Advising Guide for 2+2 in Computer Science
Academic Year 2013-2014

General Education Curriculum			Computer Science Course Work		
Course Number	**Course Title**	**Hours**	**Course Number**	**Course Title**	**Hours**
MATH C150	Finite Mathematics w' Applications	4	CSC 225	Computer Programming Concepts I	3
ENGLC100	Freshman Composition	3	CSC 275	Computer Programming Concepts II	3
ENGL C111	Composition and Literature	3	CSC 305	Entrance Assessment	3
PHIL C120	Ethics	3	CSC 385	Data Structures and Algorithms	4
HUM C135	History/Appreciation of Cinema	3	CSC 368	Systems Programming Languages	4
HIS C170	U.S History to 1876	3	CSC 387	Foundations of Computer Science	4
PSCI C180	American Government	3	CSC 389	Introduction to Operating Systems	4
PSYCH C116	Child Growth/Development	3	CSC 376	Computer Organization	4
SOC C110	Intro to Marriage and Family	3	General Education		
GEOL C105	General Geology	3	COM 112	Oral Communication	3
GEOL C105L	General Geology Lab	1			
BIO C100	Introduction to Biology	3			
COUN C105	Strategies for College Success	3			
Foundation Requirements					
These courses are lower division foundation course requirements.			Information Security Courses		
MATHC140	Business Calculus	4	CSC 438	Systems Security and Info Assurance	4
CST C116	A+ Essentials Hardware	3		Security Electives	12
CST C191	Comp Tia Linux	3			
CSTC201	Cisco Fundamentals/CCNA 1	3			
CST 230	Security Essentials	3			
MATH C160	Introduction to Statistics	4			
Electives			Engaged Citizenship Common Experience (ECCE) (12 hrs)		
CST C128	Networking+/Intro. To Networking	3	ECCE	ECCE US Communities	3
CST C188	Configuring MS Windows 7	3	SOA 458 or ENG 381	ECCE:Gbl Soc Chg/Trnsntl Mvmts **or** Graphic Novel*	4
			ECCE	UIS Speaker's Series	1
			ECCE	Internship/Engagement	3
Total		**64**	**Total**		**56**

Illinois Articulation Initiative General Education Core Curriculum Requirements:

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 LP901 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

EXHIBIT -B-

Learning First 4 Year Class Schedule/Degree Plan
University of Illinois Springfield CSC/Coastline Community College

Course	School-Course #	Units	Gen Ed category
Semester 1			
Strategies for College Success	Coastline – COUN 105	3	
Freshman Composition	Coastline - ENGL 100	3	COM
Introduction to Marriage and Family	Coastline – SOC 110	3	SS
A+ Essentials Hardware	Coastline – CST 116	3	
Computer Programming Concepts I	UIS – CSC 225	3	Total – 15
Semester 2			
Finite Mathematics with Applications	Coastline – MATH 150	4	MATH
Composition and Literature	Coastline – ENGL 111	3	COM
Network+/Intro to Networking	Coastline – CST 188	3	
U.S. History to 1876	Coastline – HIS 170	3	HUM
Computer Programming Concepts II	UIS – CSC 275	3	Total – 16
Semester 3			
Configuring MS Windows 7	Coastline – CST 128	3	
Business Calculus	Coastline – MAT 140	3	
CompTia Linux	Coastline – CST 191	4	
Child Growth/Development	Coastline – PSYCH 116	3	SS
Entrance Assessment	UIS – CSC 305	0	
Data Structures and Algorithms	UIS – CSC 385	4	Total – 17
Semester 4			
Global Social Change/Transnational Movements **or** Graphic Novel	UIS – SOA 458 **or** ENG 381	4	HUM/ECCE Global Awareness
Cisco Fundamentals/CCNA 1	Coastline – CST 201	3	
Security Essentials	Coastline – CST 230	3	
Introduction to Statistics	Coastline – MATH 160	4	Total –14
Semester 5			
General Geology	Coastline – GEOL 105	3	Physical Science
General Geology Lab	Coastline – GEOL 105L	1	Phys. Science Lab
American Government	Coastline – PSCI 180	3	SS
Foundations of Computer Science	UIS – CSC 387	4	
Oral Communication	UIS – COM 112	3	COM
Speakers Series	UIS – UNI 301	1	ECCE
			Total - 15
Semester 6			
Introduction to Biology	Coastline – BIO 100	3	Life Science
History/Appreciation of Cinema	Coastline – HUM 135	3	HUM/FA
Systems Programming Languages	UIS – CSC 368	4	
Security Elective	UIS – CSC	4	
			Total – 14
Semester 7			
Computer Organization	UIS – CSC 376	4	
Intro Operating Systems	UIS – CSC 389	4	
Security Elective	UIS – CSC	4	
Security Elective	UIS – CSC	4	Total - 16
Semester 8			
Ethics	Coastline – PHIL 120	3	HUM
Course to be determined	UIS	3	ECCE – US Communities
Systems Security and Info Assurance	UIS – CSC 438	4	
Internship	UIS – EXL	3	ECCE – Engagement
			Total – 16