

**UCSC Baskin School of Engineering
Computer Engineering:
Computer Technology Minor
Curriculum Chart
2005-2006**

Computer Engineering Courses

CMPE 1
Hands-On
Computer
Engineering

CMPE 100/L
Logic Design
w/ Lab

Optional:

CMPE 12/L
Computer Systems and
Assembly Language
w/ Lab

CMPE 110
Computer
Architecture

CMPE 3
Personal Computer
Concepts:
Hardware and
Software

CMPE 16
Discrete Math

CMPE 150
Introduction to
Computer Networks

Programming

Choose one sequence:

CMPS 12A/L
Introduction to
Programming
w/ Lab

CMPS 12B/M
Introduction to
Data Structures
w/ Lab

OR

CMPS 12A/L
Introduction to
Programming
w/ Lab

BME 60
Programming for
Biologists and
Biochemists

OR

CMPS 12A/L
Introduction to
Programming
w/ Lab

CMPS 60G
Beg. Programming:
Social Sciences
And Humanities

OR CMPS 60N
Beg. Programming:
Natural Sciences

Elective: _____

One pre-approved upper-division course that incorporates computer technology in any discipline.

Faculty Signature: _____

Capstone Requirement:

CMPE 194F, Group Tutorial (2 Units). A group tutorial completed during the Winter quarter prior to graduation considering the impact of computer technology. Students will complete papers considering aspects of the impact of computer technology on the students' major discipline.

Contact the SoE Undergraduate Advising Office during the preceding Fall quarter to join this course.

Computer Technology and Society

ISM 101
Management of
Technology Seminar

CMPE 80E
Engineering Ethics

Choose one:

CMPE 80H
History of Modern
Computing

OR

EE 80T
Modern Electronic
Technology and How
it Works

The Computer Technology minor provides a broad exposure to computer hardware and software technology. The minor is intended for non-engineering majors who would like to develop and understanding of the design and use of computer technology. The minor may be particularly valuable for students who expect to use computer technology in another discipline, who are interested in teaching K-12, or who have a general interest in computer technology and how it works.

The upper-division elective course may be counted for another major or minor.

UCSC BASKIN SCHOOL OF ENGINEERING
COMPUTER ENGINEERING: COMPUTER TECHNOLOGY MINOR
DEGREE CURRICULUM
2005-2006

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

STUDENT'S NAME:

STAFF ADVISOR:

Watch for CEFULs: CE Faculty-Undergraduate Lunches, regularly scheduled throughout the year, CE's free lunch program.