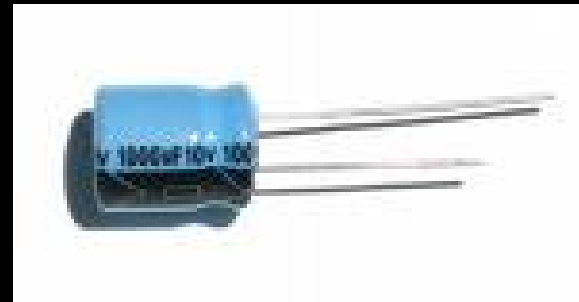
# Resistor



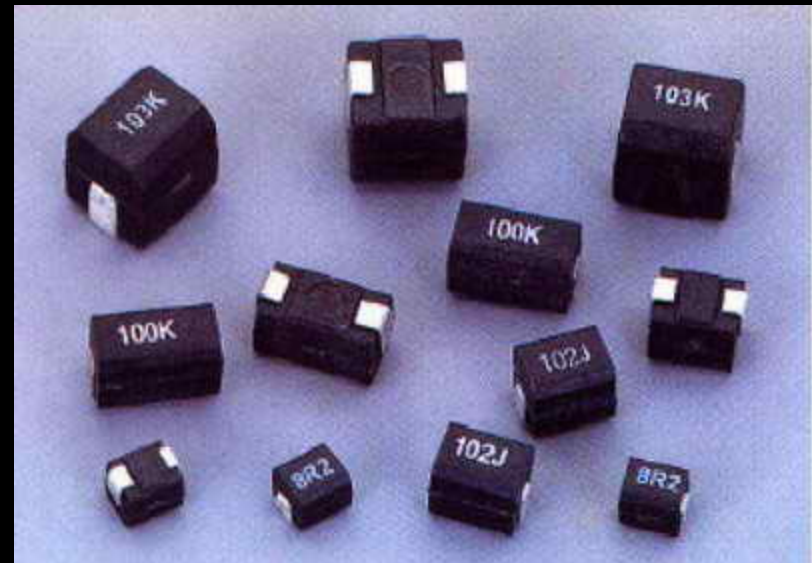
# Capacitor



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# Inductor



# Magnets and Electricity



# Power Plants



# Electrical Engineering

- One of the driving forces that power the high-tech industry.
- Uses mathematics, physics, and other sciences in the design of electrical devices and systems.

# Products of Electrical Engineering



# Famous Electrical Engineers



...who graduated from the University of Utah

# The College of Engineering

- Biomedical
- Chemical
- Civil
- Computer
- Electrical
- Materials Science
- Mechanical

