

(EP202) Experiments in Electricity and Magnetism

Nov 2023 Version

Basic Information

Duration per session: 3 hours

Number of sessions: 4

Starting Date: After Nov 17 - 19, 2023. Contact us to arrange your starting date

Min Number of Student: 5. You may contact other interested student to register as a group.

Base Tuition: \$30.00 per hour

Material Fee: \$20.00 per session

Total Tuition: \$440.00

Session Outline

Session Number	Time (hours)	Activity
1	1.0	Theory of Electrostatics
	2.0	Sketch Equipotential Line
2	1.0	Theory of Magnetic Field in Matter
	2.0	Measure the Magnetic Field of a Permanent Magnet
3	1.0	Intro to Maxwell's Equations
	2.0	Measure Permeability of Free Space
4	1.0	Operating Principle of a DC Motor
	2.0	Building and Analyzing a DC Motor

Registration, Contact, and Payment

Registration: Send an email to info@scitechnia.org. Please include the student name, grade, workshop name (e.g. EP101), and desired date of start.

For Inquires: Please email info@scitechnia.org

Payment: e-Transfer to info@scitechnia.org.