Nebraska Wesleyan University

PHYS 2600 Computer Architecture and Interfacing

Catalog

2026-2027

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.
Cross listed with CMPSC 2600.
Prerequisite(s): PHYS 2200 Electronic for Scientists & Engineers or CMPSC 2200 Python Programming I or permission of the instructor.
(Normally offered alternate spring semesters.)

Course Hours

4 hours

Departments

1. Physics