

Instructions

Fill in lines 1, 2 and 3 on the Qualifying Examination Form.

For #3, you will need to reserve a room, please see Eric Patkowski in 5.208 after you have set a time with your committee. Also check-in with Eric a week and a half or so before the Examination so that he may include your talk in the weekly Physics Events Calendar.

#4. Fill in your examining committee:

- One member of this committee needs to be from the GSSC. The list can be found at <https://ph.utexas.edu/about/committees#graduate-studies-sub-committee-gssc> or on the bulletin boards outside RLM 5.224. Place an asterisk (*) by the GSSC member's name.

#5 & #6. Matt can help you fill in your grades and Physics Subject Test Score. Please, be sure to include pluses and minuses.

For #7, One of the three items needs to be checked. If you took PHY 380N write in your grade for the course here.

Submit the completed form to Dr. Keto for his signature at least **one week** before you give your exam. Make one copy for Matt and 4 copies for your committee members; please make the copy of page 2 and page 3 on one page if possible (eg. 2 pages to one or duplex printing). Matt can make the copies if you do not have access to a copier. Give the copies to your committee members when you give your talk. Please, attach a copy of your abstract to Matt's copy.

QUALIFYING EXAMINATION FORM

1. Student's Name: _____

2. Title of Presentation: _____

3. Time, Date and Place of Exam: _____

4. **EXAMINING COMMITTEE**

SUPERVISOR: _____

*Member of GSSC

5. Core Course Grades: 385K Classical Mechanics _____
 385L Statistical Mechanics _____
 387K Electromagnetic Theory _____
 389K Quantum Mechanics _____

6. Physics GRE Score: _____

7. Experimental Physics: Senior-Level Laboratory _____
 Participation in Experimental Program _____
 Physics 380N _____

The Oral Qualifying Examination. Within twenty-seven months of entering the program, the student must take an oral qualifying examination. The examination consists of a presentation before a committee of four physics faculty members, one of whom is a member of the Graduate Studies Subcommittee. The presentation is open to all interested parties. It is followed by a question period restricted to the student and the committee. The questions during this session are directed to clarifying the presentation and determining whether the student has a solid grasp of the basic material needed for research in his or her specialization. The student passes the examination by obtaining a positive vote from at least three of the four faculty members on the oral qualifying committee.

Graduate Adviser

Date

I judge the candidate's performance in this presentation and subsequent oral examination to be:

Satisfactory

Unsatisfactory

Remarks:

Educational Assessment (For committee members)

We remind the committee that

"The questions during this session are to be directed towards clarifying the presentation and determining whether the student has a solid grasp of the basic material needed for research in the specialty."

However, an educational goal of the Physics Graduate Program is student mastery of core course material. We are requesting that the committee, consistent with the above quote, explore competence in mechanics, electromagnetism, statistical, and quantum mechanics.

1) Was the student capable of correctly answering one guided question pertaining to the core material of mechanics or electromagnetism? Rate the student as [good, adequate, or poor]. (Circle one).

2) Was the student capable of correctly answering one guided question pertaining to statistical or quantum mechanics? Rate the student as [good, adequate, or poor]. (Circle one).

3) We are also being asked to assess the student's ability to communicate. Were the students oral and graphical skills Satisfactory? [yes or no]. (Circle one).

4) Was the students ability to present a plan for original research Satisfactory? [yes or no]. (Circle one).