TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS
NTC Program: IT - NETWORK SPECIALIST UNIFIED COMM

Lakeland University Program: Computer Science
Minimum GPA for admission: 2.0
Initial effective date:

General Education Courses

NTC			Lakeland University		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-801-196 10-801-198	Oral/Interpersonal Communications OR Speech	3	COM 111	Fundamentals of Public Speaking	3
10-801-195 10-801-136	Written Communication OR English Composition 1	3	GEN 110	Composition I	3
10-809-103	Think Critically & Creatively	3	GEN 130	Core I: Foundations of Critical Thinking	3
10-801-197	Technical Reporting	3	WRT 335	Technical Writing	3
10-809-199 10-809-198	Psychology of Human Relations OR Intro to Psychology	3	PSY ELEC PSY 200	Psychology Elective General Psychology	3
10-804-133	Math & Logic	3		An elective course	3
	Total general education credits earned:	**18**			
	Total transferable general education credits:	18		**Total general education credits accepted:**	**18**

Occupational Courses

Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-150-185	Cisco 1 - Network Communications 1	3	CPS 325	Networking & Telecommunications	3
10-150-114	Principles of Information Security	2		An Elective course	2
10-150-186	Cisco 2 - Network Communications 2	3		An Elective course	3
10-150-121	Network Administration 1	3	CPS 420#	Operating Systems	3
10-150-176	Command-Line Shells & Shell Scripting	3		An Elective course	3
10-150-122	Network Administration 2	3	CPS 420#	Operating Systems	3
10-150-187	Cisco 3 - Network Communications 3	3		An Elective course	3
10-150-181	Enterprise Virtual Servers	3		An Elective course	3
10-150-124	Network Security	3	CPS 280	Special Topics in Computer Science	3
10-150-182	Network Troubleshooting	3		An Elective course	3
10-150-188	Cisco 4 - Network Communications 4	3		An Elective course	3
10-150-500	Fundamentals of IT Systems	3		An Elective course	3
10-150-501	Unified Communications	3		An Elective course	3
10-150-502	Network Operations Management	3		An Elective course	3
10-152-398 10-152-399	IT Career Skills OR IT Internship	1		An Elective course An Elective course	1

Total occupational course credits earned:	**42**		**Total occupational course credits accepted:**	**42**
Total credits required for graduation:	**60**			
Total transferable credits:	**60**		**Total credits accepted at Lakeland University:**	**60**

Courses needed to complete degree at Lakeland University:

Both courses needed to fulfill requirement

Course No.	Course Title	Credits
GEN 112	Composition II: Argumentation and Research	3
GEN 3XX	Core II: Exploring the Human Condition	3
GEN 4XX	Core III: Shaping the Future (Writing Intensive)	3
CPS 200	Programming I	3
CPS 210	Database Basics	3
CPS 212	Programming II	3
CPS 362	Introduction to Data Structures	3
CPS 442	Data Management, Warehousing & Mining	3
CPS 445	Systems Analysis & Design (Writing Intensive)	3
MAT 250	Discrete Mathematics	3
	Complete one area of emphasis	
	Computer Science Emphasis: 15 semester hours from the following:	15
CPS 221	COBOL Programming	
CPS 250	Cybersecurity I	
CPS 313	Advanced Programming	
CPS 314	Programming Languages	
CPS 315	Object-Oriented Programming I	
CPS 316	Object-Oriented Programming II	
CPS 323	Computer Architecture	
CPS 400	Internship in Computer Science	
CPS 425	Artificial Intelligence	
CPS 435	Mobile Application Development	
CPS 450	Cybersecurity II	
CPS 452	Information Technology Project Management	
CPS 455	Predictive Analysis	
CPS 480	Special Topics in Computer Science	
CPS 490	Independent Study in Computer Science	
	Up to four semester hours from the following non-CPS designated courses	
BUS 301	Management Information Systems	
MAT 370	Numerical Analysis	
	A foreign language course	

	Additional general electives needed for degree completion	15
	Information Systems Emphasis: 15 total	15
BUS 301	Management Information Systems	
CPS 314	Programming Languages	
OR CPS 221	**OR** COBOL Programming	
CPS 315	Object-Oriented Programming I	
CPS 452	Information Technology Project Management	
CPS 455	Predictive Analysis	
	Additional general electives needed for degree completion	15
	Software Design Emphasis: 15 total	15
CPS 313	Advanced Programming	
OR CPS 221	**OR** COBOL Programming	
CPS 314	Programming Languages	
CPS 315	Object-Oriented Programming I	
CPS 316	Object-Oriented Programming II	
CPS 435	Mobile Application Development	
	Additional general electives needed for degree completion	15
Total credits needed to complete degree any emphasis:		**60**

Disclaimer: Students planning to transfer should contact NTC's Transfer Specialist and transfer personnel at Lakeland University for the most current transfer information.

Updated on: 12/7/18