

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 223: Computer Org. & Assembly Language

Pre-Requisite: 24 Earned HoursPrerequisite: Csci 211 OR CIS 211

Instruction Type(s)

• Lecture: Lecture for Csci 425

Subject Areas

• Computer Science

