



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS
 Gateway Program: Information Technology - Software Developer Academic Year 2122
 Lakeland University Program: Management Information Systems-Academic Year 2021-2022
 Minimum GPA for admission: 2.0
 Review Date: 11/2021

General Education Courses					
Technical College			Lakeland		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
801-136	English Composition 1	3	GEN 110	Composition I: Academic Writing	3
804-135	Quantitative Reasoning OR	3-5	MAT 120	Quantitative Reasoning	3-5
	College Technical Math 1		MAT 140	Advanced Algebra	
809-195	Economics OR	3	ECN 235	Macroeconomics	3
	Microeconomics		ECN 230	Microeconomics	
801-197	Technical Reporting	3	WRT 335	Technical Writing	3
809-198	Introduction to Psychology	3	PSY 200	General Psychology	3
890-155	Gateway to Success	1	ELEC	General Elective	1
Total general education credits earned:			Total general education credits accepted:		
16-18			16-18		

Course No.	Course Title	Credits	Course No.	Course Title	Credits
107-011	IT in Business	3		An elective course	3
152-093	IBM Advanced Java Programming	3	CPS 316	Object-Oriented Programming II	3
152-105	IBM Enterprise Systems Concepts	2		An elective course	3
152-122	Computer Programming RBG/IV (ILE)	3		An elective course	3
152-125	Computer Programming RBG/IV (ILE) Adv.	3		An elective course	3
152-126	Intro to Programming and Database Concepts	4	CPS 200	Programming I	4
152-131	Systems Design/Development	3	DAT 445	Systems Analysis & Design (Writing Intensive)	3
152-133	IBM Control Language	2		An elective course	2
152-141	Java Programming - IBM Systems	3	CPS 315	Object-Oriented Programming I	3
152-145	Internet Programming	3	CPS 280	Special Topics in Computer Science	3
152-151	Microcomputer Prog. Advanced	3		An elective course	3
152-158	DB2/UDB Programming	3	DAT 210	Database Basics	3
152-164	Mobile Device Programming	3	CPS 435	Mobile Application Development	3
152-167	Zend (PHP) Application Programming	3		An elective course	3
152-168	IBM and .NET Enterprise Programming	3	CPS 280	Special Topics in Computer Science	3
	Elective course	3		An elective course	3
Total of Occupational/Elective		47	Total of Occupational/Elective		47
Total transferable credits:		63-65	Total transferable credits:		63-65

NOTE: Transfer credits noted assume completed Associate's Degree.
 *Both courses must be completed to fulfill requirement

Courses needed to complete degree at Lakeland University:		
Course No.	Course Title	Credits
GEN 112	Composition II: Argumentation & Research	3
GEN 3XX	CORE II: Exploring the Human Condition	3
GEN 4XX	CORE III: Shaping the Future	3
ACC 210	Financial Accounting Principles	3
BUS 330	Management Principles	3
BUS 340	Principles of Business Finance	3
BUS 410	Business Law I	3
BUS 491	Business Policy and Strategy (WI)	3
DAT 442	Data Management and Warehousing	3
DAT 452	Information Technology Project Management	3
DAT 455	Predictive Analytics	3
ECN 230 OR	Principles of Microeconomics OR	3
ECN 235	Principles of Macroeconomics	
EXP 100	Professional Protocol	1
MAT 250	Discrete Mathematics	3
MKT 350	Marketing Principles	3
BUS 400 OR	Business Internship OR	3
CPS 400	Internship in Computer Science	
Electives needed to reach the 120 credit minimum:		9 to 11
Total credits needed to complete Lakeland University degree:		55 to 57
If student wishes to complete Cooperative Education emphasis, there is a specific MIS option that includes completion of the following (+22-26 total hours):		
EXP 300	Experiential Learning Seminar (1 credit)	
EXP 301	Work, Ethics, and the Good Life (1 credit)	
EXP 390	Cooperative Education Experience OR for a total of 20-24 hours) Completed twice, one experience must be in MIS 390 OR	
MIS 390	Cooperative Education Experience MIS	
EXP 391	Cooperative Education Experience OR (0 credit course) Completed once, during a summer term.	
MIS 391	Cooperative Education Experience MIS (0 credit course)	