

# CS210 - Programming Languages

## Course Syllabus

Fall 2020

**Instructor:** Bob Rinker NIC Contact Info: HED 207, rerinker@nic.edu

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**Text:** *Concepts of Programming Languages, 12th Ed*, Robert W. Sebesta, ISBN 0-13-499718-2, Pearson, 2019

No	Day			Topic	Text/Ref
1	Aug	25	T	Intro, Preliminaries	Chap 1
2		27	Th	History and Evolution of the Major Languages	Chap 2
3	Sep	1	T	Syntax and Semantics	Chap 3
4		3	Th	Syntax and Semantics	Chap 3
5		8	T	Lexical and Syntax Analysis	Chap 4
6		10	Th	Lexical and Syntax Analysis	Chap 4
7		15	T	Lexical and Syntax Analysis	Chap 4
8		17	Th	Names, Bindings Scopes	Chap 5
9		22	T	Data Types	Chap 6
10		24	Th	Data Types	Chap 6
11		29	T	Expressions and Assignment Statements	Chap 7
12	Oct	1	Th	Expressions and Assignment Statements	Chap 7
13		6	T	Control Structures	Chap 8
		8	Th	**** Test 1 ****	
14		13	T	Exam Review, Control Structures	Chap 8
15		15	Th	Subprograms	Chap 9
16		20	T	Subprograms	Chap 9
17		22	Th	Subprogram Implementation	Chap 10
		27	T	***Advising Day - No Class	
18		29	Th	Abstract Data Types, Encapsulation Constructs	Chap 11
19	Nov	3	T	Object-Oriented Programming	Chap 12
20		5	Th	Object-Oriented Programming	Chap 12
21		10	T	Concurrency	Chap 13
22		12	Th	Exception ans Event Handling	Chap 14
23		17	T	Functional Programming Languages	Chap 15
		19	Th	**** Test 2 ****	
24		24	T	Exam Review, Functional P:rogramming Languages	Chap 15
		26	Th	**** Thanksgiving Break ****	
25	Dec	1	T	Functional Programming Languages	Chap 15
26		3	Th	Functional Programming Languages	Chap 19
27		8	T	Logic Programming Languages	Chap 18
28		10	Th	Logic Programming Languages, Final Exam Review	Chap 18

**Final:** Tuesday, December 15, 2:00-4:00 PM

### Grading:

Two Hour Tests (20% ea)	40%
Final Exam	25%
Quizzes	15%
Homework/Projects	20%
Total	100%

The instructor reserves the right to adjust these percentages slightly if deemed necessary.