MIT OpenCourseWare
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8.13-14 Experimental Physics I & II "Junior Lab"
Fall 2007 - Spring 2008

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: 30%

fundamentals, no long derivations, critical relationships expressed,

Understanding of Experiment and Quality of Data: 40%

Show & discuss apparatus, calibrations, gives primary data and reduced data graphics.

Error Analysis, Interpretation and Conclusions: 20%

Shows how δY is derived, discusses systematics and random uncertainties, compares results to known values.

Presentation Quality: 10%

Timing ok, message clear, smoothly flowing narrative.

DELIVERY:

Loudness and articulation:	Poor 1 2 3 4 Excellent
Rate and Timing:	Poor 1 2 3 4 Excellent
Spontaneity:	Poor 1 2 3 4 Excellent
Eye contact and expression:	Poor 1 2 3 4 Excellent
Posture and Gestures:	Poor 1 2 3 4 Excellent
Professionalism:	Poor 1 2 3 4 Excellent
Visual Aids:	Poor 1 2 3 4 Excellent

Individual Slide Notes

Descriptive titles, appropriate font sizes, balance of graphics and text, plots clear and well labeled, uses significant digits?

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