CIS 242 Computer Architecture and Assembly Language

CIS 242 COMPUTER ARCHITECTURE AND ASSEMBLY LANGUAGE

Covers the basics of integrated circuit technology, digital logic gates and circuit design, computer organization and industry standard computer architecture (ISA), microcode, number systems and data representation, machine languages, assembly languages and programming, operating systems, high-level languages and programming, and the application abstraction levels. *Letter Grade Only. Degree Credit.*

Units: 3

Hours/semester: 48-54 Lecture; 96-108 Homework

Recommended: CIS 118

Transfer Credit: CSU, UC

C-ID: COMP 142