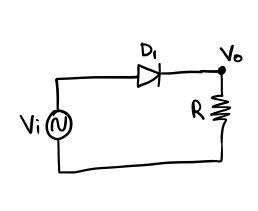
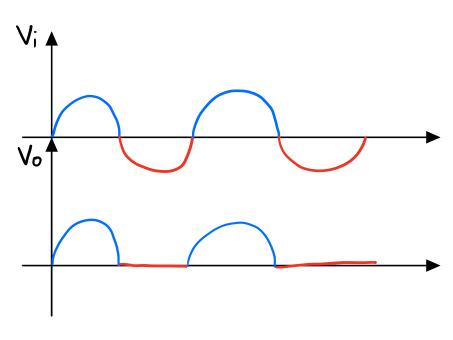
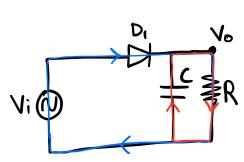
## Rectifiers (AC → DC)

## Single Phase Rectifier (Pune Resistive Load):





## Single Phase Reetifler W/Capacitor:



Regions of Operation:

- 1) Diode is Forward Biased
- 2) Diode is Reverse Blased RC Circuit, Capacitar Discharging
- 3) Capacitor is fully dischared Diode is Reverse Biased. No output

\*Note, a bigger Cop smooths
this out more (Less of a slope)
- Worth have a zero voltage region

