

# CSCI278N : Data Structures Using C++

This course is the fourth in the software development sequence. It introduces the student to algorithms used to represent data in an efficient manner. Standard data structures and problem solving techniques will be introduced. The data structures studies will involve stacks, queues, linked lists, trees, graphs and hash tables. These structures will be presented in an object-oriented manner using C++ language.

**Class Hours** 2

**Lab Hours** 2 **Credits** 3

**Prerequisite Courses**

CSCI230N