

# CSIS 405: Formal Languages and Automata

A study of formal language theory, with emphasis on regular and context-free grammars. Topics include: language properties, the Chomsky Hierarchy, Finite State Machines, PDAs, Turing machines, uncomputability, and computational complexity.

**Credits:** 3

**Prerequisites:**

CSIS 225

**Program:** Computer Science

**Semester Offered:** Spring