



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS
Program: IT-Mobile Applications Developer 1718 Academic Year
Lakeland University Program: Management Information Systems
Minimum GPA for admission: 2.0
Review Date: 9/6/17

General Education Courses

Madison College			Lakeland		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-801-195	Written Communication	3	GEN 110	Composition I	3
10-809-199	Psychology Of Human Relations	3		A Social Sciences course	3
10-801-196	Oral/Interpersonal Communication	3	COM 111	Fundamentals of Public Speaking	3
10-804-144	Math of Finance	3		An elective course	3
10-809-197	Contemporary American Society	3		A Social Sciences course	3
Total general education credits earned:		15	Total general education credits accepted:		15

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-107-111	Exploration of Information Technology	1		An elective course	1
10-151-102	IT Security Awareness	1		An elective course	1
10-152-119	Introduction to Programming with JavaScript	3	CPS 200	Programming I	3
10-152-120	Website Development-HTML5	3	CPS 280	Special Topics in Computer Science	3
10-152-124	Introduction to Databases	3	CPS 210	Database Basics	3
10-152-111	Java Programming	3	CPS 315	Object-Oriented Programming I	3
10-152-121	Advanced Website Development--XML	3		An elective course	3
10-152-125	SQL Database Programming	3		An elective course	3
10-152-130	Systems Design	3	CPS 445	Systems Analysis & Design	3
10-107-175	Preparation for an IT Career	1		An elective course	1
10-152-112	Advanced Java Programming	3	CPS 316	Object-Oriented Programming II	3
10-152-131	Systems Analysis	3		An elective course	3
10-152-139	iOS Development	3		An elective course	3
10-152-168	AJAX and JavaScript Web Development	3		An elective course	3
10-152-174	IT Mobile Development Internship	3	CPS 400	Internship in Computer Science	3
10-152-189	Android Applications Development	3	CPS 435	Mobile Application Development	3
	Recommended elective or general elective	3			
Total of Occupational/Elective		45			
Total transferable credits:		60			
NOTE: Transfer credits noted assume completed Associate's Degree.					
				Total of Occupational/Elective	42
				Total transferable credits:	60

Courses needed to complete degree at Lakeland University:

Course No.	Course Title	Credits
GEN 112	Composition II	3
MAT 130	Intermediate Algebra	3
Complete a min. of 3 semester credits in 6 of the 7 categories listed below:		
	Number of semester hours still needed	18
	Mathematics	
	World Languages	
	History & Political Science	
	Art, Music & Theatre	
	Philosophy & Religion	
	Natural Science	
	Literature and Writing	
GEN3XX	CORE II	3
GEN 4XX	CORE III	3
ACC 210	Financial Accounting Principles	3
BUS 200	Business & Professional Protocol	2
BUS 330	Management Principles	3
BUS 340	Principles of Business Finance	3
BUS 350	Marketing Principles	3
BUS 410	Business Law I	3
BUS 491	Business Policy & Strategy (WI)	3
CPS 442	Data Management, Warehousing & Mining	3
CPS 452	Information Technology Project Management	3
CPS 455	Predictive Analytics	3
ECN 230	Principles of Microeconomics	3
ECN 235	Principles of Macroeconomics	3
MAT 250	Discrete Mathematics	3
Total credits needed at Lakeland University to complete degree:		68