

# PhD Written Qualifying Registration Form

The purpose of this form is to register for the PhD written qualifying exam. Students should complete this form within the **first two weeks** of the semester they intend to sit for the exam. The department requires that students take the written qualifying exam in the second semester of their PhD coursework. No third exam is allowed. The exam will be offered two times per year: once in the Fall semester and once in the Spring semester. For MS students finishing their degree and entering the PhD, the written qualifying exam should be completed in the semester of the MS defense.

**Students Name:** \_\_\_\_\_ **UKID:** \_\_\_\_\_ **Entry Date:** \_\_\_\_\_

## I. MS Degree (if applicable):

Institution: \_\_\_\_\_ Date Awarded: \_\_\_\_\_

Thesis Title: \_\_\_\_\_

Course Credits Allocated by DGS from MS: \_\_\_\_\_

## II. Faculty PhD Advisor:

\_\_\_\_\_

## III. COURSES: (All course work should be approved by the student's Faculty Advisor)

a. **Core Courses** (Must complete 3 of the 6 core courses with a grade of B or higher, please include anticipated semester of completion)

EE 611: Semester \_\_\_\_\_ Grade \_\_\_\_\_ EE 621: Semester \_\_\_\_\_ Grade \_\_\_\_\_

EE 640: Semester \_\_\_\_\_ Grade \_\_\_\_\_ EE 661: Semester \_\_\_\_\_ Grade \_\_\_\_\_

EE 685: Semester \_\_\_\_\_ Grade \_\_\_\_\_ EE 699: Semester \_\_\_\_\_ Grade \_\_\_\_\_

## IV. Written Qualifying Exam. Students must score 70% or better in each specific problem of the exam.

**Part I: Problems apply to all students and are selected from topics typically covered in the following courses:**

EE 211 Circuits I : Score \_\_\_\_\_

Waived ☐

EE 223 AC Circuits: Score \_\_\_\_\_

Waived ☐

EE 282 Digital Logic Design : Score \_\_\_\_\_

Waived ☐

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**Part II: Problems are selected from topics typically covered in the following six courses  
(Student selects 2 of the 6):**

- |                                                                               |             |                                 |
|-------------------------------------------------------------------------------|-------------|---------------------------------|
| <input type="checkbox"/> EE 380 Microcomputer Organization                    | Score _____ | Waived <input type="checkbox"/> |
| <input type="checkbox"/> EE 415G Electromechanics                             | Score _____ | Waived <input type="checkbox"/> |
| <input type="checkbox"/> EE 421G Signals and Systems                          | Score _____ | Waived <input type="checkbox"/> |
| <input type="checkbox"/> EE 461G Introduction to Electronics                  | Score _____ | Waived <input type="checkbox"/> |
| <input type="checkbox"/> EE 468G Introduction to Engineering Electromagnetics | Score _____ | Waived <input type="checkbox"/> |
| <input type="checkbox"/> EE 480 Advanced Computer Architecture                | Score _____ | Waived <input type="checkbox"/> |

**V. Waiver of Written Qualifying Exam.** Students may request a waiver of any specific topic area of the written qualifying exam or the written qualifying exam in its entirety. Student must submit supporting documentation including transcripts for equivalent coursework and course syllabi for which a waiver is requested. Please select which topic areas you would like to have waived:

- |                                  |                                   |
|----------------------------------|-----------------------------------|
| <input type="checkbox"/> EE 211  | Approved <input type="checkbox"/> |
| <input type="checkbox"/> EE 223  | Approved <input type="checkbox"/> |
| <input type="checkbox"/> EE 282  | Approved <input type="checkbox"/> |
| <input type="checkbox"/> EE 380  | Approved <input type="checkbox"/> |
| <input type="checkbox"/> EE 415G | Approved <input type="checkbox"/> |
| <input type="checkbox"/> EE 421G | Approved <input type="checkbox"/> |
| <input type="checkbox"/> EE 461G | Approved <input type="checkbox"/> |
| <input type="checkbox"/> EE 468G | Approved <input type="checkbox"/> |
| <input type="checkbox"/> EE 480  | Approved <input type="checkbox"/> |