Phys 4000/6000: Physics Seminar
Syllabus.
January 23, 2012

Instructor: Dr. Chad Fertig
Office: Physics 211
Phone: 706-542-4007
E-mail: cfertig@uga.edu

Times and Locations:
Thursdays, Physics Building, Room 202

Course Goals:
This course is designed to help you gather information from scientific colloquia. The course utilizes the Physics and Astronomy colloquium series presented by researchers in various subtopics of physics, astronomy, and related fields. Our fall lineup of colloquia covers a vast array of topics. The current schedule can be found at www.physast.uga.edu/events.

Requirements:
Attendance at 3/4 of the scheduled colloquia is necessary, but not sufficient, to receive a grade of “S”. To prove attendance, you must sign-in with me before and after the colloquium.

You are required to write an analysis of three colloquia. The write-ups are to be no shorter than 500 words.

The due dates are by 5:00 PM on (1) Feb 15 (2) March 15 (3) April 15. If these dates fall on a weekend or holiday, the due date is 5:00 on the next day in which UGA is in session.

In your narrative, you must answer the following questions.
1.) What was the main question addressed by the research? - >100 words.
2.) What was the motivation for addressing this question/doing this research? How would knowing the answer increase our understanding of Nature or improve the human condition? >100 words.
3.) What techniques were used to conduct the research, and why? What was novel about the techniques, and how did it allow the researcher to improve upon previous studies? >100 words.
4.) How does the researcher plan to extend this research to new questions? >100 words.

Grades:
This course is graded on a Satisfactory/Unsatisfactory basis. If you do all of the above (at a satisfactory level), then you will receive a grade of “S”.
**Rules concerning withdrawals and incompletes.**
We will follow the rules of the UGA Bulletin concerning withdrawals and incompletes.

**Academic Honesty**
All academic work must meet the standards contained in "A Culture of Honesty." Students are responsible for informing themselves about those standards before performing any academic work. More detailed information about academic honesty can be found at the website given above. As a UGA student, you are responsible for knowing and understanding this policy. If you have any questions about the propriety of actions relating to this course, you are obligated to ask me for clarification. See also the UGA website: [http://www.uga.edu/honesty/](http://www.uga.edu/honesty/)

***This syllabus is a general plan for the course. Deviations announced to the class by the instructor may be necessary.***