

Table 2: ECE 230L Laboratory 2 Grading Rubric

Criteria	Points Possible
<b>Determining Carrier Concentration for Resistivity Data</b>	<b>10</b>
Data set	10
<b>Plot of Resistivity vs. Impurity Concentration (Irwin curve)</b>	<b>50</b>
Plot	10
Curve-fit	10
$\pm$ error range specified	15
Justification for error range	15
<b>Estimating expected Resistivity given Carrier Concentration</b>	<b>20</b>
Range of resistivities specified	15
<b>Device Performance based on Doping and Sample Data</b>	<b>20</b>
Current range specified from data	15
<b>Total</b>	<b>100</b>