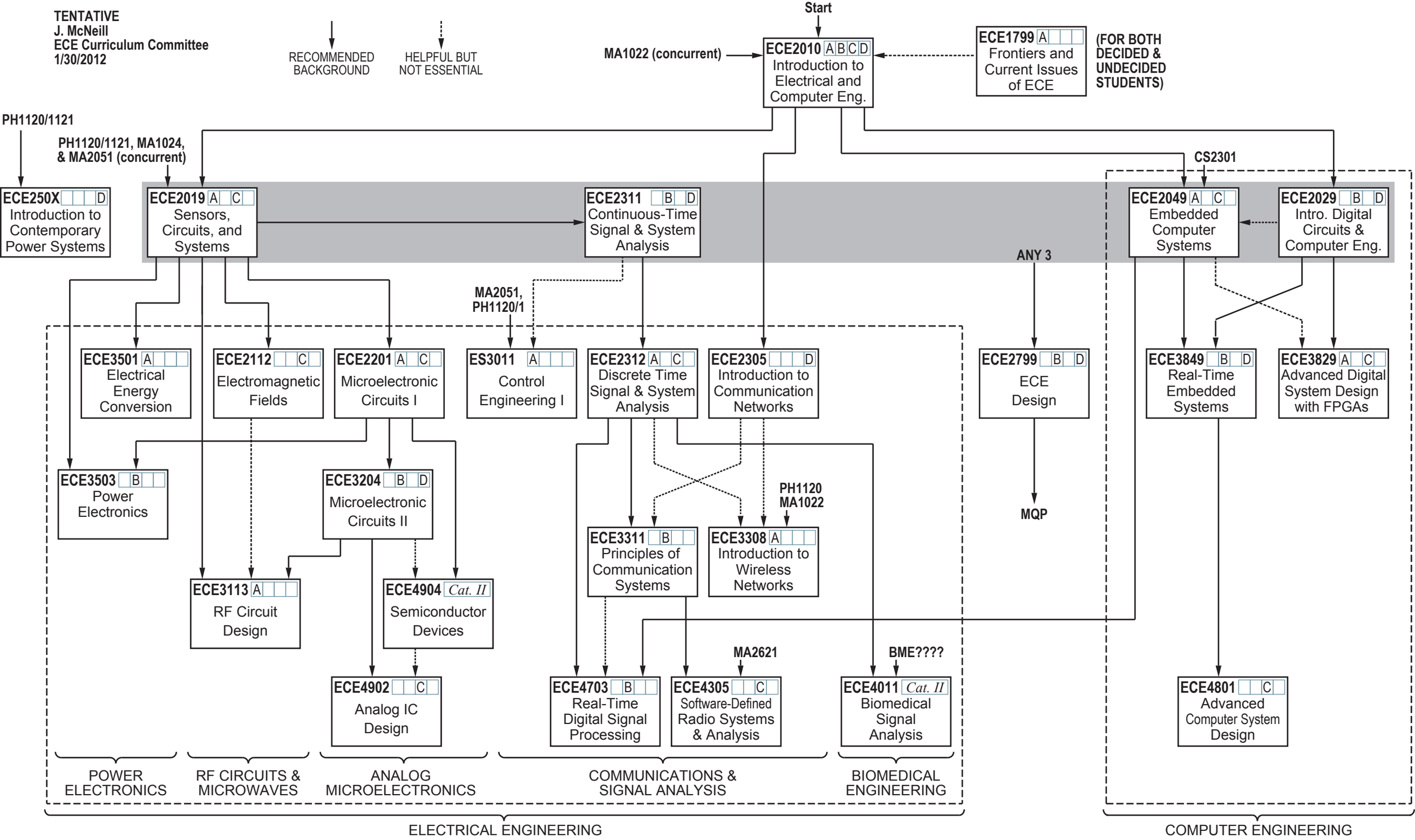
TENTATIVE
J. McNeill
ECE Curriculum Committee
1/30/2012
RECOMMENDED BACKGROUND
HELPFUL BUT NOT ESSENTIAL
Start
MA1022 (concurrent)
ECE2010 A B C D
Introduction to Electrical and Computer Eng.
ECE1799 A
Frontiers and Current Issues of ECE
(FOR BOTH DECIDED & UNDECIDED STUDENTS)
PH1120/1121
PH1120/1121, MA1024, & MA2051 (concurrent)
CS2301
ECE250X D
Introduction to Contemporary Power Systems
ECE2019 A C
Sensors, Circuits, and Systems
ECE2311 B D
Continuous-Time Signal & System Analysis
ECE2049 A C
Embedded Computer Systems
ECE2029 B D
Intro. Digital Circuits & Computer Eng.
ANY 3
MA2051, PH1120/1
ECE3501 A
Electrical Energy Conversion
ECE2112 C
Electromagnetic Fields
ECE2201 A C
Microelectronic Circuits I
ES3011 A
Control Engineering I
ECE2312 A C
Discrete Time Signal & System Analysis
ECE2305 D
Introduction to Communication Networks
ECE2799 B D
ECE Design
ECE3849 B D
Real-Time Embedded Systems
ECE3829 A C
Advanced Digital System Design with FPGAs
ECE3503 B
Power Electronics
ECE3204 B D
Microelectronic Circuits II
PH1120 MA1022
ECE3311 B
Principles of Communication Systems
ECE3308 A
Introduction to Wireless Networks
MQP
ECE3113 A
RF Circuit Design
ECE4904 Cat. II
Semiconductor Devices
MA2621
BME????
ECE4902 C
Analog IC Design
ECE4703 B
Real-Time Digital Signal Processing
ECE4305 C
Software-Defined Radio Systems & Analysis
ECE4011 Cat. II
Biomedical Signal Analysis
ECE4801 C
Advanced Computer System Design
POWER ELECTRONICS
RF CIRCUITS & MICROWAVES
ANALOG MICROELECTRONICS
COMMUNICATIONS & SIGNAL ANALYSIS
BIOMEDICAL ENGINEERING
ELECTRICAL ENGINEERING
COMPUTER ENGINEERING