

**2+2 in Computer Science Programming
Academic Year 2013-2014**

Lincoln Land Community College



**UNIVERSITY OF ILLINOIS
SPRINGFIELD**

General Education Curriculum		
Course Number	Course Title	Hours
COM 111	Composition I	3
COM 112	Composition II	3
SPE 101	Public Speaking	3
MAT 141	Introductory Statistics	4
MAT 130	Calculus for Business & Soc. Science	4
	OR	
MAT 131	Calculus and Analytical Geometry	5
MAT 140	Finite Math OR	4
MAT 220	Discrete Math	3
ECO 110	Elements of Economics OR	3
ECO 131	Principles of Economics I	3
ECO 132	Principles of Economics II	3
POS 101	Introduction to American Politics OR	3
POS 201	State and Local Government	3
	Social Sciences Selection	0-3
	Humanities Selection	9
	Life Science Selection	3-4
	Physical Science Selection	3-4
Foundation Requirement		
CNC 135	Introduction to IIS/Networks	3
CPC 115	Computer Programming Concepts	3
CPC 175	Database Design	3
CSC 115	Understanding Technology Today	3
CSC 175	Computer Science I	3
CSC 176	Computer Science II	3
Electives		
Total		59-69

CSC Requirements-Programming		
Course Number	Course Title	Hours
CSC 305	Entrance Assessment	0
CSC 376	Computer Organization	4
CSC 387	Foundations of Computer Science	4
CSC 389	Introduction to Operating Systems	4
CSC 368	Systems Programming Languages OR	4
CSC 438	Security and Information Assurance	4
	Capstone	
CSC 388	Programming Languages OR	4
CSC 487	Software Engineering Capstone	4
	CSC Program Electives	12
Upper Division Electives		
	General Electives	11
Engaged Citizenship Common Experience (ECCE) (13 hrs)		
	A combination of Global Awareness, U.S. Communities, Speaker's Series and Engaged Experience Courses	13
Total		56

Illinois Articulation Initiative General Education Core Curriculum Requirements:

Subject Area:	Courses:	Semester Hours:
Communication	Two writing courses and one oral communication course.	9
Mathematics	One or two courses.	3-6
Physical and Life Sciences	Two courses: select one physical science, one life science OR , two interdisciplinary science courses (LP900 or LP900L and LP 901 or LP901L. At least one must be a laboratory course.	7-8
Humanities and Fine Arts	Select at least one humanities course and at least one fine arts course; the third may be either.	9
Social and Behavior Sciences	Select 3 courses from at least two different disciplines.	9