Nebraska Wesleyan University

CMPSC 255 Algorithms

Catalog

2013-2014

Course Description

A systematic study of the analysis and design of algorithms, particularly those used for complex data structures and non-numeric processes. Topics include analysis of complexity, complexity classes, dynamic programming, automata-based algorithms, backtracking, and parallel algorithms.

Prerequisite(s): Grades of "C" or better in CMPSC 100 Discrete Mathematics and CMPSC 140 Data Structures.

(Normally offered alternate years.)

Course Hours

3 hours

Departments

1. Physics, Astronomy, and Computer Science