PH.D. in Computer Engineering

☐ **Computer Systems (CS)**   ☐ **Electrical Engineering (EE)**

6 Core Credits + 12 Area Credits + 0-6 Reading and Conf. + 12-18 Research + 12 Dissertation + 0-30 Credits from a previously awarded Master's Degree + 0-12 Elective = 84 Credit Hours

6 Credit Hours Core Courses

Admit Semester and Year: _____

☐ **EEE 554 Random Signal Theory**   MS (Y/N):_____   Semester:_____ Year:_____
☐ **CEN/EEE Area Course if EEE 554 counted for MS degree**   Semester:_____ Year:_____
☐ **CSE 551 Foundations of Algorithms**   MS (Y/N):_____   Semester:_____ Year:_____
☐ **CEN/CSE Area Course if CSE 551 counted for MS degree**   Semester:_____ Year:_____

12 Credit Hours Area Courses

☐ Selection of graduate-level CEN area courses satisfying the CEN Mandatory Degree Concentration Requirement:
  ☐ CEN-CS Concentration: 9 credits CSE or CEN and 3 credits EEE or CEN
  ☐ CEN-EE Concentration: 9 credits EEE or CEN and 3 credits CSE or CEN

☐ At least **6 credit hours** of graduate-level courses covering two (2) of the five (5) <u>CEN Areas of Study</u>.

- Course _____ Area _____ Semester:_____ Year:_____
- Course _____ Area _____ Semester:_____ Year:_____
- Course _____ Area _____ Semester:_____ Year:_____
- Course _____ Area _____ Semester:_____ Year:_____

Reading & Conference

☐ At most **6 credit hours** of CEN 790: Reading and Conference
  - Semester: _____ Year: _____
  - Semester: _____ Year: _____

Research

☐ At least **12** and at most **18 credit hours** of CEN 792: Research
  - Credits: _____ Semester: _____ Year: _____
  - Credits: _____ Semester: _____ Year: _____
  - Credits: _____ Semester: _____ Year: _____
  - Credits: _____ Semester: _____ Year: _____
  - Credits: _____ Semester: _____ Year: _____
  - Credits: _____ Semester: _____ Year: _____

CEN Areas of Study

Autonomous Systems and Robotics – ASR

Communications and Networks – CN

Distributed, Dependable and Secure Systems – DDSS

Multimedia and Signal Processing - MSP

VLSI, Architecture, and Embedded Systems – VAES

Dissertation

☐ **12 credit hours** of CEN 799: Dissertation
☐ A successful oral dissertation defense

Master's degree

☐ Successful completion of an approved Master's degree might allow PH.D. students to use up to 30 credits towards their PH.D. program. Use of these credits need to be approved by the student's faculty advisor, who might require the student to take additional courses, and by the Program Chair.

- Number of credits to be used towards completion of PH.D. program: _____

Electives Courses

☐ At most **12 credit hours** of approved graduate-level elective courses

- Course _____ Semester:_____ Year:_____
- Course _____ Semester:_____ Year:_____
- Course _____ Semester:_____ Year:_____
- Course _____ Semester:_____ Year:_____

Additional Courses - If required by Faculty Advisor or Program Chair

- Course _____ Semester:_____ Year:_____
- Course _____ Semester:_____ Year:_____
- Course _____ Semester:_____ Year:_____
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- Course _____ Semester:_____ Year:_____
- Course _____ Semester:_____ Year:_____

Comprehensive Examination and Dissertation Prospectus Semester:_____ Year:_____ Passed (Y/N):_____

Overall Credits

☐ **At least 84 Credits**
☐ **No more than two three-credit independent study CEN 790**
☐ **No more than three one-credit CEN 584 internship courses (do not count towards required 84 credits)**

Please use this sheet as a guide when filling out the iPOS. After electronic submission of the iPOS please turn in this sheet, along with your iPOS signed by your faculty advisor, to the appropriate Advising Center:
CS – Centerpoint, Suite 105   EE - Goldwater Center 209.

Academic Advisor: _____	**Date:** _____
Faculty Advisor: _____	**Date:** _____
Graduate Program Chair: _____	**Date:** _____