

PCS224 - Semiconductor Diode - Rubric			
Presentation & Structure			
Report is neatly written, well organized	/		3.0
well formatted, and includes cover page			
Introduction, Theory, Procedure well written	/		5.0
Data			
Three temperatures recorded with uncertainty	/		1.0
Data tables of Voltage and Current for 3 Temperatures	/		2.0
Units and uncertainty in table	/		1.0
Analysis			
Data plotted to display linear relationship	/		2.0
Units and labels on axes	/		1.0
3 linear trendlines plotted with equations noted	/		1.0
kB, I ₀ calculated correctly including uncertainty	/		2.0
Quantitative comparison with accepted kB	/		1.0
Discussion and Conclusion			
Results summarized and concluding statements made	/		2.0
Wrap Up Questions			
#1	/		1.0
#2	/		1.0
#3	/		1.0
Total	/		24.0