Asynchronous Activity 1, Worksheet

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1 How to Submit this Worksheet

1. Download this PDF to your device.
2. Complete the procedure below.
3. Scan your document into a PDF using a Smartphone app, or simply a photo. One example app is SimpleScanner. Websites also exist to convert jpg to PDF format (e.g. `https://smallpdf.com/jpg-to-pdf`).
4. Upload your worksheet PDF to Moodle via the submission link.

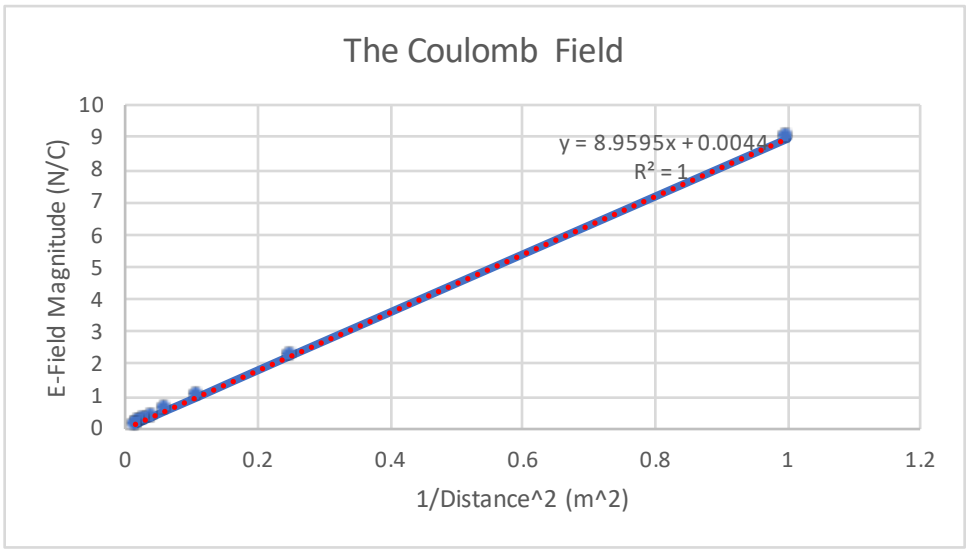
2 The Procedure

Repeat the procedure performed in the tutorial videos on Moodle: *Asynchronous Lesson 1, parts 1 and 2.* However, choose your own distances in the $\vec{E}$ vs. r calculation, and your own charge values in the $\vec{E}$ vs. q calculation. Graph your results below, and label the axes of the graphs with the correct units.

Data and Graphs attached below

-Kevin La

	1/Distance^2	E-Field (N/C)
1	1	8.96
2	0.25	2.26
3	0.11111111	1.00
4	0.0625	0.57
5	0.04	0.36
6	0.02777778	0.25
7	0.02040816	0.18
8	0.015625	0.14



Charge (nC)	E-Field (N/C)
2	2.88
4	5.75
6	8.62
8	11.5
10	14.4
12	17.2
14	20.1
16	22.9