

## **CSC 540 - Algorithms & Data Structures II**

3 Credit Hours

This advanced course delves deeper into the world of algorithmic problem-solving and data organization. It is designed to refine student programming skills and develop a deeper understanding of how to efficiently solve complex computational challenges. In this course, students will explore advanced algorithms, data structures, and algorithm analysis techniques that are essential for tackling real-world problems in fields ranging from software engineering to artificial intelligence."