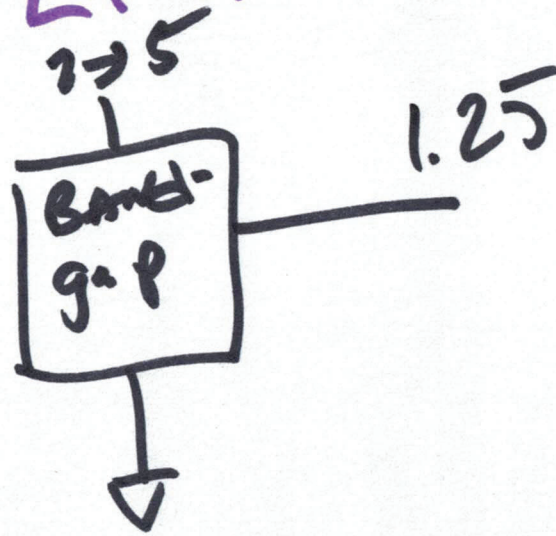
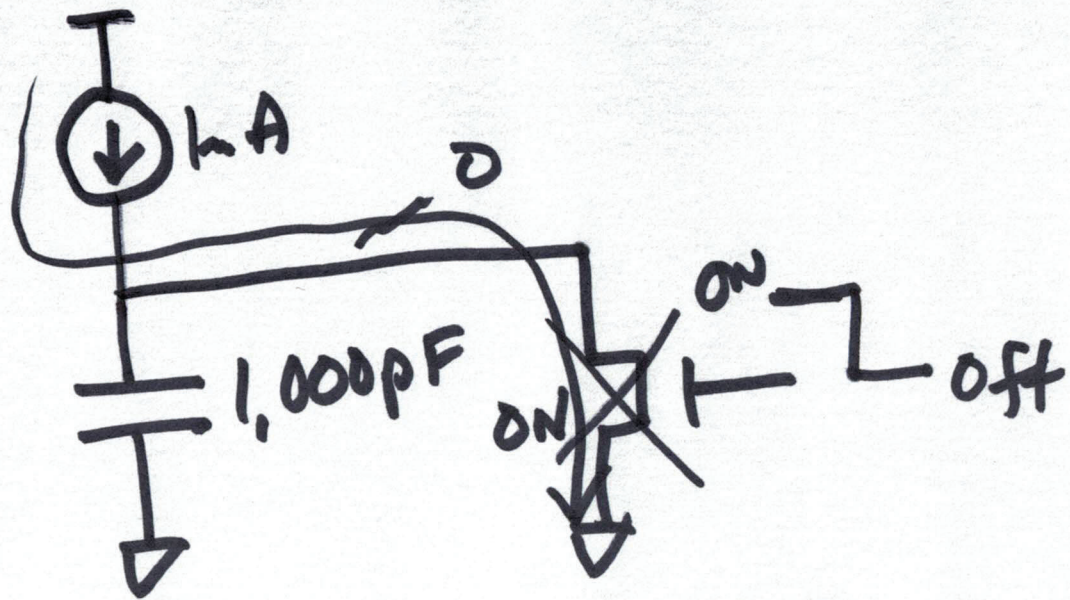


