Computer Engineering
Curriculum as reflected in the Fall 2005 catalog (122 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) ________________

**ELECTRICAL ENGINEERING**  
(12 hours)
ELCT 102 (3)  
(Prereq or coreq: MATH 142)

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)

*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.

** 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.

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**COMPUTER SCIENCE & ENGINEERING** (45 Hours)
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: either CSCE 146 or both CSCE 145 and 211)

CSCE 240** (3) __________________
(Prereq: a grade of C or higher in CSCE 146)

CSCE 245** (3) __________________
(Prereq: a grade of C or higher in CSCE 146)

CSCE 311** (3) __________________
(Prereq: CSCE 212, 245 and 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 355** (3) __________________
(Prereq: CSCE 211, 212, 350)

CSCE 390** (1) __________________
(Prereq: CSCE 240, SPCH 140)

CSCE 416** (3) __________________
(Prereq: CSCE 311)

CSCE 491** (3) __________________
(Prereq: CSCE 311, 317)

CSCE 492** (3) __________________
(Prereq: CSCE 240, 311, either ENGL 462 or 463)

MAJOR ELECTIVES** (9 Hours)

_________________ (3) _______
_________________ (3) _______
_________________ (3) _______

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

_________________ (3) _______
_________________ (3) _______

**Major 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.

Revised Spring 2005