

MINOR IN COMPUTER ENGINEERING

The Minor in Computer Engineering prepares students who want to complement their background in computer science or other applied science disciplines with knowledge of computer hardware design, microcontroller software programming, and hardware-software codesign to support a well-rounded knowledge of working with computing systems.

Learning Objectives

Students successfully completing this program will be able to:

1. Solve digital circuit logic problems and implement logic on programmable devices.
2. Design software to program embedded and Internet of Things (IoT) hardware platforms.
3. Identify and explain interactions between hardware and software in computing systems.
4. Apply computer hardware architecture for general purpose and accelerator processing.
5. Prepare for jobs as computer engineers, including software architects and computer architects.