COMPUTER ENGINEERING
Recommended Schedule - 2011-2012 – GE3

Lower Division

Freshman Year

Fall
Math 21A - Calculus
ECS 10 or 30
English - UWP 1 or English 3 or
Comp Lit 1, 2, 3 or 4 or NAS 5
EEC 1 – Intro to ECE

Winter
Math 21B - Calculus
Chemistry 2A - General Chemistry
ECS 30 or 40
GE Elective

Spring
Math 21C - Calculus
Physics 9A - Classical Physics
ECS 20 - Discrete Mathematics
GE Elective

Sophomore Year

Fall
Math 21D - Vector Analysis
Physics 9B - Classical Physics
EEC 70 - Assembly Language
GE Elective

Winter
Math 22A - Linear Algebra
Math 22AL – Linear Alg Comp Lab
Physics 9C - Classical Physics
ECS 40 or 60
GE Elective

Spring
Math 22B - Differential Equations
ENG 17 – Circuits I
Physics 9D - Modern Physics
GE or ECS 60

Upper Division

Junior Year

Fall
EEC 100 - Circuits II
EEC 140A - Device Physics
GE Elective

Winter
EEC 110A - Electronic Circuits
EEC 180A - Digital Systems I
ECS 122A – Algorithm Design & Analysis
Upper Div UWP

Spring
EEC 180B - Digital Systems II
CMN 1 or 3
Technical Elective
EEC161 – Prob & Statistics

Senior Year

Fall
ECS 150 - Operating Systems & Sys Prog
EEC 170 - Computer Architecture
EEC 173A – Computer Networks
EEC 196 – Issues in Eng Design

Winter
EEC 172 – Embedded Systems
ENG 190 – Prof Responsibilities
Senior Design Project (EEC 181A)
GE Elective

Spring
Senior Design Project (EEC 181B)
Upper Division Elective
GE Elective
Technical Elective

Total Units for Degree Requirement in Computer Engineering - 180
For assistance with schedule modifications, consult the ECE Staff Advisor