Nebraska Wesleyan University

PHYS 130 Computer Architecture and Interfacing

Catalog

2013-2014

Course Description

A first course in the levels of architecture of a modern computer, from digital logic, through circuits and register level components, to programming. Topics include data representation, memory organization, input/output control, interfacing, and communication.

Three lectures per week.

One laboratory per week.

Prerequisite(s): PHYS 121 Electronic Measurements or CMPSC 040 Program Design or permission of the instructor.

Course Hours

4 hours

Departments

1. Physics, Astronomy, and Computer Science