

Recap of Today's Lecture

- Capacitance $C = Q/V$
- Parallel Plate: $C = \epsilon_0 A/d$
- Capacitors in parallel: $C_{\text{eq}} = C_1 + C_2$
- Capacitors in series: $1/C_{\text{eq}} = 1/C_1 + 1/C_2$
- Batteries provide fixed potential difference