

Section _____

TA _____

MSE 170 Lab V: Mechanical Testing Presentation Grading

Component _____

Group Members _____

_____ (10) Introduction

Introduction of Component, Group Members, Criteria, and Conclusion

_____ (10) Criteria

Criteria applicable to component, clear reason for choosing criteria, specific values or range or values given.

_____ (10) Experimental Results

Clear graphs from Instron Data, Explain Stress and Strain Curve, Calculate values correctly

_____ (10) Research Results

Reference results from a reputable source. Correct values given. Clear presentation

_____ (10) Microstructures

Micro structure pictures present. Understanding of bonding, crystal structure, microstructure and how they relate to properties. Understanding of different size scales and the magnitude of different effects.

_____ (10) Conclusion

Derived from Experimental and Research Results. Relate Conclusion to component choice.

_____ (10) Oral Presentation

Clarity, organization, flow. Volume and Eye contact. Polish. All members contribute about equally.

_____ (10) Visual Presentation

Power Point slides are easy to see and follow. No typos, units included with values. All graphs labeled. Animation used sparingly, if at all.

_____ (10) Time

Presentation under 10 minutes

_____ (10) Ability to answer questions

Clarify question before answering. Use reasoning to work through difficulty. Admits lack of knowledge instead of providing incorrect answer

_____ **(100) TOTAL**

Comments: