



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

CVTC Program: IT-Mobile Developer

Lakeland College Program: Computer Science, Software Design 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 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	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
10-152-142	Mobile Application Development	3	CPS 435	Mobile Application Development	3
10-152-136	Database 2 --OR--	3		An elective course	3
10-152-161	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	3D Game/Simulation Programming ^ --OR--	3	CPS 280	A Computer Science Special Topics course	3
10-152-168	Multimedia Program & Design ^	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		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.

*** Course option dependent upon required course chosen in emphasis**

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	3
	CPS 362	3
	CPS 442	3
	CPS 445	3
Emph	CPS 221	3
	CPS 313	3
	CPS 314	3
	Complete a minimum of 3 semester hours from the following:	3
	CPS 221	3
	CPS 250	3
	CPS 313	3
	CPS 323	3
	CPS 325	3
	CPS 420	3
	CPS 425	3
	CPS 450	3
	CPS 452	3
	CPS 455	3
	CPS 480	3
	Up to four (4) semester hours from the following non-CPS courses:	
	BUS 310	3
	MAT 370	3
	A foreign language	3
	Elective credits to reach required 120	4
	Total credits needed at Lakeland College to complete degree:	52