



# CSE3302

## Programming Languages (notes continued)

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# Generality and Hierarchy: Algol-60

- Close as possible to standard mathematical notation and readable
- Usable for describing computing processes
- Mechanically translatable to machine language

# Algol Design

- Hierarchical structure / *Nesting*
  - (unlike C & C++)
- Declarative and Imperative constructs
  - Variable, procedure, and switch
  - Computational and control-flow
- Compilation handled differently than Fortran
- Stack for run-time structures

