

Syllabus
Frontiers in Physics, PHY 107
MW 3:00-3:50pm (8 weeks)
Fall 2016

Instructor:	Dr. Allison Harris Office: Moulton Hall 312C Telephone: 309-438-5246 Email: alharri@ilstu.edu Office Hours: Monday, Wednesday 9-10am Tuesday, Thursday 2-3pm, or by appointment
Course Description and Objectives:	An introduction to the disciplines of physics and engineering and to selected topics in those fields.
Textbook:	None
Mathematica:	Mathematica is required for this course. Students may install a free copy from http://techzone.illinoisstate.edu/department/software/mathematica/ . Further instructions will be provided in class. You will need Mathematica installed by the second week of class.
Course Components:	
Homework:	Will be assigned regularly. You may be required to complete some assignments during the class period, while others may be completed outside of class. No late assignments will be accepted, however, the lowest homework score will be dropped to account for any unforeseen absences.
Project:	Much of the content of this class will be covered within the context of a group project. While the work will be done in groups, each student must submit their own project report. Additional details and dates for the project will be given during class.
Exams:	There will be a final exam on October 12, 2015 . You must be present to take the exam. Early or makeup exams will be given with a 25% penalty.
Attendance:	Regular and punctual attendance is expected during every class meeting. There may be in-class activities that count for a grade. These activities cannot be made-up. You are

responsible for material missed in your absence, and lecture notes must be obtained from a classmate. The use of cell phones (talking, texting, etc.) during class will not be allowed. Cell phones must remain in your pocket or bag, and must be on silent or powered off during class.

Grading:	Homework	45%
	Project Report	30%
	Final Exam	25%

Final letter grades will be based on the following:

89.5 – 100	A
79.5 – 89.4	B
69.5 – 79.4	C
59.5 – 69.4	D
< 59.5	F

Plagiarism and Cheating: Academic integrity is an important part of this University and this course. Students are expected to be honest in all academic work, and a student's placement of his or her name on any academic exercise shall be regarded as assurance that the work is the result of the student's own thought, effort, and study. Students who have questions regarding issues of academic dishonesty should refer to the Code of Student Conduct, B1, which outlines unacceptable behaviors in academic matters. In certain circumstances (such as cheating or plagiarism), I may be required to refer a student to Community Rights and Responsibilities for a violation of Illinois State University's Code of Student Conduct.

Students with Disabilities: Any student needing to arrange a reasonable accommodation for a documented disability should contact Student Access and Accommodation Services at 350 Fell Hall, 309-438-5853, StudentAccess.IllinoisState.edu.