Computer Engineering  
Curriculum as reflected in the Fall 2007 catalog (123 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 211L ** (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** (46 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: 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)

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

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**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 May 2007