Programming Languages (705 20100)

Spring 2009 (updated 2009-03-18)

Place and Time

Course Web Site

Instructor
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Schedule (subject to adjustment)
02/18 Introduction (1), Computability (2).
02/25 Lisp: Functions, Recursions, and Lists (3).
03/04 Guest lecturer: Chin-Lung Chang. JavaScript.
03/11 Fundamentals (4)
03/18 The Algol Family and ML (5)
03/25 Type Systems and Type Inference (6)
04/01 Scope, Functions, and Storage Management (7)
04/08 Control in Sequential Languages (8)
04/15 mid-term examination
04/22 Data Abstraction and Modularity (9)
04/29 Concepts in Object-Oriented Languages (10)
05/06 History of Objects: Simula and Smalltalk (11)
05/13 Objects and Run-Time Efficiency: C++ (12)
05/20 Portability and Safety: Java (13)
05/27 Concurrent and Distributed Programming (14)
06/03 The Logic Programming Paradigm and Prolog (15)
06/10 Other Topics
06/17 final examination

Textbook

Grade
Homework (50%) and examination (50%).