

SYLLABUS

PHYS 5101: Physics Colloquium, Fall 2012

Time/Place: Thursday, 3:40 – 4:40 PM / Science Room 234
Instructor: Prof. Juyang Huang (Phone: 742-4780, Email: juyang.huang@ttu.edu)
Office hours: MWF 11:00-11:50 AM, and by appointment, Science Rm. 35

The purpose of this colloquium course is to enrich your graduate education by exposing you to various topics in current research. This is also an opportunity to meet physicists from various labs and universities. The schedules of our visitors are prepared ahead of their visit: let me know early if you want to meet individually with one of our guests. The titles and abstracts will be distributed about one week before each talk.

Course requirements:

1. Attend the colloquium regularly.
2. Turn in a short, typed report (in my mailbox) by the **Monday** following each colloquium. This report (~1/2 page) is a summary of the key points of the talk. Also let me know if you are teaching labs during the seminar (as it may happen if the seminar is held on Friday).

Grading (Pass/Fail):

'Pass' implies a 85% or higher attendance rate (weekly reports). Note that you are allowed to miss two of the talks scheduled for this semester. This is in case you are out of town or sick some day, but not because you can pick and chose whether to attend or not. If you fail to come regularly to the colloquium, you will fail the course. The Department spends considerable resources bringing speakers to Texas Tech. Everyone (faculty and graduate students) should attend all the talks.

Objectives:

- Learn about areas of physics that are not your own.
- See how the science is done at other universities and research areas.
- Have the opportunity to meet high-level scientists from other universities, national laboratories, and industry.

Outcomes: After completing this course, graduate students should

- have expanded their scientific horizon,
- have been exposed to the state-of-the-art in research areas different from their own.

Disability: Any student who, because of a disability, may require special arrangements in order to meet the course requirements should contact the instructor as soon as possible to make any necessary arrangements. Students should present appropriate verification from Student Disability Services during the instructor's office hours. Please note instructors are not allowed to provide classroom accommodations to a student until appropriate verification from Student Disability Services has been provided. For additional information, you may contact the Student Disability Services office in 335 West Hall or 806-742-2405.

Academic dishonesty will not be tolerated and will be treated according to the Student Handbook rules.