

School of Information Technology  
and Engineering  
University of Ottawa

## CSI 3125

# Concepts in Programming Languages

## Class Notes

Fall 2000

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### Contents

- Introduction
- History of programming languages
- Language description methods
- Functional programming
- A brief tour of Smalltalk
- Names, binding, type checking, scope
- Data types
- Expressions and assignments
- Control
- Subprograms
- Implementing subprograms
- Data abstraction

### Textbook

R. Sebesta “Concepts of Programming Languages” (4th ed.),  
Addison-Wesley, 1999.