

Course Syllabus: PHYS 1100.001

Course Information

<i>Course Number/Section</i>	PHYS 1100.001
<i>Course Title</i>	The Fun of Physics
<i>Semester</i>	Fall 2016
<i>Day/time</i>	Mon 11:00 –12:15
<i>Room Location</i>	JSOM 1.117

Professor Contact Information

<i>Professor</i>	Dr Lindsay J. King
<i>Office Phone</i>	972-883-6743
<i>Email</i>	lindsay.king@utdallas.edu
<i>Office Location</i>	PHY 1.910
<i>Office Hours</i>	Mon 9:30-10:30 by appointment

Course Description

- The purpose of this class is to introduce students to the research that is going on at the Physics Department in UTD, to introduce them to faculty and other researchers in the Department, and in doing so to inform students about what it means to be a physicist.
- The first class will give an outline of the course, and introductions of students in the class will be made to encourage camaraderie and to facilitate student discussions after class.
- During each subsequent class, one of the UTD physics faculty or researchers will describe the research that he/she is doing. These presentations will cover diverse topics in experimental and theoretical physics research. Cutting-edge physics research on scales ranging from the smallest constituents of matter to the largest structures in the Universe will be presented.
- One class will be dedicated to presentations from senior students who have been doing undergraduate research in REUs and other programs, as well as at UTD.
- There will be no homework or class assignments. A couple of professors may ask for a little preparation work to be done before their class.

Student Learning Objectives and Outcomes

- An objective of this course is that the student receives an introduction to a variety of topics in the subject of physics, and an introduction to the Physics Department of UTD.
- Since many students are aspiring to be physics majors, an outcome of this course is that they will learn something about different areas of physics, and hence get an insight into what exactly it is that physicists do.
- Questions are greatly encouraged!

Academic Calendar

Class commences on August 22nd, and takes place every Monday through the end of semester, apart from when the University is closed. There will be no class on Labor Day (September 5th) or during the Fall Break (November 21st).

A list of presenters for the class will be available on the website for this class on eLearning.

Please check eLearning regularly for any announcements about the class.

Grading Policy

This course is graded on a credit – no credit basis. If you have more than two unexcused absences, you will not receive credit for the course. Credit for the class is based on attendance.

There will be a sign-up sheet for each class on which you must print and sign your name and write down the last 5 digits of your student ID number, not your social security number!

You may also have to show your ID card to the instructor.

Course and Instructor Policies

In order to be excused from class, you must email Dr Lindsay King Lindsay.king@utdallas.edu prior to the class, giving a valid reason for your absence. This needs to be followed up by a written excuse signed by your doctor, employer, or other responsible person. This must be given to Dr King within two weeks of your absence. Otherwise your absence will be counted as unexcused.

Cell phones and pagers are to be turned off during class time, unless you are in an emergency response team or have prior approval of the instructor. No cell phone calls, no texting and no Pokémon catching! Cell phone usage will be considered a disruption of class. Laptops, tablets etc. are NOT to be used during class. Keep them closed and off your desk.

Listen to the presentations and please ask questions!

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus. Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.