Advising Guide for 2+2 in Computer Science[1]
Academic Year 2013-2014

Lake Land College

UNIVERSITY OF ILLINOIS SPRINGFIELD

General Education Curriculum

Course Number	Course Title	Hours
ENG 120	Composition I	3
ENG 121	Composition II	3
SPE 111	Intro to Speech Communication	3
	Humanities/Fine Arts	9
	Physical/Life Science	7
	Social Science	9

Foundation Requirements
These courses are lower division foundation course requirements for associate degree.

Course Number	Course Title	Hours
CIS 162	Object-Oriented Programming I	3
CIS 164	Object-Oriented Programming II	3

Additional Required Mathematics

Course Number	Course Title	Hours
MAT 211	Business Calculus or Calculus	4
MAT 210	Discrete or Finite Mathematics	4
BUS 281	Statistics	3

Electives

	Transferrable Courses	21

Requirements for Associate in Applied Science Degree in Programming or Web Technology at Lake Land College can be found at
http://www.lakeland.cc.il.us/as/bus/index.cfm

Total[2]		72

Computer Science Core
Required courses for all CSC undergraduate students (24 hours)

Course Number	Course Title	Hours
CSC 305	Entrance Assessment	0
CSC 376	Computer Organzation	4
CSC 385	Data Structures & Algorithms	4
CSC 387	Foundations of Computer Science	4
CSC 388	Programming Languages	4
CSC 389	Intro to Operating Systems	4
CSC 478	Software Engineering Capstone	4
CSC 405	Exit Assessment	0

Computer Science Electives
Required CSC Sofware Courses (12 hours)

	CSC Elective	4
	CSC Elective	4
	CSc Elective	4

General Electives

ECCE Engagement Experience (AST 300)		2

Engaged Citizenship Common Experience (ECCE) (13 hrs)

ECCE US Communities (CSC 442 recommended)		3
ECCE Global Awareness (CSC 315 recommended)		3
ECCE Engagement Experience (AST 300)		3
ECCE UIS Speaker's Series		1

Total		48

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

[1]Subject to curricular changes or revisions

[2]A maximum of 72 hours of lower division transfer credit may be applied towards this bachelor's degree program

[3] The UIS Computer Science Department *may consider* allowing students to transfer lower-division
   CSC electives as part of the 72 hours. Hower, students must earn at least 48 hours of credit at the upper-division level.

5.24.11

James Ermatinger	Date	Ted Mims	Date

Dean, College of Liberal Arts and Science   Chair, Department of Computer Science