

COURSE SYLLABUS

I. CATALOG DESCRIPTION

PHYS 122 Physics II Laboratory

0c-3l-1cr

Corequisite: PHYS 112

Physics laboratory at level of Physics II; exercises in optics, electricity and magnetism, and radioactivity.

II. COURSE OBJECTIVES

1) Students will demonstrate laboratory techniques such as graphing, error analysis and data

13. Spectroscopic analysis of atomic emission spectra

14. Optical phenomena

IV. EVALUATION METHODS

The final grade for the course will be determined as follows:

50% laboratory reports

40% weekly quizzes or pre-lab questions

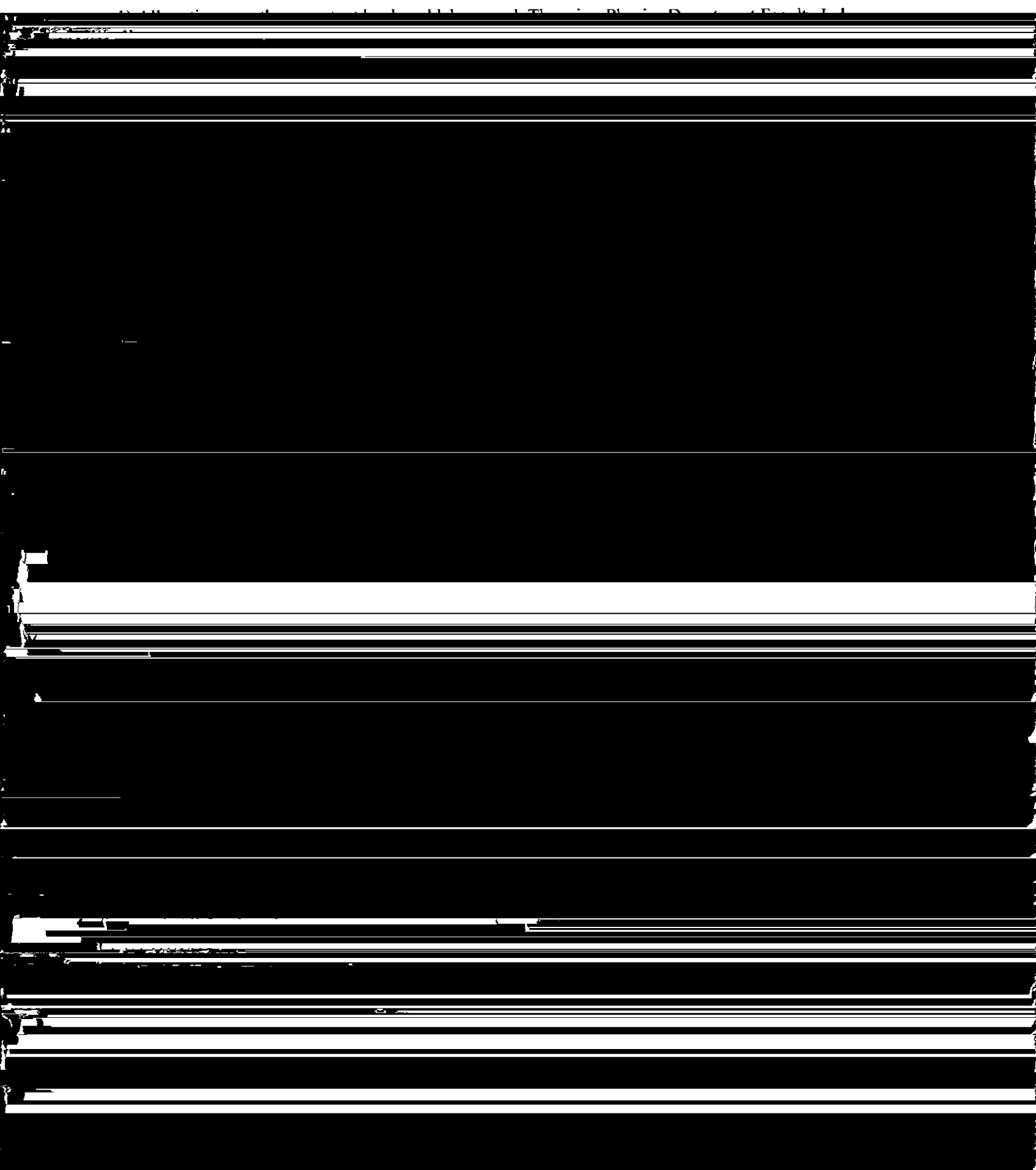
10% subjective evaluation – based upon interest and personal involvement in the laboratory experience.

