

**APPLICATION TO
MINOR IN ELECTRICAL AND COMPUTER ENGINEERING
ALL MAJORS EXCEPT BME**

Before applying for an ECE minor, (*application must be made in person in EE 136. Call 765-49-43390 for an appointment*), students must have completed MA 16500, MA 16600, and PHYS 17200 (or their equivalents) with a 'C-' grade or better in each. If this application is approved, a minor in Electrical and Computer Engineering will be granted upon completion of the following 17 credit hours of coursework. All requisites* for these courses must be met in order to enroll in these courses. Transfer credit may be accepted for up to two of the "Required Courses" (this includes IUPUI and the regional campuses). A minimum overall GPA of 2.0 is required in ECE courses to qualify for the minor. Approval of the ECE minor may be revoked if the ECE GPA falls below 2.0. Enrollment in all ECE courses is subject to space availability. Students requesting space in restricted ECE courses must submit an application and may need to wait until 'Open Enrollment' to register. Electrical Engineering and Computer Engineering majors are given priority.

Required Courses (13 credits):

- ECE 20100 Linear Circuit Analysis I (3 credits)
- ECE 20200 Linear Circuit Analysis II (3 credits)
- ECE 25500 Intro to Electronic Analysis & Design (3 credits)
- ECE 27000 Digital Logic Design (4 credits)

Elective Course(s) (4 credits): Choose one of the following.

- ECE 30100 Signals and Systems (3 credits) and EE 20700[#] (1 credit)
- ECE 30500 Semiconductor Devices (3 credits) and EE 20700[#] (1 credit)
- ECE 32100 Electromechanical Motion Devices (3 credits) and EE 20700[#] (1 credit)
- ECE 36200 Microprocessor Systems and Interfacing (4 credits)

I agree to meet the requirements stated above to qualify for a minor in Electrical and Computer Engineering.

Name (print) _____

PUID _____

Student Signature

Date

ECE Undergraduate Advisor

Date

* Requisites may include the following (or their equivalent): CS 15900, MA 16500, MA 16600, MA 26100, MA 26200 or MA 26600, PHYS 15200, and PHYS 26100/PHYS 25100/PHYS 24100.

[#] EE 20700 Electronic Measurement Technique Laboratory (1 credit)