



**TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS**  
 Gateway Program: Information Technology - Network Specialist Academic Year 2122  
 Lakeland University Program: Management Information Systems-Academic Year 2021-2022  
 Minimum GPA for admission: 2.0  
 Review Date: 9/2021

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	3	MAT 120	Quantitative Reasoning	3
809-196	Introduction to Sociology	3	SOC 100	Introduction to Sociology	3
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	GEN 103	College Success Seminar	1
<b>Total general education credits earned:</b>		<b>16</b>	<b>Total general education credits accepted:</b>		<b>16</b>

Occupational Courses					
Course No.	Course Title	Credits	Course No.	Course Title	Credits
107-011	IT in Business	3		An elective course	3
107-013	IT Job Skills	1	EXP 100	Professional Protocol	1
107-193	IT Essentials	3	CPS 100	Introduction to Computers	3
150-114	Network Concepts CCNA	3	CPS 325	Networking & Telecommunications	3
150-119	Network Admin MS 1 2019	3		An elective course	3
150-120	Network Admin MS 2 2019	3		An elective course	3
150-124	Routing CCNA	3		An elective course	3
150-136	Server Technologies	3		An elective course	3
150-145	IT Scripting	3		An elective course	3
150-150	Red Hat Enterprise Linux 1	3	*CPS420	Operating Systems	3
150-151	Red Hat Enterprise Linux 2	3	*CPS420	Operating Systems	3
150-181	Cloud Technologies	4		An elective course	4
150-182	IoT: Connecting Devices	3		An elective course	3
150-183	VCP Virtualization	3		An elective course	3
150-194	Network Security	3	CPS 280	Special Topics in Computer Science	3
<b>Total of Occupational/Elective</b>		<b>44</b>	<b>Total of Occupational/Elective</b>		<b>44</b>
<b>Total transferable credits:</b>		<b>60</b>	<b>Total transferable credits:</b>		<b>60</b>

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 210	Database Basics	3
DAT 442	Data Management and Warehousing	3
DAT 445	Systems Analysis and Design (WI)	3
DAT 452	Information Technology Project Management	3
DAT 455	Predictive Analytics	3
ECN 230	Principles of Microeconomics	3
ECN 235	Principles of Macroeconomics	3
MAT 250	Discrete Mathematics	3
MKT 350	Marketing Principles	3
BUS 400 OR CPS 400	Business Internship OR Internship in Computer Science	3
<b>Three semester hours from the following:</b>		
BUS 305	Survey of the United States Healthcare System	
BUS 325	The Insurance Industry	
BUS 335	Study Abroad in Business	
BUS 445	Logistics and Supply Chain Management	
CPS 212	Programming II	
CPS 315	Object-Oriented Programming I	
CPS 435	Mobile Application Development	
CYS 250	Foundations of Cybersecurity	
CYS 450	Ethical Hacking & Penetration Testing	
Electives needed to reach the 120 credit minimum:		3
<b>Total credits needed to complete Lakeland University degree:</b>		<b>60</b>
If student wishes to complete a 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 (total of 20-24 hours) <b>Completed twice, one experience must be in MIS 390 ) OR</b>	
MIS 390	Cooperative Education Experience MIS	
EXP 391	Cooperative Education Experience OR (0 credit course) <b>Completed once, during a summer term.</b>	
MIS 391	Cooperative Education Experience MIS (0 credit course)	