

NAME: \_\_\_\_\_

ASU ID: \_\_\_\_\_

### Direct PH.D. in Computer Engineering

- Computer Systems (CS)
- Electrical Engineering (EE)

**6 Core Credits + 24 Area Credits + 0-6 Reading and Conf. + 12-18 Research + 12 Dissertation + 18-24 Elective = 84 Credit Hours**

#### 6 Credit Hours Core Courses

Admit Semester and Year: \_\_\_\_\_

- EEE 554 Random Signal Theory** Semester: \_\_\_\_\_ Year: \_\_\_\_\_
- CSE 551 Foundations of Algorithms** Semester: \_\_\_\_\_ Year: \_\_\_\_\_

#### 24 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) CEN Areas of Study.

- Course \_\_\_\_\_ Area \_\_\_\_\_ Semester: \_\_\_\_\_ Year: \_\_\_\_\_
- Course \_\_\_\_\_ Area \_\_\_\_\_ Semester: \_\_\_\_\_ Year: \_\_\_\_\_
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#### Reading & Conference

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

#### Research

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

#### Dissertation

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

### Electives Courses

At least **18** and at most **24 credit hours** of approved graduate-level elective courses

- Course \_\_\_\_\_ Semester:\_\_\_\_\_ Year:\_\_\_\_\_
- Course \_\_\_\_\_ Semester:\_\_\_\_\_ Year:\_\_\_\_\_
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### Additional Courses - If required by Faculty Advisor or Program Chair

- Course \_\_\_\_\_ Semester:\_\_\_\_\_ Year:\_\_\_\_\_
- Course \_\_\_\_\_ Semester:\_\_\_\_\_ Year:\_\_\_\_\_
- Course \_\_\_\_\_ Semester:\_\_\_\_\_ Year:\_\_\_\_\_
- Course \_\_\_\_\_ Semester:\_\_\_\_\_ Year:\_\_\_\_\_

**Comprehensive Examination and Dissertation Prospectus** Semester:\_\_\_\_\_ Year:\_\_\_\_\_ Passed (Y/N):\_\_\_\_\_

### Overall Credits

- At least 84 Credits**
- Maximum of two three-credit independent study CEN 790**
- Maximum of 12 credit hours of combined (5XX/4XX) courses and 400-level courses as electives from approved list out of which no more than 6 credit hours can be 400-level courses.**
- Maximum of 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.**

|                                      |                    |
|--------------------------------------|--------------------|
| <b>Academic Advisor:</b> _____       | <b>Date:</b> _____ |
| <b>Faculty Advisor:</b> _____        | <b>Date:</b> _____ |
| <b>Graduate Program Chair:</b> _____ | <b>Date:</b> _____ |