ECE230L Duke University

Table 2: ECE 230L Laboratory 2 Grading Rubric

Criteria	Points Possible
Pre-Lab	15
Sheet resistances (x 3) reported	5
Sample thicknesses (x 3) reported	5
Resistivities calculated (x 3)	5
Determining Carrier Concentration for Resistivity Data	10
Data set	10
Plot of Resistivity vs. Impurity Concentration (Irwin curve)	45
Plot	10
Curve-fit	10
\pm error range specified	10
Justification for error range	15
Estimating expected Resistivity given Carrier Concentration	15
Range of resistivities specified	15
Device Performance based on Doping and Sample Data	15
Current range specified from data	15
Total	100