Department of Electrical and Computer Engineering
University of Puerto Rico
Mayagüez Campus

ICOM 4036 – Structure and Properties of Programming Languages
Course Outline – Fall 2004

Topics	Estimated Hours
Course Introduction and Overview	1.5
Programming Paradigms I: Low-level programming	6
Programming Language Specification & Translation	6
Programming Paradigms II: Imperative Programming	6
EXAM I	1.5
Programming Paradigms III: Functional Programming	6
Programming Paradigms IV: Logic Programming	6
EXAM II	1.5
Programming Paradigms V: Object-Oriented Programming	6
EXAM III	1.5
Programming Paradigms VI: Scripting & Web Programming	3
Advanced Topics: Exceptions, Concurrency	3
FINAL EXAM	N/A
Total number of hours	**45**

Prepared by: Prof. Bienvenido Vélez-Rivera
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