

PHYS 21L Course Outline as of Fall 2021**CATALOG INFORMATION**

Dept and Nbr: PHYS 21L Title: GENERAL PHYSICS LAB II
 Full Title: General Physics Lab Part II
 Last Reviewed: 2/25/2019

Units	Course Hours per Week	Nbr of Weeks	Course Hours Total
Maximum	1.00	Lecture Scheduled 0	Lecture Scheduled 17.5
Minimum	1.00	Lab Scheduled 3.00	Lab Scheduled 8
		Contact DHR 0	Contact DHR 0
		Contact Total 3.00	Contact Total 52.50
		Non-contact DHR 0	Non-contact DHR 0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 52.50

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: PHYS 3B

Catalog Description:

Lab experiments to accompany Physics 21.

Prerequisites/Corequisites:

Course Completion of PHYS 20L; AND Course Completion or Current Enrollment in PHYS 21

Recommended Preparation:**Limits on Enrollment:****Schedule of Classes Information:**

Description: Lab experiments to accompany Physics 21. (Grade or P/NP)

Prerequisites/Corequisites: Course Completion of PHYS 20L; AND Course Completion or Current Enrollment in PHYS 21

Recommended:

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

6. Inductance, capacitance and resonance
7. Images formation
8. Microscopes and telescopes
9. Analysis of light by a spectroscope
10. Radioactive decay and the inverse square law of radiation

Assignment:

1. Laboratory experiments and reports (12 - 16)
2. Quizzes (0 - 10)
3. Final exam

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Lab reports	Writing 60 - 90%
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Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None	Problem solving 0 - 0%
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Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%
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Exams: All forms of formal testing, other than skill performance exams.

Quizzes and final exam	Exams 10 - 40%
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Other: Includes any assessment tools that do not logically fit into the above categories.

None	Other Category 0 - 0%
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Representative Textbooks and Materials:

Instructor prepared lab manual