

8.13/8.14 – Oral Exam Grade Sheet

Date:

Student:

Experiment:

Examiner:

Each section is graded on a 1-10 scale with an '8' being a good solid performance. Higher grades can be earned by going 'beyond' the labguide or by exhibiting exceptional laboratory technique. No letter grades are assigned until the end of the term, permitting the balancing of numerical grades given in each section.

Motivation and Theory: 15%

explains fundamentals, avoids long derivations, expresses critical relationships

Understanding of Experiment and Raw Data: 35%

shows and discusses apparatus and calibrations, describes equipment & signal chain, gives primary data and reduced data graphics

Data analysis, Error Analysis, Interpretation and Conclusions: 35%

shows how δY is derived, discusses systematic and random uncertainties, compares results to known values

Presentation Quality: 15%

uses visual aides, message is clear, shows good pacing, provides clear and flowing narrative.

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8.13-14 Experimental Physics I & II "Junior Lab"
Fall 2016 - Spring 2017

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