



General Education Courses					
Technical College			Lakeland		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-801-196	Oral / Interpersonal Communication --OR--	3	COM 111	Fundamentals of Public Speaking	3
10-801-198	Speech				
10-801-136	English Composition 1	3	GEN 110	Composition I: Academic Writing	3
10-809-166	Introduction to Ethics: Theory and Application --OR--	3	PHI 232	Ethics	3
10-809-172	Introduction to Diversity Studies --OR--		SOC 210	Majority-Minority Relations	
10-809-195	Economics		ECN 235	Principles of Macroeconomics	
10-804-123	Math with Business Applications --OR--	3		An elective course	3
10-804-113	College Technical Mathematics 1A --OR--		MAT 130	Intermediate Algebra	
10-804-133	Mathematics and Logic			An elective course	
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		An elective course	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	Logging and Analysis	3		An elective course	3
10-150-161	Network and Security Case Studies	1		An elective course	1
10-151-106	Networking Security Capstone	2		An elective course	2
Total of Occupational/Elective		48	Total of Occupational/Elective		48
Total transferable credits:		63	Total transferable credits:		63

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

*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	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
Cybersecurity Emphasis:		
CPS 313	Advanced Programming	3
CPS 323	Computer Architecture	3
CRJ 232	Introduction to Criminology	3
CYS 451	Digital Forensics	3
Electives needed to reach the 120 credit minimum:		15
Total credits needed to complete Lakeland University degree:		57