

KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
DEPARTMENT OF PHYSICS
PHYS 102 (LAB)
SPRING SESSION 2008-2009 (TERM 082)

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Supplies: Students must bring the lab manual, Lab notebook, pencil, ruler, eraser and calculator of their own. Students without these supplies will not be allowed to do the experiment.

Attendance: Attending the lab session is compulsory

If and when the total number of unexcused absences reaches three (3) or unexcused and/or excused absences reaches five (5), a grade of "DN" will be assigned for the course.

A student absent from a lab session and who submits an official excuse will be allowed to make up the associated experiment, if possible.

A student cannot make up a lab with another section without a written request to that effect from his own lab instructor.

Grading Policy: The Lab. Work comprises 20% of the total score for the course. (Section average 14/20)

The Lab grade will be based on following:

Lab. Reports = 50 %

Quizzes = 25 %

Final Exam = 25%

Lab Report Format: Name of the experiment, Purpose, Theory, Data & constants, Data Analysis, Percentage difference, Results & Conclusion, Exercises

Structure of the graph: Title, Origin, Scale, Label & mark the axes, Circle the data points, Write coordinates of the points chosen for the calculation of slope.

Important points while plotting a graph: Always choose the best scale that makes it easier to plot the data but at the same time gives a graph as big as possible. Never choose data points for the calculation of slope. Choose any other two points on the line. The two points should be as far as possible from each other.