



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

CVTC Program: IT-Software Developer

Lakeland College Program: Computer Science, Information Systems Emphasis

Minimum GPA for admission: 2.0

Initial effective date:

General Education Courses

CVTC			Lakeland		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-804-189	Introductory Statistics	3	MAT 220	Probability and Statistics / A Mathematics course	3
10-801-136	English Composition I	3	GEN 110	Composition I	3
10-801-196	Oral/Interpersonal Comm	3	COM 111	Introduction to Public Speaking	3
10-809-199	Psychology of Human Relations	3		A Social Sciences course	3
10-809-196	Intro to Sociology	3	SOC 100	Introduction to Sociology / A Social Sciences course	3
10-804-133	Math & Logic	3	MAT 250	Discrete Mathematics/ A Mathematics course	3
10-801-197	Technical Reporting	3		An elective course	3
Total general education credits earned:		21	Total general education credits accepted:		21
Total transferable general education credits:		21			

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-152-101	Programming Fundamentals	3	CPS 200	Programming I	3
10-152-102	IT-Software Dev Exploration	1		An elective course	1
10-152-106	Operating Systems	2		An elective course	2
10-152-107	Web 1 - HTML & CSS	3	CPS 280	Special Topics in Computer Science	3
10-152-132	Database 1	3	CPS 210	Database Basics	3
10-152-103	.NET Application Development	3		An elective course	3
10-152-105	.NET-ASP	3		An elective course	3
10-152-108	Web 2 - JavaScript	3		An elective course	3
10-152-136	Database 2	3		An elective course	3
10-152-142	OO Analysis & Design-Java	3	CPS 315	Object-Oriented Programming I	3
10-152-114	Objective C Programming-Cocoa	3	CPS 280	Special Topics in Computer Science	3
10-152-129	Java Web Programming	3	CPS 316	Object-Oriented Programming II	3
10-152-159	Web Multimedia	3		An elective course	3
10-152-112	Business Intelligence	3		An elective course	3
10-152-126	Agile Prog w Design Patterns	3		An elective course	3
10-152-164	Database-Driven Web Design/Dev	3		An elective course	3
10-152-166	IT-Software Dev Capstone --OR--	2		An elective course	2
10-152-182	IT-Software Dev Internship	2			
Total occupational course credits earned:		47	Total occupational course credits accepted:		47
Elective credits allowed:		0	Elective credits allowed:		0
Total credits required for graduation:		68	Total credits accepted at Lakeland College:		68
Total transferable credits:		68			

NOTE: Transfer credits noted assume completed Associate's Degree.

Courses needed to complete degree at Lakeland College:

Course No.	Course Title	Credits
GEN 112	Composition II	3
Complete a minimum of 3 credits from 5 of the following 6 categories (15 credits)		
	Art, Music and Theatre	
	History and Political Science	
	Philosophy and Religion	
	Literature and Writing	
	Natural Sciences	
	World Languages	
GEN 3XX	Core II: Exploring the Human Condition	3
GEN 4XX	Core III: Shaping the Future	3
CPS 212	Programming II	3
CPS 362	Introduction to Data Structures	3
CPS 442	Data Management, Warehousing and Mining	3
CPS 445	Systems Analysis and Design (WI)	3
BUS 310	Management Information Systems	3
CPS 314	Programming Languages --OR--	3
CPS 221	COBOL Programming	3
CPS 452	Information Technology Project Management	3
CPS 455	Predictive Analytics	3
	Elective credits to reach required 120	4
Total credits needed at Lakeland College to complete degree:		52

Core

Emph