V. GRADING SCALE

Score			Grade
100 %	to	90%	A
89%	to	80%	B
79%	to	70%	C
69%	to	60%	D
Less than		60%	F

Liberal Studies Course Approval General Information
On a separate sheet of paper, please answer these questions

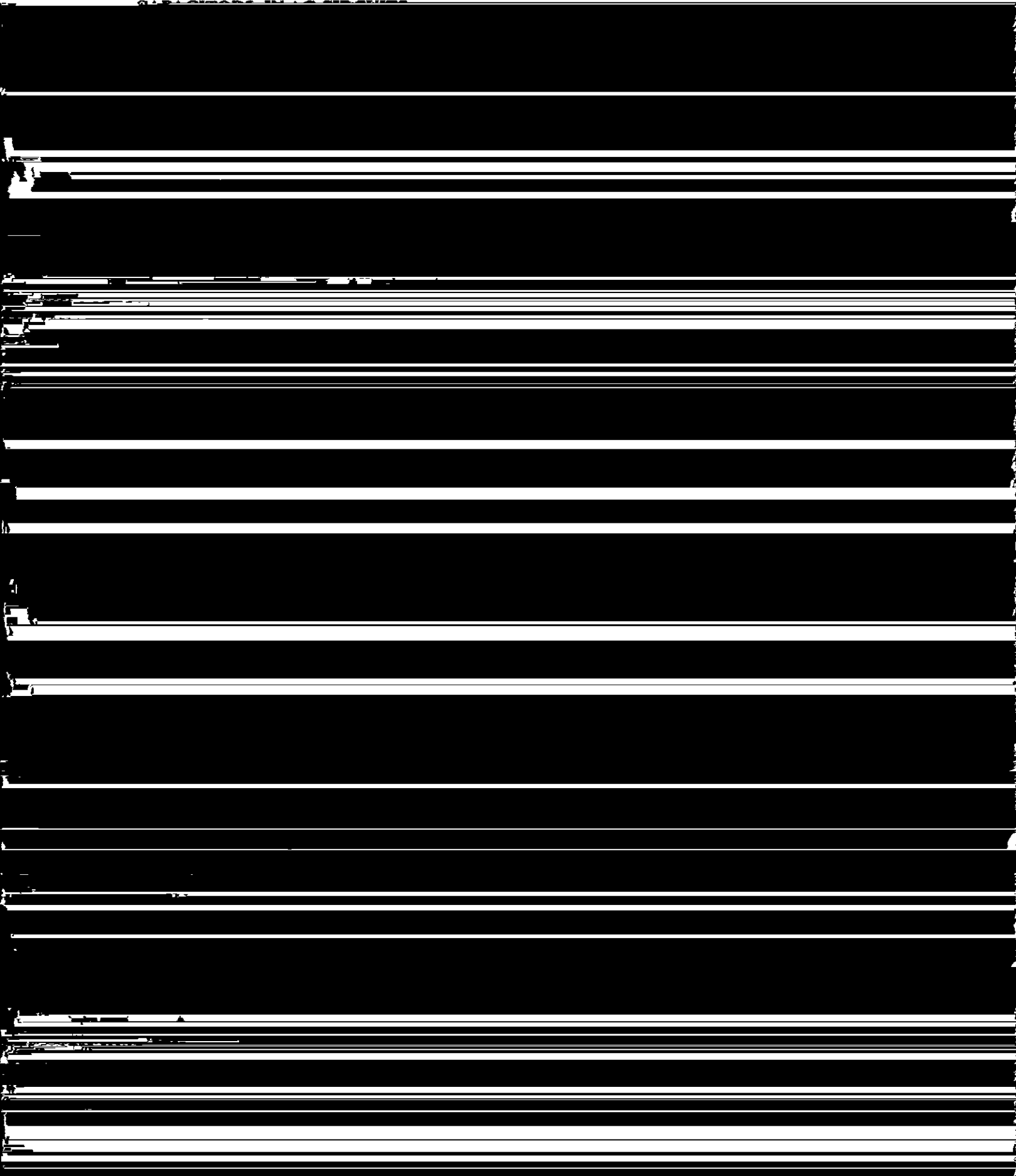
(Do not include this sheet or copies of the questions in your proposal; submit only the answers)



Sample Assessment

Scoring rubric - each correct answer is worth one point, for a total of eight points.

QUESTIONS IN ANSWERS



Old COURSE SYLLABUS

CATALOG DESCRIPTION

PHYS 122 / PHYS 142 Physics I Laboratory

1 credit
3 lab hours
0c-11-1cr

Corequisite: ·PHYS 112 / PHYS 132

Physics laboratory at the level of Physics I; exercises in mechanics, wave motion, and sound.

II. COURSE OBJECTIVES

Basic training in laboratory techniques such as graphing, error analysis, etc.

III. COURSE OUTLINE

Laboratory exercises (one experiment each week)

