

## EE160 Lab Report Rubric

CATEGORY	Very good	Average	Below average	Poor
<b>Introduction</b>  <b>10%</b>	Introduction clearly states the purpose of the lab and explicitly states the variables studied – <b>10%</b>	Introduction states the purpose of the lab and the variables to be studied – <b>8%</b>	Introduction states the purpose of the lab, but not the variables to be studied – <b>5%</b>	There is no introduction – <b>0%</b>
<b>Theory</b>  <b>10%</b>	Relationship between variables and predicted results is clear and reasonable based on what has been studied – <b>10%</b>	Relationship between variables and predicted results is reasonable based on general knowledge and observations – <b>8%</b>	Relationship between variables and predicted results has been stated, but appears to be based on flawed logic – <b>5%</b>	No relationship has been stated – <b>0%</b>
<b>Data</b>  <b>40%</b>	Professional looking and accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled. Drawings are included as necessary and are well labeled – <b>40%</b>	Accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled. Drawings are included when necessary – <b>32%</b>	Accurate representation of the data in written form, but no graphs or tables are presented – <b>20%</b>	Data are not shown OR are inaccurate – <b>10%</b>
<b>Analysis</b>  <b>30%</b>	Relationship between variables is discussed and trends/patterns logically analyzed. Predictions are made about what might happen if part of the lab were changed or how the experimental design could be changed – <b>30%</b>	Relationship between variables is discussed and trends/patterns logically analyzed – <b>24%</b>	Relationship between variables is discussed but no patterns, trends or predictions are made based on the data- <b>15%</b>	Relationship between the variables is not discussed – <b>0%</b>
<b>Conclusion</b>  <b>10%</b>	Conclusion includes whether the findings supported the hypothesis, possible sources of error, and what was learned from the experiment – <b>10%</b>	Conclusion includes whether the findings supported the hypothesis and what was learned from the experiment – <b>8%</b>	Conclusion includes what was learned from the experiment – <b>5%</b>	No conclusion was included in the report OR shows little effort and reflection – <b>0%</b>