## COMPUTER ENGINEERING FALL 2011-SP14

Name: _________________________ PID: __________________

Email: _______________________________ Date: ___________

### MAJOR REQUIREMENTS:

#### Lower Division
- MATH 20A (Calculus I)
- MATH 20B (Calculus II)
- MATH 20C (Calculus III)
- MATH 20D (Differential Equations)
- MATH 20F (Linear Algebra)
- PHYS 2A (Mechanics)
- PHYS 2B (Electricity and Magnetism)
- PHYS 2C (Flu,Wav,Thrmdyn,Optics)
- CSE 10 or 8B (Intro Java)
- CSE 12 (Data Structures &00 Prog)
- CSE 15L (Tech & Tools Lab)
- CSE 20 (Intro Discrete Math)
- CSE 21 (Math/Algorithms & Sys)
- CSE 30 (Org. & System Prog)
- CSE 91 (Perspectives in CSE)
- ECE 35 (Intro to Analog Design)
- ECE 45 (Circuits & Systems)
- ECE 65 (Components & Circuits Lab)

#### Upper Division
- CSE 100 (Adv Data Structures)
- CSE 101 (Dsn & Analy of Algorithms)
- CSE 110 (Software Engineering)
- CSE 120 (Prin Comp Operating Systems)
- CSE 140 (Cmpnent&Dsn Tech/Digtl Sys)
- CSE 140L (Digital Systems Lab)
- CSE 141 (Intro Computer Architecture)
- CSE 141L (Proj Computer Architecture)
- ECE 101 (Linear Systems Fundamentals)
- ECE 108 (Digital Circuits)
- ECE 109 (Eng. Probability & Stats)

#### Technical Electives (7 Courses):
- One must be:
  - ECE 111 (Adv Digital Design Proj) or
  - ECE 118 (Computer Interfacing)

#### Five must be CSE/ECE Electives

- _______________
- _______________
- _______________
- _______________
- _______________

**CSE Technical Elective**

- _______________

---

**ALL courses used to satisfy major requirements MUST be taken for a LETTER GRADE.**