

University of Indianapolis – *Shaheen College of Arts & Sciences*

*R.B. Annis School of Engineering*

**2024-2025 Curriculum Guide for Electrical Engineering (EENG) Concentration**

Concentration

**Required Courses:** (6 credits)

- **EENG 120** DC Circuits (3)
- **EENG 210** AC Circuits (3)

**Take two of the following:** (6 credits)

- **EENG 310** Signals and Systems (3)
- **EENG 320** Electronics (3)
- **EENG 330** Prob. & Rand. Proc (3)
- **EENG 340** Interfacing Lab. (3)
- **EENG 350** Digital Signal Processing I (3)\*
- **EENG 405** Controls I (4)\* or **MENG 420** Control Systems (3)\*
- **EENG 420** Image Processing & Computer Vision (3)\*
- **MENG 440** Mechatronics (3)
- **PHYS 230** Lab Instrumentation (3)

**Total Hours:** 12 (minimum)

**NOTES:**

- A grade of C- (1.7 on a 4.0 scale) or higher is required in all courses applying towards this concentration.
- CMPE Majors must take one of the courses marked with an asterisk (\*) in order to earn the EENG concentration.

**REMEMBER:** If you have any questions about the Electrical Engineering Concentration requirements, contact a faculty advisor from the R. B. Annis School of Engineering (Kenneth Reid, 788-3657; Annis Hall, Room 105) or your academic advisor. Courses and requirements sometimes change so keep in contact with your advisor.