

Capacitors in Series

- Connected end-to-end with NO other exits

- Same Charge: $Q_1 = Q_2 = Q_{eq}$

- Share Voltage: $V_1 + V_2 = V_{eq}$

- Equivalent C: $\frac{1}{C_{eq}} = \frac{1}{C_1} + \frac{1}{C_2}$ Add d – remember $C = \epsilon_0 A/d$

