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

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 ELEN 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. This is the same requirement as for students who are majoring in Electrical Engineering to enter the upper division courses of ECEN.

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 Dwight Look 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 send a copy of this document to the
ECEN Undergraduate Advising Office, WERC 218

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