NAME: _____

IRA A. FULTON SCHOOLS OF engineering
ARIZONA STATE UNIVERSITY

ASU ID: _____

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 + 0-3 Internship Credits = 84 Credit Hours

6 Credit Hours Core Courses

Admit Semester and Year: _____

Admitted Fall 2015 and Earlier:

- ☐ **CEN 501 Computer Systems I** Semester:_____ Year:_____
- ☐ **CEN 502 Computer Systems II** Semester:_____ Year:_____

OR

Admitted Spring 2016 and Later:

- ☐ **EEE 554 Random Signal Theory** MS (Y/N):_____ Semester:_____ Year:_____
- ☐ **D* course if EEE 554 counted towards MS degree** Semester:_____ Year:_____
- ☐ **CSE 551/591 Foundations of Algorithms** MS (Y/N):_____ Semester:_____ Year:_____
- ☐ **D* course if CSE 551/591 counted towards MS degree** Semester:_____ Year:_____

12 Credit Hours Area Courses

☐ Select at least **12 credit hours** of courses from the CEN-Area of Study to provide a breadth of knowledge and support an extensive research & dissertation experience. Selection of CEN-Area courses must satisfy the following constraints:

Select at least **12 credit hours** of courses noted with **M*** or **D*** from the CE- Areas of Study.
At most **6 credit hours** can be courses noted with **M***in the CE-Areas of Study.

- M*or D* Course _____ Area _____ Semester:_____ Year:_____
- M*or D* Course _____ Area _____ Semester:_____ Year:_____
- D* Course _____ Area _____ Semester:_____ Year:_____
- D* Course _____ Area _____ Semester:_____ Year:_____

Reading & Conference and Internship

☐ At most **6 credit hours** of CEN 790: Reading and Conference

- CEN 790: Credit Hours _____

☐ At most **3 credit hours** of CEN 584: Internship

- CEN 584: Credit Hours _____

Research

☐ At least **12** and at most **18 credit hours** of CEN 792: Research

- CEN 792: Credit Hours _____

CE Areas of Study

VLSI and Architecture – VLSI & A
Distributed, Dependable and Secure Systems – DDSS
Embedded Control Systems – ECS
Multimedia and Signal Processing - MSP
Communications and Networks – CN
Systems Optimization – SO

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: _____

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Electives Courses - If required to meet 84 Credits

- 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:_____

Overall Credits

- ☐ **At least 84 Credits**
- ☐ **CS: 12 credits CSE or CEN (not including core nor thesis nor internship)**
- ☐ **CS: 6 credits EEE or CEN (not including core nor thesis nor internship)**
- ☐ **EE: 12 credits EEE or CEN (not including core nor thesis nor internship)**
- ☐ **EE: 6 credits CSE or CEN (not including core or thesis)**
- ☐ **No more than 6 credits 400 level courses (must be in first 30 credit hours)**
- ☐ **No more than 12 credits cross listed courses 5XX/4XX (must be in first 30 credit hours)**
- ☐ **No more than 12 credits of combined cross listed courses and 400 level courses (must be in first 30 credit hours)**

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 - BYENG 225 EE - Goldwater Center 209.

Academic Advisor: _____ **Faculty Advisor:** _____

Graduate Program Chair: _____

Updated 1/2017