



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

CVTC Program: IT-Mobile Developer

Lakeland College Program: Computer Science, Computer Science 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	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	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 credits accepted at Lakeland College:		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
	<i>At least 9 semester hours from the following:</i>		9
Emph	CPS 221	COBOL Programming	
	CPS 250	Information Security and Forensics I	
	CPS 313	Advanced Programming	
	CPS 314	Programming Languages	
	CPS 323	Computer Architecture	
	CPS 325	Networking and Telecommunications	
	CPS 420	Operating Systems	
	CPS 425	Artificial Intelligence	
	CPS 450	Information Security and Forensics II	
	CPS 452	Information Technology Project Management	
	CPS 455	Predictive Analytics	
	CPS 480	Special Topics in Computer Science	
<i>Up to four (4) semester hours from the following non-CPS courses:</i>			
	BUS 310	Management Information Systems	
	MAT 370	Numerical Analysis	
		A foreign language	
		Elective credits to reach required 120	7
Total credits needed at Lakeland College to complete the degree:		52	