



**Northcentral**  
TECHNICAL COLLEGE

**TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS**

NTC Program: IT - Cybersecurity Specialist

Lakeland University Program: Computer Science w/ Cybersecurity emphasis

Minimum GPA for admission:3.0

Initial effective date: Fall 2022

**General Education Courses**

NTC			Lakeland University		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-890-165	College 101	1	GEN 103	College Success Seminar	1
10-801-196	Oral/Interpersonal Communications <u>OR</u>	3	COM111	Fundamentals of Public Speaking	3
10-801-198	Speech				
10-801-197	Technical Reporting	3	WRT 335	Technical Writing	3
10-801-195	Written Communication <u>OR</u>	3	GEN110	Composition I: Academic Writing	3
10-801-136	English Composition 1				
10-809-103	Think Critically & Creatively	3	GEN 130	Core I: Foundations of Critical Thinking	3
10-809-199	Psychology of Human Relations <u>OR</u>	3		An elective course	3
10-809-198	Intro to Psychology		PSY200	General Psychology	
10-804-133	Math & Logic	3		An elective course	3
<b>Total general education credits earned:</b>		<b>19</b>			
Total transferable general education credits:			<b>Total general education credits accepted:</b>		<b>19</b>

**Occupational Courses**

Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-150-114	Principles of Information Security	2	%CYS 250	Foundations of Cybersecurity	2
10-150-185	CISCO 1 - Network Communications 1	3	CPS 325	Networking & Telecommunications	3
10-154-100	Computer Fundamentals 1	3		An elective course	3
10-154-102	Computer Fundamentals 2	3		An elective course	3
10-150-121	Windows Server 1	3	*CPS 420	Operating Systems	3
10-150-122	Linux Server 1	3	*CPS 420	Operating Systems	3
10-150-186	CISCO 2 - Network Communications 2	3		An elective course	3
10-150-503	Command-Line Shells and Shell Scripting 1	1		An elective course	1
10-150-504	Command-Line Shells and Shell Scripting 2	1		An elective course	1
10-150-505	Command-Line Shells and Shell Scripting 3	1		An elective course	1
10-151-100	Programming for Security Pros	1		An elective course	1
10-151-101	Footprinting and Social Engineering	1	%CYS 250	Foundations of Cybersecurity	1
10-151-102	Vulnerability Analysis	1	%CYS 250	Foundations of Cybersecurity	1
10-151-103	Security+ 1	1	#CYS 450	Ethical Hacking & Penetration Testing	1
10-151-104	Security+ 2	1	#CYS 450	Ethical Hacking & Penetration Testing	1

10-151-105	Security+ 3	1	#CYS 450	Ethical Hacking & Penetration Testing	1
10-151-106	Firewall	1		An elective course	1
10-151-107	Cryptography	1	#CYS 450	Ethical Hacking & Penetration Testing	1
10-151-108	Intrusion Detection Systems	1	#CYS 450	Ethical Hacking & Penetration Testing	1
10-151-109	Monitoring and Logging	1	&CYS 451	Digital Forensics	1
10-151-110	Business Continuity	1	#CYS 450	Ethical Hacking & Penetration Testing	1
10-151-111	Incident Response	1	&CYS 451	Digital Forensics	1
10-151-112	Security Policy	1		An elective course	1
10-151-116	VPN	1		An elective course	1
10-151-114	Secure Design	1	&CYS 451	Digital Forensics	3
10-151-115	Security Capstone	3		An elective course	1
10-152-398	IT Career Skills OR	1	EXP 100	Professional Protocol	1
10-152-399	IT Internship			An elective course	
<b>Total occupational course credits earned:</b>		<b>42</b>		<b>Total occupational course credits accepted:</b>	<b>42</b>
<b>Elective credits allowed:</b>				<b>Elective credits allowed:</b>	
<b>Total credits required for graduation:</b>		<b>61</b>			
<b>Total transferable credits:</b>		<b>61</b>		<b>Total credits accepted at Lakeland University:</b>	<b>61</b>

**NOTE:** Transfer credits noted assume completed Associate's Degree.

&all courses needed to fulfill requirement  
%all courses needed to fulfill requirement  
\*both courses are needed to fulfill requirement  
#all courses are needed to fulfill requirement

***Courses needed to complete degree at Lakeland University:***

Course No.	Course Title	Credits
GEN 112	Composition II: Argumentation and Research	3
GEN3XX	CORE II: The Human Condition	3
GEN4XX	CORE III: Shaping the Future	3
CPS 200	Programming I	3
CPS 212	Programming II	3
CPS 362	Introduction to Data Structures	3
DAT 210	Database Basics	3
DAT 442	Data Management & Warehousing	3
DAT 445	Systems Analysis & Design (Writing Intensive)	3
MAT 250	Discrete Mathematics	3
<b>Cybersecurity Emphasis</b>		
CPS 313 <b>OR</b>	Advanced Programming	3
CPS 314	Programming Languages	
CPS 323	Computer Architecture	3
CRJ 232	Introduction to Criminology	3

Number of electives needed to reach 120 credit minimum	20
<b>Total credits to complete at Lakeland University:</b>	<b>59</b>
<b>Total credits needed to complete degree:</b>	<b>120</b>

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: 1/10/24**