

Table 2: ECE 230L Laboratory 3 Grading Rubric

Criteria	Points Possible
Characterization of Silicon PN-Junction Diode	15
Circuit Diagram (all components labeled)	1
Fraction of V_S across R3 and the diode	2
Knee Voltage	2
Plot of V_{DC} vs. I	5
Plot of V_{DC} vs. V_{PN}	5
Question 1	10
Question 2	10
Question 3	10
Question 4	10
Question 5	10
Exploration	28
Half-Wave Rectifier	14
Bridge Rectifier	14
Extension	7
Total	100