1. Below are the voltage maps and equipotential lines for the 4 cases discussed. The streamlines/field lines that the students choose to draw will be varied. The only key rules: a) they must begin and end on charges, b) they must point from positive to negative voltage, c) they must always intersect the equipotential lines at a right angle. Make sure all equipotential lines are labeled as well.

(a) Graphs for the parallel plates:

(b) Graphs for the two line conductors:

(c) Graphs for the coaxial line:
(d) Graphs for the microstrip line: