

# CIS 192: Advanced Computer Programming Concepts

This course covers the concepts of algorithm specifications, structured programming, data representation, searching, sorting, recursion, simple data structures, language description, and problem testing. Emphasis is placed on development of problem-solving skills. Upon completion, the student will be able to demonstrate knowledge of the topics through the completion of programming projects and appropriate tests.

**Credits:** 3

**Transfer Code:** Transfer Code  
Code C

**Lab Hours:** 0

**Lecture Hours:** 3

0

**Prerequisites:**

CIS 191