

Introduction to Physics Course Syllabus

Textbook

Our sole text for this course will be <u>Introduction to Physics</u>, <u>Second Edition</u>, authored by the instructor.

Course Objectives

- To offer students exposure to basic principles of Physics
- To provide students with rich, thought-provoking discussions during laboratory sessions
- To provide students with experiential learning opportunities during laboratory sessions

Class Schedule

Week	Topic	Reading Assignment		
1	Course Introduction	Chapter 1		
2	Inertia, equilibrium, kinematics	matics Chapters 2-3		
3	Newton's laws, vectors,	Chapters 4-7		
	momentum, energy			
4	Matter, elasticity, scaling	sticity, scaling Chapters 8-10		
5	Wave kinematics, sound,	Chapters 11-15		
	electricity, magnetism,			
	induction			
6	Light, reflection and refraction,	Chapters 15-18		
	emission			
7	Review, final exam			

Grades

Grades will be assigned on a ten-point scale (90 to 100 is an A, 80 to 89 is a B, etc.). Homework, exams, and projects will be weighted as follows:

Homework	Exams		Projects			
	1	2	Final	1	2	Final
15%	15%	15%	20%	10%	10%	15%

Ce programme est également disponible en français sur demande.