PHYS 1220-02 Group Work Sheet
Electric field

1. A positive charge in space is far from other charges. Depict the electric field around it as field vectors at strategic locations.

2. A negative charge in space is far from other charges. Depict the electric field around it as field vectors at strategic locations.

3. Depict the electric field using field lines.

4. Depict the electric field using field lines.

5. Draw field lines to depict the electric field around these two particles with opposite charges.

6. Draw field lines to depict the electric field around these two particles with identical charges