## COMPUTER ENGINEERING
### DEGREE CURRICULUM
#### 2000-2001

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### Approved List of Upper Division Electives
- CMPE 106 Data Compression
- CMPE 126 Adv. Logic Design
- CMPE 127 Comp.-Aided Synth. of VLSI
- CMPE 152 Intro. to Computer Networks
- CMPE 172 Linear/Nonlin. Circuits
- CMPE 172L Linear/Nonlin. Circuits Lab
- CMPE 173 High Speed Digital Design
- CMPE 173L High Speed Digital Des. Lab
- CMPE 177 Applied graph Theory/Algor.
- CMPS 102 Analysis of Algorithms
- CMPS 104A Compiler Design I
- CMPS 104B Compiler Design II
- CMPS 109 Advanced Programming
- CMPS 112 Comparative Prog. Langs.
- CMPS 115 Software Methodology
- CMPS 130 Computational Models
- CMPS 132 Computability and Compl.
- CMPS 140 Artificial Intelligence
- CMPS 150 Info. & Comm. Theory
- CMPS 160 Computer Graphics
- CMPS 180 Database Systems
- CMPS 190X Methods of Cryptography
- EE 103 Signals and Systems
- EE 135 Electro. Fields and Waves
- EE 135L Electro. Fields and Waves
- EE 136 Engr. EM
- EE 143 Properties of Materials
- EE 145L Properties of Materials Lab
- EE 151 Communications Systems
- EE 153 Signal Processing
- EE 154 Feedback Control Systems
- EE 171 Analog Electronics
- EE 171L Analog Electronics Lab
- EE 178 Device Electronics
- ENGR 146 Discrete Dynamical Systems
- ENGR 147 Computational Methods and Applic.
- ENGR 181 Bayesian Statistics

Any 3-Credit CS, CE, or EE Graduate Course
- CMPE 265A & CMPE 265B Special Topics in Image Processing

At most, one elective may be substituted by an upper-division individual or field study (CMPE, CMPS, EE 193 or 198).

**Student’s Name:**

**Staff Advisor:**

**Faculty Advisor’s Approval:**

3/28/01