Computer Engineering
Curriculum as reflected in the Fall 2008 catalog (125 hours)

NAME __________________________ ID# __________________________

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 (20 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 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)

MATH 374** (3) __________________
(Prereq: grade of C or better in MATH 142 & CSCE 146)

MATH ELECTIVE* (3 hours)

_____________________________(3)

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,

Revised September 2008
Coreq: PHYS 211L

PHYS 211 L ** (1) ____________________
(Prereq or Coreq: PHYS 211or PHYS 206)

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 207)

STATISTICS (3 hours)
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 102 or 220)

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

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

* 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.

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COMPUTER SCIENCE & ENGINEERING (48 Hours)
CSCE 190 ** (1) ____________________
(Coreq: CSCE 145, 204, 205, 206, or equivalent)

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) ________________
(Prereq: CSCE 211, 212)

CSCE 317** (3) ________________
(Prereq: CSCE 240, MATH 242, STAT 509)

CSCE 350** (3) ________________
(Prereq: CSCE 245, MATH 374)

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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<th>Course</th>
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*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.

FOREIGN LANGUAGE

Revised September 2008
(Test Score ____ ) Courses taken, if required:

| | (3) | | (3) |

*Demonstrated proficiency in one foreign language by scoring a 2 on the foreign language placement test.

** 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.