

Midterm Review

CSE 401/M501

Announcements

- Midterm **TOMORROW!**
- Semantics project due 2 weeks from now, Thursday 11/16
 - Get started early! This lab is known to be harder (or at least longer)
 - Start by thinking about the data structures you will use
- **Required** semantics lab check-in next week.

Midterm topics – full topic list on the web

Compiler structure

Regex and DFA's

Scanners

Grammars and ambiguity

Context-free grammars

LR parsing, tables, conflicts

LL parsing and conflicts

AST's and visitor pattern

Static semantics

Symbol tables

Type checking