

Programming Languages (程式語言結構)

大學部必修 CSU0020

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教科書：Concepts of Programming Languages, Addison Wesley; Tenth Edition.
Robert W. Sebesta, Addison-Wesley.

課程內容：“Evolution of the Major Programming Languages”, “Describing Syntax and Semantics, Lexical and Syntax Analysis”, “Names, Bindings, Type Checking and Scopes”, “Data Types”, “Expressions and Assignment Statements”, “Statement-Level Control Structures”, “Subprograms”, “Implementing Subprograms”, “Abstract Data Types”, “Support for Object-Oriented Programming”, “Concurrency”, “Exception Handling”.

補充教材：“Java Programming Language”

課程要求：Exercises, midterm, final, and project.