TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS
CVTC Program: IT-Mobile 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**
10-801-219	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
10-804-189	Introductory Statistics	3	MAT 220	Probability and Statistics/ A Mathematics course	3
10-801-197	Technical Reporting	3		An elective course	3
	Total general education credits earned:	**21**			
	Total transferable general education credits:	21		**Total general education credits accepted:**	**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	A Computer Science Special Topics course	3
10-152-132	Database 1	3	CPS 210	Database Basics	3
10-152-103	.NET Application Development	3		An elective course	3
10-152-108	Web 2 - JavaScript	3		An elective course	3
10-152-114	Objective C Programming-Cocoa	3	CPS 280	A Computer Science Special Topics course	3
10-152-129	Java Web Programming	3	CPS 316	Object-Oriented Programming II	3
10-152-142	OO Analysis & Design - Java	3	CPS 315	Object-Oriented Programming I	3
10-152-115	Mobile Application Dev 1 - IOS	3		An elective course	3
10-152-151	Mobile Application Development	3	CPS 435	Mobile Application Development	3
10-152-136 / 10-152-161	Database 2 --OR-- 3D Modeling 1	3		An elective course	3
10-152-116	Mobile Application Dev 2 - IOS	3		An elective course	3
10-152-159	Web Multimedia	3		An elective course	3
10-152-162 / 10-152-168	3D Game/Simulation Programming ^ --OR-- Multimedia Program & Design ^	3	CPS 280	A Computer Science Special Topics course / An elective course	3
10-152-166 / 10-152-182	IT-Software Dev Capstone --OR-- IT-Software Dev Internship	2		An elective course	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 transferable credits:	**68**		**Total credits accepted at Lakeland College:**	**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	
		Literature and Writing	
		Philosophy and Religion	
		Natural Sciences	
		World Languages	
	GEN 3XX	Core II: Exploring the Human Condition	3
	GEN 4XX	Core III: Shaping the Future	3
Core	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
Emph	BUS 310	Management Information Systems	3
	CPS 314 / CPS 221	Programming Languages --OR-- 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**