

Nebraska Wesleyan University

Catalog 2017-2018

## PHYS 2600 Computer Architecture and Interfacing

4 hours

Departments/Programs:

Physics, Astronomy, and Computer Science

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 Measurements or CMPSC 1500 Program Design or permission of the instructor.*

(Normally offered alternate spring semesters.)