

## Csci 425: Code Generation and Optimization Computer & Information Science

This course examines how machine code is generated and optimized to harness the computing power of modern processors. The course surveys a range of topics including the compilation process and techniques, interface between software and hardware, and program optimizations at different levels (e.g., algorithm, high-level, and assembly level).

3 Credits

## **Prerequisites**

- Csci 211: Computer Science III
- Csci 223: Computer Org. & Assembly Language
- Pre-Requisite: 24 Earned Hours

## Instruction Type(s)

• Lecture: Lecture for Csci 425

## **Subject Areas**

• Computer Science

