

## Using a Digital Multimeter

A multimeter has the capability to measure many different quantities – usually voltage, current, resistance, and capacitance. These Dawson multimeters also measure temperature, sound intensity, light intensity, frequency and can test diodes. Using a battery, resistors and capacitors, we will explore some of these capabilities. We will not, however, test the current measurement capability because improper use of the current scales can blow a fuse or permanently damage a multimeter.

Here is a picture of the Dawson SDM101N meter that we have to practice on:

