CMPSC 240 Compiler Construction

3 hours

Majors, Minors & Degrees:

Majors
Computer Science (B.A., B.S.)

Departments/Programs:

Mathematics and Computer Science

A capstone course in which students design and implement a compiler as an application of the principles of software engineering, formal language theory, algorithms and data structures. Topics include lexical analysis, parsing, symbol table management, code generation and optimization and use of compiler tools.

Prerequisite(s): Grades of "C" or better in CMPSC-140 and CMPSC-200.

(Normally offered alternate years.)