EE 442 / ECG 642  
Power Electronics  
OCT. 19, 2022

Lecture 14

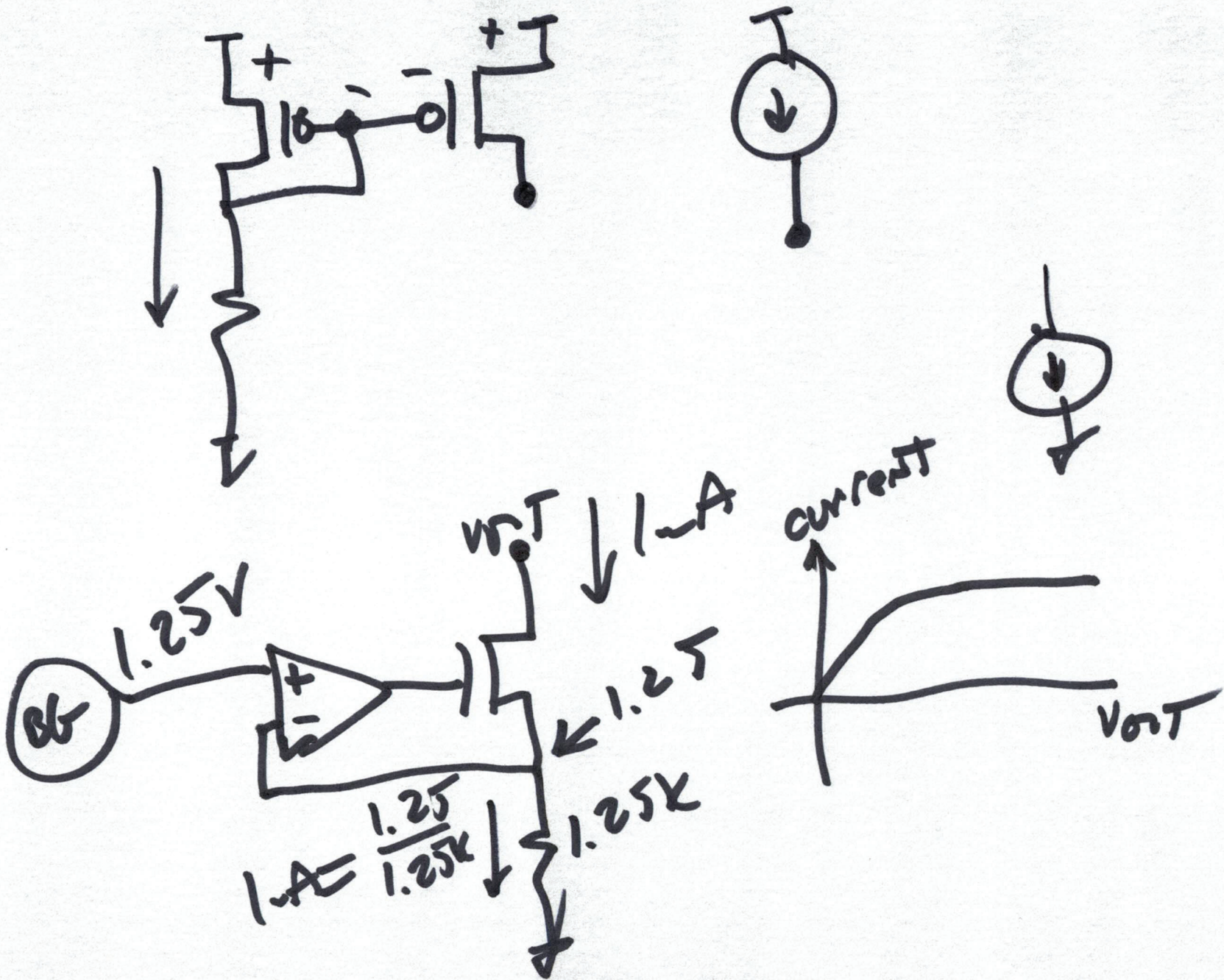




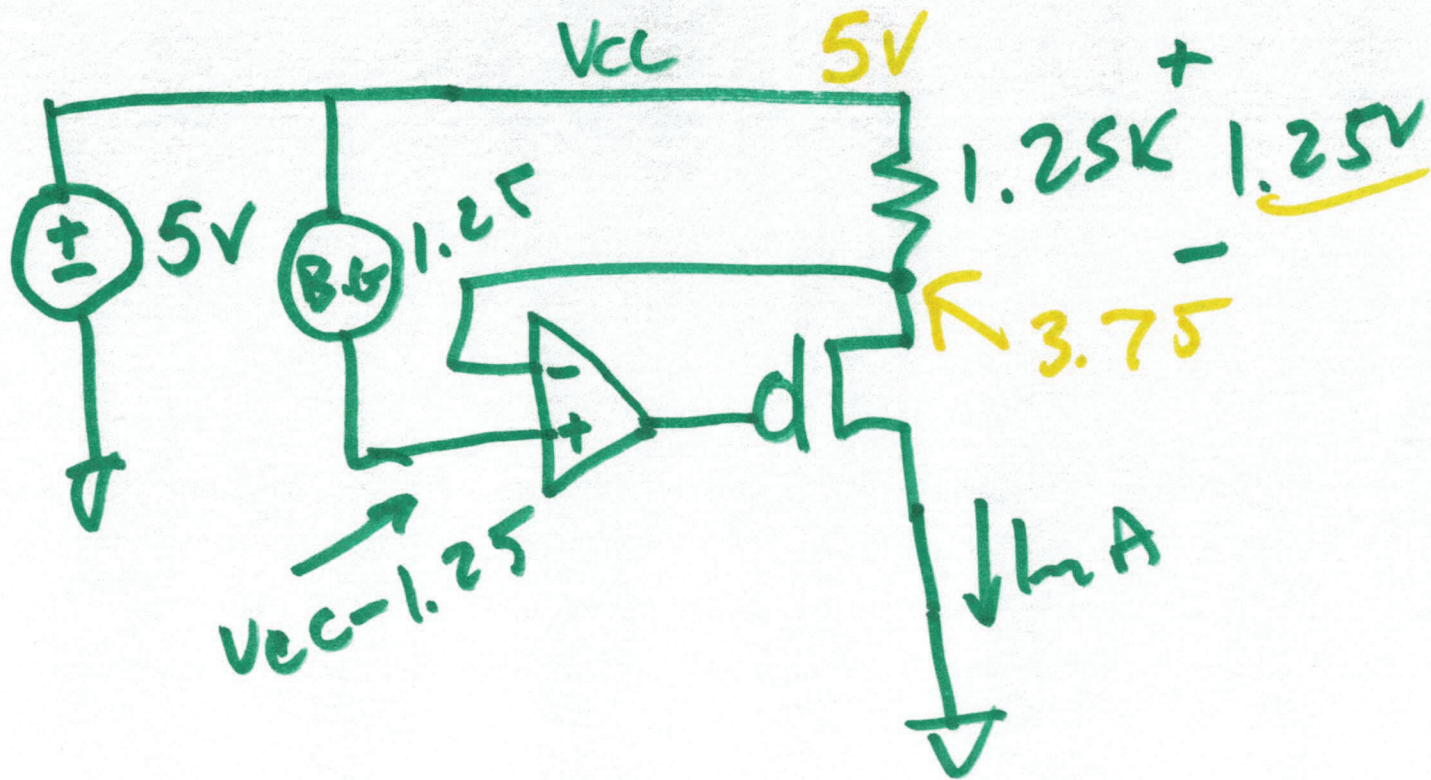
$$I = C \frac{dV}{dt} \rightarrow \frac{1\mu A}{1,000pF} = \frac{dV}{dt}$$

