Computer Engineering
Curriculum as reflected in the Fall 2009 catalog (125 hours)

NAME ___________________________ SS# ___________________________

INSTRUCTIONS: Enter all grades received (including failures and repeats). Please note that it is the student’s responsibility to fulfill the current published requirements for a degree.

ENGLISH & SPEECH (12 hours)
ENGL 101 ** (3) ________________________
ENGL 102 ** (3) ________________________
ENGL 462/463 (3) ________________________
SPCH 140 (3) ________________________

LIBERAL ARTS (9 hours)
History (3) ________________________
Fine Arts (3) ________________________
Social Science (3) ________________________

MATHEMATICS (17 hours)
MATH 141 ** (4) ________________________
(Prereq: qualification through placement or a grade of C or better in MATH 112 or 115)
MATH 142 ** (4) ________________________
(Prereq: qualification through placement or a grade of C or better in MATH 141)
MATH 374 ** (3) ________________________
(Prereq: grade of C or better in MATH 142 & CSCE 146)
MATH 241 (3) ________________________
(Prereq: qualification through placement or a grade of C or better in MATH 142)
MATH 242 (3) ________________________
(Prereq: qualification through placement or a grade of C or better in MATH 142)

NATURAL SCIENCE (12 hours)
CHEM 111 (4) ________________________
(Prereq: MATH 111 or 115)

PHYS 211 ** (3) ________________________
(Prereq: a grade of C or better in MATH 141, Coreq: PHYS 211L)

PHYS 211 L ** (1) ________________________
(Prereq or Coreq: PHYS 211 or PHYS 301)
PHYS 212 (3)  
(Prereq: a grade of C or better in PHYS 211 and MATH 142; Coreq: PHYS 212L)

PHYS 212 L (1)  
(Prereq or coreq: PHYS 212 or PHYS 302)

**STATISTICS and MATH ELECTIVE**  
(3 hours)

________________________ (3) __________

STAT 509 (3)  
(Prereq: MATH 142 or equivalent)

**ELECTRICAL ENGINEERING**  
(12 hours)
ELCT 102 (3)  
(Prereq or coreq: MATH 141)

ELCT 221** (3) ________________  
(Prereq: MATH 142)

ELCT 222 (3) ________________  
(Prereq: a grade of C or better in ELCT 221, MATH 242)

ELCT 371 (3) ________________  
(Prereq: CSCE 211, ELCT 222)

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**COMPUTER SCIENCE & ENGINEERING** (48 Hours)
CSCE 190 ** (1) ________________

CSCE 145** (4) ________________  
(Prereq: a grade of C or better in MATH 115 or placement into MATH 141)

CSCE 146** (4) ________________  
(Prereq: a grade of C or better in both CSCE 145 & MATH 141)

CSCE 211** (3) ________________  
(Prereq: MATH 141)

CSCE 212** (3) ________________  
(Prereq: CSCE 211 and either 145 or 206)

CSCE 215** (1) ________________  
(Prereq: CSCE 145)

CSCE 240** (3) ________________
(Prereq: CSCE 215, grade of C or better in CSCE 146)

CSCE 311** (3)  (Prereq: CSCE 240, CSCE 210 or 212, MATH 374)
CSCE 313** (3)  
CSCE 317** (3)  (Prereq: CSCE 240, MATH 242, STAT 509)
CSCE 350** (3)  
CSCE 374** (3)  (Prereq: CSCE 212, 240)
CSCE 390** (1)  (Prereq: CSCE 240, SPCH 140)
CSCE 416** (3)  (Prereq: CSCE 311)
CSCE 611** (3)  (Prereq: CSCE 212)

ENCP 481** (1)  (Prereq: upper division standing)
ENCP 491** (3)  (Prereq: consent of academic advisor and instructor; coreq or prereq: ENCP 481 or ECIV 405)
ENCP 492** (3)  (Prereq: ENCP 491, consent of instructor)

**CSCE ELECTIVES** (9 Hours)

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**FOREIGN LANGUAGE**
(Test Score ____ ) Courses taken, if required:

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<th>Course</th>
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**Math Elective:** MATH 526, 527, 544, or CSCE 561. Other courses in linear algebra or numerical analysis may be substituted with permission of the department.
**CSCE Electives:** See department for approved CSCE elective courses. CSCE 330, ELCT 321, ELCT 331 and most CSCE 510 or higher are approved. CSCE 561 satisfies the requirement as either a CSCE elective or MATH elective. All CSCE courses must be a C or higher.

**ALL students must earn a grade of “C” or better in all CSCE courses, ELCT 221, PHYS 211, MATH 141, MATH 142, MATH 374, ENGL 101, and ENGL 102.**

Revised May 2009