PHYS 3704L - Modern Physics Laboratory

Fall 2026 Syllabus, Section 01, CRN 43034,

Credit hours: 1

Instructor

Michael Crescimanno

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Public Instructor Information

Instructor Title: Professor of Physics
Instructor Professional Qualifications: Physics Ph. D. (U. C. Berkeley, 1991), MSc Physics ((U. C. Berkeley, 1988), BS Physics (Princeton, 1985)
Instructor Office Location: Ward Beecher 2015
Instructor Office Phone: 330 941 7109

Course Description

3704L. Modern Physics Laboratory. Experimental work designed to supplement PHYS 3704. Three hours per week. Prereq. or concurrent: PHYS 3704. 1 s.h.

Course Readings

Group	Title	Author	ISBN
	Physics for Scientists and Engineers, 9th Ed.,	R. A. Serway and J. W. Jewett	10 1-113-95408-1

Physics for Scientists and Engineers, 9th Ed.,
by R. A. Serway and J. W. Jewett, a Brooks-Cole Publication, ISBN-10 1-113-95408-1, Chapters 23-39

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24		Muon Energies in Cosmic Rays	
8/31		Speed of light	
9/7		Decay of In115	
9/14		Photoelectric effect	

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.