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# CS 350 Programming Language Design Spring 2021

## First Quiz Guide

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### **Date and time**

Mon. Feb. 1<sup>st</sup>, 1:30 – 2:00 P.M. (LA 16)

### Major topics:

#### **Chapter 1: Preliminaries**

- 1.1 Reasons for Studying Concepts of Programming Languages
- 1.2 Programming Domains
- 1.3 Language Evaluation Criteria
- 1.4 Influences on Language Design
- 1.5 Language Categories
- 1.6 Language Design Trade-Offs

#### **Chapter 2: Evolution of programming Languages**

- 2.1 Zuse's Plankalkül
- Languages time line:
- 2.3 Fortran
- 2.4 Lisp
- 2.5 ALGOL
- 2.6 COBOL
- 2.13 Prolog
- 2.14 Ada

#### **Chapter 3: Describing Syntax & Semantics**

- 3.1 Introduction
- 3.2 The General Problem of Describing Syntax
- 3.3 Formal Methods of Describing Syntax
  - BNF
  - Parse tree
  - EBNF