$$\frac{10^{-3}}{10^{-9}} = \frac{1}{10^{-6}} = \frac{1V}{1\mu s}$$

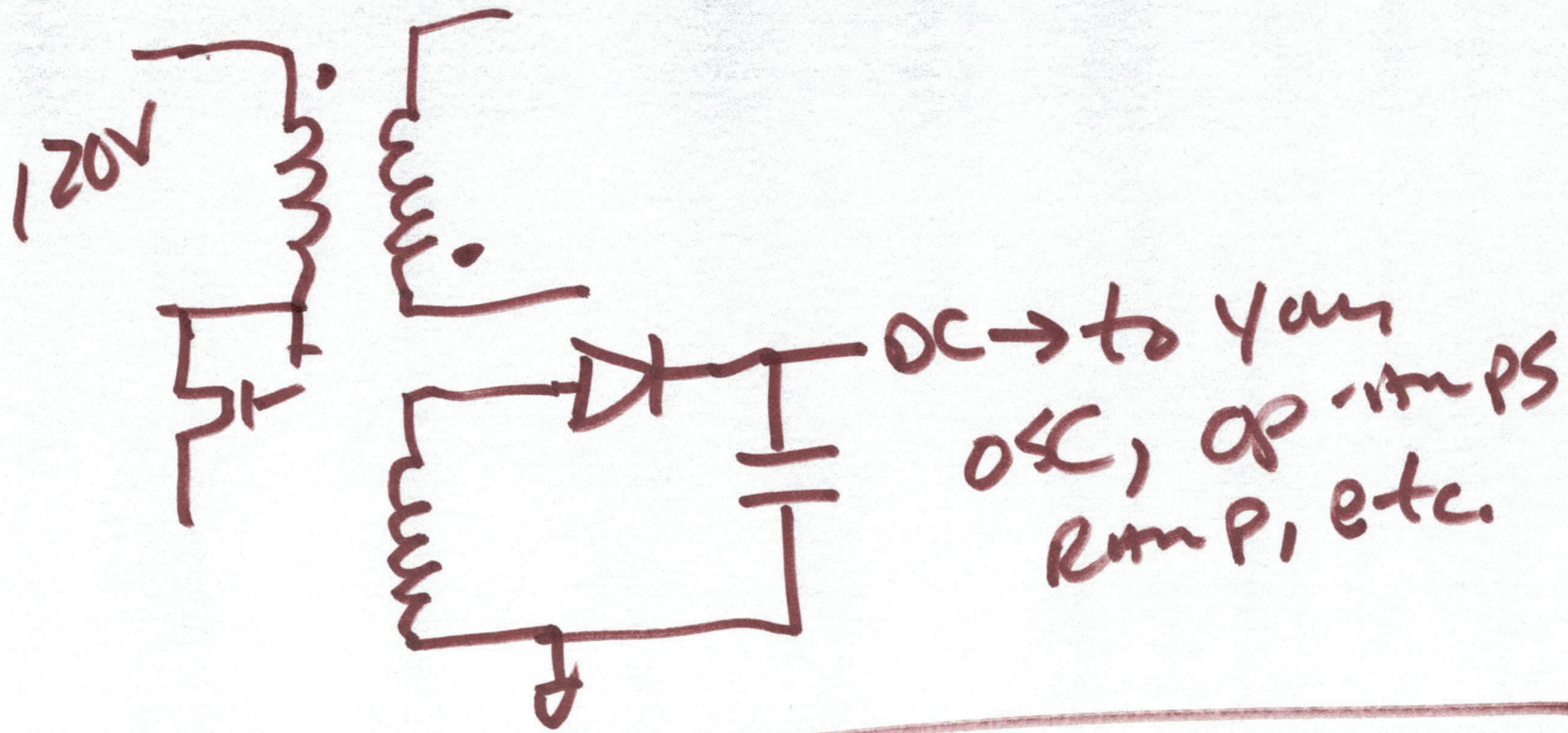
2)



3)



2)




---

DC SUPPLY

