COMPUTER PROGRAMMING COGNATE

http://cs.unh.edu/cognate-computer-programming

Description

The Cognate in Programming is designed so that students who wish to go beyond an introductory computer programming course to be able to meet the challenges that technology imposes.

This cognate is for UNH students who are interested in acquiring skills beyond just a basic programming language. This cognate would be an alternative to students who are not going to pursue a minor in Computer Science or Information Technology but still want to have the opportunity to partake a coherent, if short, curriculum that gives them a foundation to participate in programming activities as applicable to their technical areas.

The cognate consists of three courses in total, with one required course and two courses selected from four different sequence options. The Cognate will appear on each student’s transcript.

Requirements

Required Course:

IT 403 Introduction to Internet Technologies 4

Choose one of the following two-course sequences:

Sequence one:

CS 415 Introduction to Computer Science I 4
CS 416 Introduction to Computer Science II 4
or IT 505 Database Programming

Sequence two:

CS 414 From Problems to Algorithms to Programs 4
CS 417 From Programs to Computer Science 4
or IT 505 Database Programming

Sequence three:

CS 410 Introduction to Scientific Programming 4
CS 417 From Programs to Computer Science 4
or IT 505 Database Programming
CS 405 Introduction to Applications Programming with Visual Basic 4
IT 505 Database Programming 4