

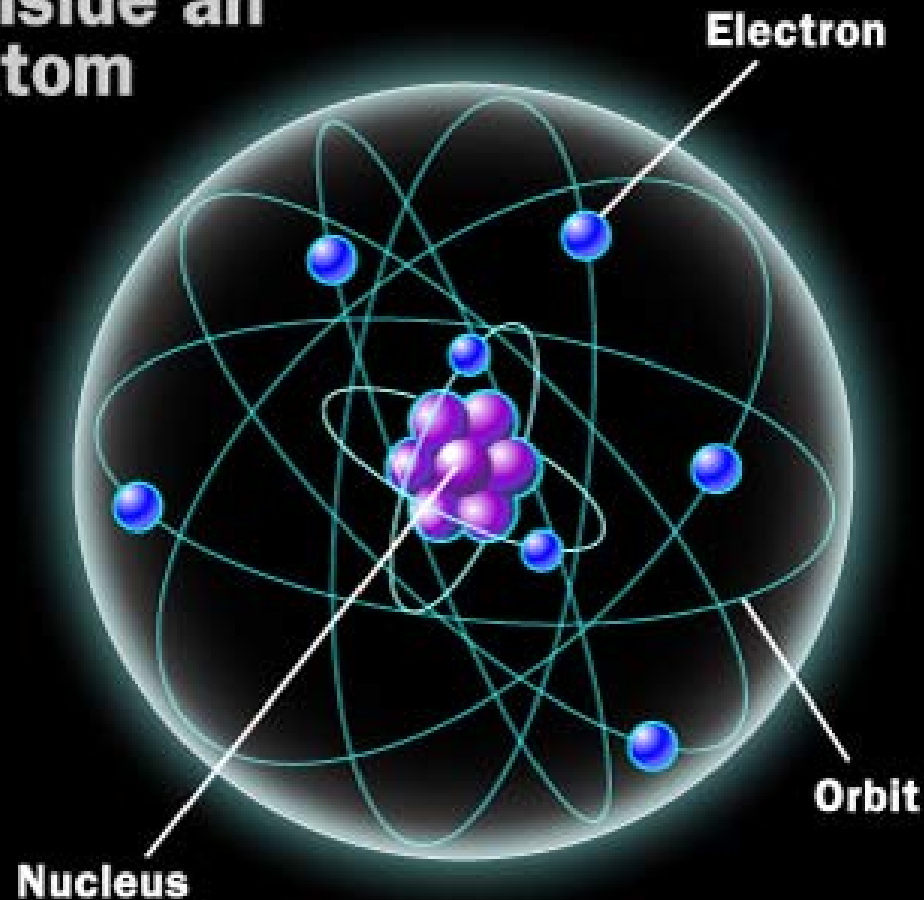
Electricity and Electrical Engineering

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



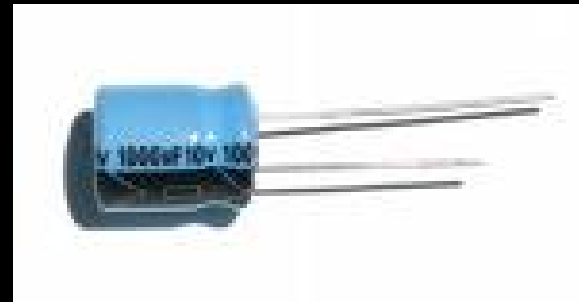
Resistor



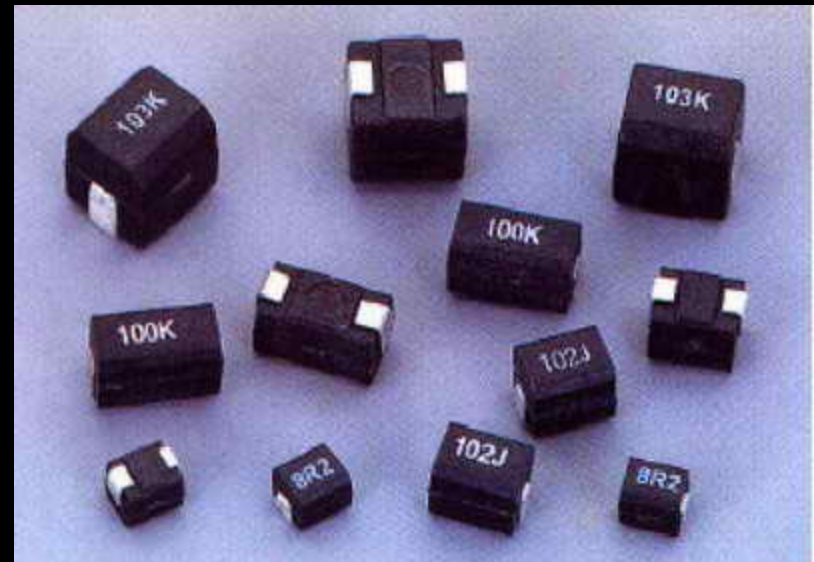
Capacitor



copyright 1999 philg@mit.edu



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



