

**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,

Coreq: PHYS 211L)

PHYS 211 L \*\* (1) \_\_\_\_\_  
(Prereq or Coreq: PHYS 211 or 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)**

_____ (3) _____
_____ (3) _____
_____ (3) _____

**\*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**

(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.**