REQUIREMENTS FOR MINOR IN ELECTRICAL ENGINEERING

The courses listed below constitute the 18 hours required for a minor in Electrical Engineering

1. ECEN 214 – Electrical Circuit Theory. Credit 4
2. ECEN 248 – Introduction to Digital System Design. Credit 4
3. ECEN 314 – Signals and Systems. Credit 3
4. ECEN 325 – Electronics. Credit 4
5. ECEN XXX – Any 300/400 level ECEN course except ECEN 403-405, 485, 491. Credit 3-4

----------**Notes**----------

Prerequisites: ECEN 214 requires PHYS 208 or equivalent as a prerequisite and enrollment in MATH 308. Math 308 requires completion of the calculus sequence.

Students in degree programs requiring ECEN 215 have three options for the ECEN 214 requirement:

a. Declare a minor in ELEN and take ECEN 214 vs. 215 with approval from your major department.
b. Use credits earned in ECEN 215 plus an additional 1 credit of ECEN 485 or 491 to fulfill the 4 credit ECEN 214 requirement.
c. Use credits earned in ECEN 215 and take a 4 credit ECEN XXX 300/400 level course as listed in requirement number 5 vs. a 3 credit course.

---*Students taking ECEN 215 should not take ECEN 325 until successful completion of ECEN 314*---

Minimum GPA: A minimum grade point ratio of 2.75 is required in order to enter the minor.

Satisfactory Completion of Courses: To be awarded the minor in Electrical Engineering, students must earn a C or better grade in each of the courses used for the minor.

Restrictions: Students majoring in Computer Engineering will not be permitted to minor in Electrical Engineering since the coursework prescribed for the minor is required coursework for the Computer Engineering degree.

I hereby request approval to acquire a minor field of study from the Department of Electrical and Computer Engineering under the rules of the University and the College of Engineering. I understand I am responsible to seek advising from the Department of Electrical and Computer Engineering for all matters related to this minor program.

_____Major_____UIN #_____
Student's Printed Name

_____ _____
Student's Signature Date

_____ _____
ECEN Advisor granting ELEN minor approval Date

_____ _____
Major Department Authorization Date entered in COMPASS by major department

Please email a copy of this document to the
ECEN Undergraduate Advising Office at ugoffice@ece.tamu.edu

Updated 3.7.17