

# EECE 417: Computer Systems Architect

Core concepts of computer architecture are introduced. Instruction set architectures (both CISC and RISC), Microprogramming, pipelining, memory systems and hierarchy, and I/O architectures are studied. Core concepts of parallel computer architectures are introduced and examples of parallel computers are presented.

**Credits:** 3

**Prerequisites/Permissions:**

EECE 211. Course Offering: Spring Semester

**Program:**

## Electrical Engineering

### COURSE DESCRIPTIONS