SCHOOL OF ENGINEERING
COMPUTER ENGINEERING DEGREE CURRICULUM CHART
1998-99

MATH 19A
Calculus
F, W, S

MATH 19B
Calculus
F, W, S

MATH 22
Multivariable Calculus
F, S

MATH 27
Engineering Math
F, W, S

CMPS 12A
Intro. to Prog.
F, W, S

CMPS 12B
Data Structures
F, W, S

CMPE 12A
Computer Org.
W, S

CMPE 12C
Computer Architecture
# F, W, S

CMPE 16
Discrete Math
F, W

PHYS 5A/5L or 6A/6L
Intro to Physics I
W

Math 19B
Physics 5A/5L or 6A/6L

PHYS 5B/5M or 6B/6M
Intro to Physics II
S

Math 22
Physics 5A/5L or 6A/6L

CMPE 160/L
Logic Design
# F, W, S

CMPE 121/L
Microproc. Design

CMPE 170/L
Circuits

CMPE 121/L,
CMPE 126/126L
Advanced Logic Design
W

CMPE 121/L,
CMPE 123/123L
Adv. Microproc.
Sys. Design
F, S

CMPE 121/L,
CMPE 124/124L
Processor Design
(*)

CMPE 107
Math Methods
F, S

CMPS 101
Abs. Data Types
F, W, S

CMPS 103A(F)
Comp Networks

CMPS 105(L)
Analog Electronics

CMPS 107(F)
App. Graph Thy.

CMPS 108(W, S)
Data Comp

CMPS 153(W)
Signal Processing

CMPS 173(L)
High Speed Digital Design

CMPS 172(L)(*)
Circuits

CMPS 170/L
Analog Elec. Circuits
S

CMPS 171/L
Upper-Division
CMPE/CMPS

CMPE 107
Math Methods
F, S

CMPS 103
Comp Networks

CMPS 105
Analog Electronics

CMPS 107
App. Graph Thy.

CMPS 108
Data Comp

CMPS 153
Signal Processing

CMPS 173
High Speed Digital Design

CMPS 172(*)
Circuits

CMPS 170
Analog Elec. Circuits
S

CMPS 171
Upper-Division
CMPE/CMPS

CMPS 170
Analog Elec. Circuits
S

CMPS 171
Upper-Division
CMPE/CMPS

Choose One

DEPT IN ONE AREA OF HUMANITIES OR SOCIAL SCIENCES (from Gen. Ed. requirements)
may be satisfied with two related lower-division courses, or one upper-division course.
AREA: Course(s): (LD) / (LD) (UD)

F, W, S

Revised 1/26/99

Advisory only. For specific requirements see Engineering Advisor. Course #, content, and prerequisites may have changed.
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**APPROVED LIST OF UPPER DIVISION ELECTIVES**

- CME 160 DATA COMPRESSION
- CME 122 ADVANCED MICROPROCESSOR SYSTEM DESIGN
- CME 122 ADVANCED MICROPROCESSOR SYSTEM DESIGN LAB
- CME 129 LOGIC DESIGN WITH VERILOG
- CME 125 LOGIC DESIGN WITH VERILOG LAB
- CME 126 ADVANCED LOGIC DESIGN
- CME 127 ADVANCED LOGIC DESIGN LAB
- CME 127 COMPUTER-AIDED SYNTHESIS OF VLSI CIRCUIT
- CME 132 ANALOG AND DIGITAL SYSTEMS LAB
- CME 132 INTRODUCTION TO COMPUTER NETWORKS
- CME 133 SIGNAL PROCESSING
- CME 135 COMPARATIVE PROGRAMMING LANGUAGES
- CME 140 SOFTWARE METHODOLOGY
- CME 150 COMPUTER GRAPHICS
- CME 150 COMPUTER ARITHMETIC
- CME 151 ARTIFICIAL INTELLIGENCE
- CME 153 INFORMATION AND COMMUNICATION THEORY
- CME 153 COMPUTER GRAPHICS
- CME 155 DATABASE SYSTEMS
- CME 157 HIGH-SPEED DIGITAL DESIGN
- CME 157 HIGH-SPEED DIGITAL DESIGN LAB
- CME 157 APPLIED GRAPH THEORY/ALGORITHMS

**STUDENT'S NAME:**

**STAFF ADVISOR:**

**FACULTY ADVISOR'S APPROVAL:**