

Lab 8 – Sketchbook: Diodes

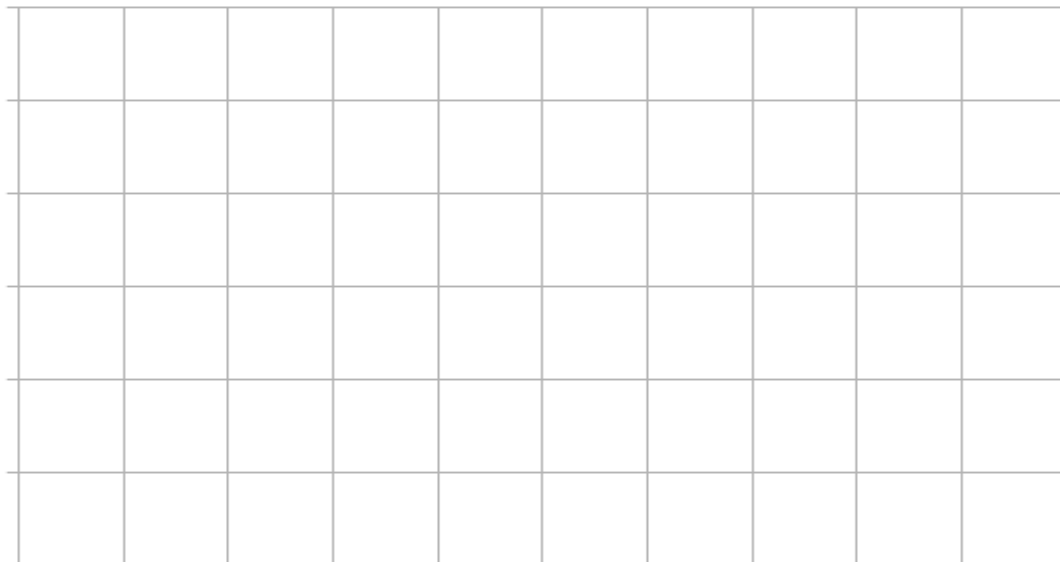
ECE203: Electrical Circuits II

Name	Student ID	CCID

Half-wave Diode Rectifier

Waveforms – Conduction Angle

Clearly sketch two cycles of the relevant half-wave conduction angle waveforms using cursors to indicate the relevant quantities you measured. Make sure to add axes titles, labels, units, and the relevant measured values to the plot below.



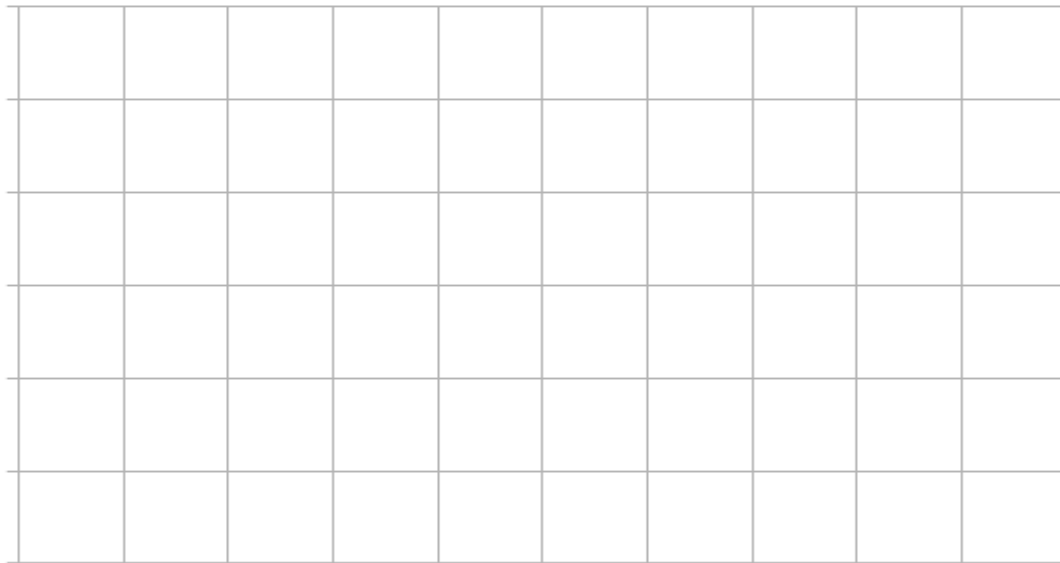
Calculation - Conduction Angle

Show your work in the space provide the calculation of the half-wave diode rectifiers conduction angle.

Full-wave Diode Rectifier

Waveforms - *Conduction Angle*

Clearly sketch two cycles of the relevant full-wave conduction angle waveforms using cursors to indicate the relevant quantities you measured. Make sure to add axes titles, labels, units, and the relevant measured values to the plot below.



Calculation - *Conduction Angle*

Show your work in the space provide the calculation of the full-wave diode rectifiers conduction angle.