University of Indianapolis – Shaheen College of Arts & Sciences: R.B. Annis School of Engineering
2025-2026 Curriculum Guide for Computer Engineering (CMPE)
Concentration

Required Courses: (3 credits)

- **CSCI**   **155**   Introduction to Programming (3)

Take two of the following: (6-7 credits)

- **CSCI**   **156**   Introduction to Object Oriented Programming (3)
- **CSCI**   **240**   Data Structures and Algorithms (4)
- **EENG**   **220**   Digital Systems (3)
- **EENG**   **230**   Microcontrollers Arch./Prog. (3)

Take one of the following not already taken above (3 credits):

- **EENG**   **220**   Digital Systems (3)
- **EENG**   **370**   Digital Design & Synthesis (3)
- **EENG**   **440**   Computer Architecture / Modern Processor Architecture (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.

REMEMBER: If you have any questions about the Computer Engineering conctnration 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.