

**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 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.**

**Computer Engineering**

**Curriculum as reflected in the Fall 2007 catalog (123 hours)**

**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)**

_____ (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 May 2007