We will be creating a map of electric potential between two diodes using a voltmeter. The experiment will use plain white paper, carbon paper, conductive paper and diodes, we will be comparing the negative electrodes to the positive electrodes. We will be connecting the power supply to the electrode’s setup on the different papers to draw our electric field and equipotential lines respectively. Once we set the negative to an arbitrary zero point with the Digital Multimeter tool, then we can measure the difference between the positive and negative electrodes and create a equipotential lines and the electric field around the point. We can get the average magnitude of the electric field by using Where is the potential between electrodes and E is the electric field, is the point charge test point.