### University of Arizona

# Materials Science and Engineering

## MSE 110: Solid State Chemistry

##### Full Lab Title

Date Performed: September 6, 2022

Date Submitted:

##### Cieran Wong

#### Lab Title

**Introduction (2.0 Points)**

In your own words, describe the purpose of the experiment and the theory supporting the study. This section should be a few paragraphs long.

###### Experimental Procedure (2.0 Points)

In your own words, describe the procedure used. Include figures as necessary.

###### Experimental Results (2.5 Points)

This section should include all data collected. Units should be included with all measurements. Graphs should have well labeled axes and use appropriate scales. All calculations performed to get the final result should be detailed here.

###### Discussion and Conclusions (3.0 Points)

This section should restate the final result of the experiment and a comparison should be made between the experimental and theoretical results. Sources of error should be discussed here.

* 1 point for summary and implications – why is the data important, what does it imply?
* 1 point for comparison between control or other known data – actual vs. experimental
* 1 point for summary and explanation of error – “Human error” is not an explanation of where error occurred in the experiment and is worth 0 point without an explanation.