

## Csci 433: Algorithm and Data Structure Analysis

Study of the design and analysis of algorithms and data structures. The topics include analysis techniques, sorting, searching, advanced data structures, graphs, string matching, and NP-completeness.

3 Credits

## **Prerequisites**

- Math 301: Discrete Mathematics
- Prerequisite: Csci 211 (minimum grade C-) OR CIS 211 (minimum grade C-) OR Csci 356 (minimum grade C-).
- Pre-Requisite: 24 Earned Hours

## Instruction Type(s)

• Lecture: Lecture for Csci 433

## **Subject Areas**

<u>Computer Science</u>

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