2+2 in Computer Science Programming Academic Year 2012-2013

Lincoln Land Community College



General Education Curriculum Course Course Title Hours Number COM 111 Composition I 3 3 COM 112 Composition II SPE 101 **Public Speaking** 3 4 **MAT 141 Introductory Statistics MAT 130** Calculus for Business & Soc. Science 4 OR **MAT 131** Calculus and Analytical Geometry 5 **MAT 140** Finite Math OR 4 3 **MAT 220** Discrete Math 3 ECO 110 Elements of Economics OR 3 ECO 131 Principles of Economics I Principles of Economics II 3 ECO 132 POS 101 Introduction to American Politics OR 3 POS 201 3 State and Local Government 0-3 Social Sciences Selection **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 Computer Science II CSC 176 Electives

Total

University of Illinois Springfield

CSC Requirements-Programming			
Course	Course Title	Hours	
Number			
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 Capstone	4	
CSC 388	Programming Languages OR	4	
CSC 487	Software Engineering Capstone	4	
	CSC Program Electives	12	
	Upper Division Electives		
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	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 ,	7-8
	two interdisciplinary science courses (LP900 or LP900L and LP	
	901 or LP901L. At least one must be a laboratory course.	
Humanities and Fine Arts	Select at least one humanities course and at least one fine arts	9
	course; the third may be either.	
Social and Behavior Sciences	Select 3 courses from at least two different disciplines.	9

59-69