

**APPLICATION FOR Ph.D. PRELIMINARY EXAM
ELECTRICAL ENGINEERING**

Name: _____ Student ID#: _____

Home Address: _____
Street City Zip

Thesis Advisor: _____ Home Phone: _____

If already admitted to the Ph.D. program, number of quarter units completed toward Ph.D.

Units: _____ GPA: _____

If currently an MS student, number of quarter units completed toward M.S.

Units: _____ GPA: _____

GRE Score: _____

Have you previously taken the Ph.D. Preliminary Exam at Santa Clara University?

yes no When? _____

Select 5 topics from the preliminary exam subject areas listed below, including one in applied mathematics, and submit this form to the EE Department office.

Electrical Engineering Area

(Select four)

- 1. Communications
- 2. Control
- 3. Networks
- 4. Electronic Circuits
- 5. Electronic Devices
- 6. Electronic Materials and Processing
- 7. Electromagnetics
- 8. Signal Processing
- 9. Computer Architecture
- 10. Digital Systems
- 11. VLSI

Applied Mathematics Area

(Select only one)

- 1. Probability Theory
- 2. Linear Algebra

Student Signature Date

Advisor Signature Date