SYLLABUS

I. Title: **CSC 394 Programming Languages**

II. Time and Place: Spring 2014,
MWF 8:30-9:20a.m. RS14;
R 10:00-11:40 a.m. RS223 (virus lab)
Final Examination: Monday, May 5th from 7:30-10:00 a.m.

III. Credit: Four units for 3 lecture hours and 2 lab hours per week

IV. Instructor: Dr. McKinstry, Professor of Computer Science

V. Office Hours: Rohr Science 216; phone: (619) 849-2269; email: mckinstry@pointloma.edu

Monday:	11:00-11:50, 1:30-2:35
Tuesday:	9:30-11:50
Wednesday:	11:00-11:50, 1:30-2:35
Thursday:	-
Friday:	11:00-11:50, 1:30-2:35

VI. Text:
Sebesta, R.W. Concepts of Programming Languages 9/e, Addison-Wesley, San Francisco, 2010.

VII. Position of the course in the college curriculum:

The course is offered as an upper-division requirement for the major in Computer Science.

VIII. Objectives of the course: At the conclusion of the course the student should understand the following:
Overview of programming languages
Virtual machines
Language translation
Declarations and Types
Abstraction mechanisms
Object-oriented programming
Functional programming
Logic programming
Programming language semantics
Programming language design

IX. Course Organization: Class time will be used for:

1. Introduction of material in the text to be assigned.
2. Discussion of assigned material in the text.
3. Discussion of student questions on the test or class material, including exercises attempted.
4. Administering tests.
5. Laboratory projects

X. Attendance: See the College Catalogue for a complete statement.

XI. Student Evaluation:

Laboratory Projects	15%
Homework/quizzes	10%
3 Exams	45%
Compiler Project	10%
Final Exam	20%

Late assignments will be worth 70% if turned in after the class period in which they are due, and are **not accepted** if late by more than 7 days.

Grades will be determined as follows:

93-100%	A
90-92%	A-
87-89%	B+
83-86%	B
80-82%	B-
77-79%	C+
73-76%	C
70-72%	C-
67-69%	D+
63-66%	D
60-62%	D-
0-59%	F

The compiler project will be an individual project.