

Presentation 5 – 100 points

1. Presentation – 70 points
2. Write up on other presentations – 10 points
3. Electric Circuit – 20 points (Due Monday) An electrical engineer has built a circuit with a capacitor and an inductor with initial charge 0, initial current 0, $C = 0.1$ and $L = 2.5$.
 - (a) If $E(t) = 0$ give the power series for the current – 15 points
 - (b) If $E(t) = \sin 2t$ give the power series for the current – 5 points