

CSC130 : Computer Programming II: Java

Students use projects and teamwork to design, implement, and test large computer programs in Java, with emphasis on programming style, expression, and documentation. Object-oriented programming methodology, abstract data types, data structures, internal searching and sorting methods, exceptions, generics, multithreading, and simple recursion are covered. Students analyze the efficiency and compare times of recursive and non-recursive sorts and searches, as well as searches of graphs using stacks and queues.

Credits 4

Prerequisites

[CSC110](#): Computer Programming I: Java or [CSC120](#): Computer Programming I: C++ or

[CSC105](#): Computer Programming I: Python

Semester Offered

Fall

Spring