TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS
Northwood Tech Program: Information Technology - Cybersecurity Specialist 2023-2024
Lakeland University Program: Computer Science Cybersecurity 2023-2024
Minimum GPA for admission: 2.0

Review Date: 10/23

General Education Courses

Technical College			Lakeland		
Course No.	**Course Title**	**Credits**	**Course No.**	**Course Title/Field**	**Credits**
10-801-196 **OR** 10-801-198	Oral / Interpersonal Communication --OR-- Speech	3	COM 111	Fundamentals of Public Speaking	3
10-801-136	English Composition 1	3	GEN 110	Composition I: Academic Writing	3
10-809-166 **OR** 10-809-172 **OR** 10-809-195	Introduction to Ethics: Theory and Application --OR-- Introduction to Diversity Studies --OR-- Economics	3	PHI 232 / SOC 210 / ECN 235	Ethics / Majority-Minority Relations / Principles of Macroeconomics	3
10-804-123 **OR** 10-804-113 **OR** 10-804-133	Math with Business Applications --OR-- College Technical Mathematics 1A --OR-- Mathematics and Logic	3	MAT 140	An elective course / Advanced Algebra / An elective course	3
10-809-198	Introduction to Psychology	3	PSY 200	General Psychology	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**
10-150-111	Cisco CCNA 1 Introduction to Networks	3	CPS 325	Networking and Telecommunications	3
10-150-139	IT Essentials and Security	2		An elective course	2
10-154-149	Windows Operating Systems	3	*CPS 420	Operating Systems	3
10-150-113	Cisco CCNA 2 Routing and Switching Essentials	3		An elective course	3
10-150-117	Server Administration 1	3		An elective course	3
10-150-170	Coding with Python	2		An elective course	2
10-154-103	Linux Operating Systems	3	*CPS 420	Operating Systems	3
10-150-102	Information Security	3	CYS 250	Foundations of Cybersecurity	3
10-150-109	Wireless Networking and Security	3		An elective course	3
10-151-101	Firewall and VPN Management	3		An elective course	3
10-150-112	Cisco CCNA 3 Enterprise Networking, Security and Automation	3		An elective course	3
10-151-102	Digital Forensics and Incident Response	2	#CYS 451	Digital Forensics	2
10-151-107	Emerging Technologies in Cybersecurity	3		An elective course	3
10-151-103	Penetration Testing	3	^CYS 450	Ethical Hacking & Penetration Testing	3
10-151-104	Intrusion Detection and Prevention	3	^CYS 450	Ethical Hacking & Penetration Testing	3
10-151-105	Threat Hunting	3	#CYS 451	Digital Forensics	3
10-151-106	Networking Security Capstone	2		An elective course	2
	Total of Occupational/Elective	**47**		**Total of Occupational/Elective**	**47**
	Total transferable credits:	**62**		**Total transferable credits:**	**62**

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

*Both courses needed to fulfill requirement

^Both courses needed to fulfill requirement

#Both courses needed 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
CPS 200	Programming I	3
CPS 212	Programming II	3

CPS 362	Inrroduction 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
Cybersecurity Emphasis:		
CPS 313 **OR** CPS 314	Advanced Programming ---OR-- Programming Languages	3
CPS 323	Computer Architecture	3
CRJ 232	Introduction to Criminology	3
Electives needed to reach the 120 credit minimum:		19
Total credits needed to complete Lakeland University degree:		**58**