



**TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS**  
**MPTC Program: Information Technology- Cybersecurity Specialist**  
**Lakeland University Program: Computer Science - Cyber Security Emphasis**  
**Minimum GPA for admission: 2.0**  
**Initial effective date: 11/16/2021**

**General Education Courses**

MPTC			Lakeland		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
890-101	College 101	2	GEN103	College Success Seminar	2
801-136	English Composition 1	3	GEN110	Composition I: Academic Writing	3
809-166	Introduction to Ethics: Theory and Application	3	PHI232	Ethics	3
801-197	Technical Reporting	3	WRT335	Technical Writing	3
809-196	Introduction to Sociology	3	SOC100	Introduction to Sociology	3
809-199	Psychology of Human Relation	3		A Social Science course	3
804-107	College Mathematics	3	MAT140	Advanced Algebra	3
<b>Total general education credits earned:</b>		<b>20</b>	<b>Total general education credits accepted:</b>		<b>20</b>
Total transferable general education credits:		20			

**Occupational Courses**

Course No.	Course Title	Credits	Course No.	Course Title	Credits
103-159	Computer Literacy-Microsoft Office	1		An elective course	1
150-107	IT Fundamentals 1	3		An elective course	3
150*108	IT Fundamentals 2	3		An elective course	3
150-191	Principles of Information Security	3	*CYS250	Foundations of Cybersecurity	3
150-192	Network Security Fundamentals	3	CPS280	Special Topics in Computer Science	3
150-110	Cloud Computing	3		An elective course	3
150-193	Network Attacks and Firewalls	3	*CYS250	Foundations of Cybersecurity	3
150-194	Network Defense and Countermeasures	3	^CYS450	Ethical Hacking & Penetration Testing	3
152-172	Web Site Security	3		An elective course	3
150-120	Microsoft Servers	3	CPS420	Operating Systems	3
150-122	Virtualization	3		An elective course	3
151-105	Ethical Hacking	3	^CYS450	Ethical Hacking & Penetration Testing	3
154-128	Scripting	3		An elective course	3
150-115	Emerging Innovations in Technology	3		An elective course	3
150-126	Internet of Things	3		An elective course	3
151-110	IT Cybersecurity Capstone	3		An elective course	3
<b>Total occupational course credits earned:</b>		<b>46</b>	<b>Total occupational course credits accepted:</b>		<b>46</b>
<b>Total transferable credits:</b>		<b>66</b>	<b>Total credits accepted at Lakeland:</b>		<b>66</b>

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

\*Both courses are needed to fulfill requirement  
 ^Both courses are needed to fulfill requirement

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

Course No.	Course Title	Credits
GEN112	Composition II: Research and Argumentation	3
GEN3XX	Core II: Exploring the Human Condition	3
GEN4XX	Core III: Shaping the Future	3
<b>Programming</b>		
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 and Warehousing	3
DAT 445	Systems Analysis & Design (WI)	3
MAT 250	Discrete Mathematics	3
<b>Cybersecurity Emphasis</b>		
CPS 313 OR	Advanced Programming OR	3
CPS 314	Programming Languages	
CPS 323	Computer Architecture	3
CPS 325	Networking & Telecommunications	3
CRJ 232	Introduction to Criminology	3
CYS 451	Digital Forensics	3
Electives needed to reach the 120 credit minimum:		9
Total credits needed to complete Lakeland University degree:		54