

Name (please print): _____
(Last) (First) (Middle)

Student Number: _____

Primary Major: _____ Expected Major Completion Term: _____

Required Courses – 8 credits

_____ EE 2112 Electric Circuits II and Lab (4)

_____ EE 2174 Digital Logic and Lab (4)

Elective Courses – 10 credits minimum from a combination of EE Core and EE Focus course lists.

EE Core Course List

Choose 3 to 7 credits from the list below:

_____ EE 3010 Circuits and Instrumentation (3)

_____ EE 3090 Geometrical and Wave Optics (3)

_____ EE 3120 Electric Energy Systems (3)

_____ EE 3131 Electronics (4)

_____ EE 3140 Electromagnetics (3)

_____ EE 3160 Signals and Systems (3)

_____ EE 3171 Microcontroller Applications (4)

_____ EE 3180 Intro to Probability & Random
Signal Analysis (3)

EE Focus Course List

Choose 3 to 7 additional credits from the list below:

_____ EE 3190 Optical Imaging and Sensing (3)

_____ EE 3250 Intro to Communications Theory (3)

_____ EE 3261 Control Systems (3)

_____ EE 3290 Photonic Material & Devices (4)

_____ EE 3373 Intro to Programmable Controllers (3)

Any EE course between EE4200 – EE4499

_____ EE _____

_____ EE _____

_____ EE _____

Credits Required = 18*

*A minimum of 9 credits are required at the 3000-level or higher

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: EE2112 (EE3010 or EE2111) (MA3520 or MA3521 or MA3530, MA3560)), EE2174 (EET2241 or CS1111 or CS1121 or CS1131), EE3120 ((EE3010 or EE2112C)), EE3131 (EE2112 or EE3010), EE3140 ((PH2200 and MA3160 and (EE3010 or EE2112)), EE3160 ((EE2112 and (MA2320 or MA2321 or MA2330) and MA3520 or MA3521 or MA3530 or MA3560)) EE3171 ((EET2241 or CS1121 or CS1111) and (EE2174)), EE3180 (EE3160), EE3250 (EE3160 and EE3180 C), EE3261 (EE3160), EE3190 (EE3090), EE4219 (EE2112 or EE3010), EE4220 (EE4219C), EE3190 (EE3090), EE3290 (EE3090 or EE3140 or PH2400)

Student _____ Date _____

Department Advisor _____ Date _____