

USC College Of Engineering & Information Technology
Computer Engineering Fall 2002 (122 hours)

NAME _____ SS# _____

INSTRUCTIONS: Enter all grades received (including failures and repeats). In particular, note upper division and graduation requirements for the College. See departmental curricula for course requirements in each major. **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 174 (3) _____

(Prereq: qualification through placement or a grade of C or better in MATH 112 or 115)

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 SCIENCES (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)

MATH ELECTIVE *(3 hours)

_____ (3) _____

STAT 509 (3) _____

ELECTRICAL ENGINEERING
(15 hours)

ELCT 102 (3) _____
(Prereq or coreq: MATH 142)

ELCT 221** (3) _____
(Prereq: MATH 142, ELCT 102)

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

ELCT 321 (3) _____
(Prereq: ELCT 222)

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, PHYS 211L, MATH 141, MATH 142, ENGL 101, and ENGL 102.

Computer Engineering

INSTRUCTIONS: Students must be admitted to the Upper Division before enrolling in Upper Division (300 or higher) Computer Science and Engineering courses. This requires completion of all Lower Division (100 and 200 level) Computer Science and Engineering courses, ENGL 101, ENGL 102, and MATH 174, 141, and 142 with appropriate grades. Enter all grades received. Consult the USC bulletin for course descriptions and regulations.

COMPUTER SCIENCE & ENGINEERING (41 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 CSCE 145 & MATH 141 or 174; Coreq: MATH 174)

CSCE 211 (3) _____

(Prereq: MATH 141 or MATH 174)

CSCE 212 (3) _____
(Prereq: CSCE 145, either CSCE 211 or MATH 174)

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 or 213 & CSCE 245)

CSCE 313 (3) _____
(Prereq: CSCE 211 & 212, or 213)

CSCE 350 (3) _____
(Prereq: CSCE 245 & MATH 174)

CSCE 355 (3) _____
(Prereq: CSCE 212 & 212, or 213 & CSCE 350)

CSCE 390 (1) _____
(Prereq: CSCE 240, SPCH 140)

CSCE 491 (3) _____
(Prereq: : CSCE 240 & 311)

CSCE 492 (3) _____
(Prereq: CSCE 240, 311, either CSCE 313 or ENGL 462 or 463)

MAJOR ELECTIVES (12 Hours)

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

FOREIGN LANGUAGE (Test Score _____)

Courses taken, if required:

_____ (3) _____
_____ (3) _____

****Major Electives:** See department for approved CSCE elective courses. Currently CSCE 330, ELCT 331, and most CSCE course numbered 510 or higher are approved. CSCE 561 satisfies the

requirement as either a CSCE elective or as a MATH elective.

Revised June 2002