



TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS

MSTC Program: IT Computer Support Specialist 1920

Lakeland University Program: Computer Science

Minimum GPA for admission: 2.0

Review Date: 2019-2020

General Education Courses					
MSTC			Lakeland		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10801136	English Composition I	3	GEN 110	Composition I: Academic Writing	3
10801196 10801198	Oral/Interpersonal Communication - OR - Speech	3	COM 111	Fundamentals of Public Speaking	3
10804107 10804118	College Mathematics - OR - Intermediate Algebra with Applications	3	MAT 130	Intermediate Algebra	3
10809166	Intro to Ethics: Theory & Application	3	PHI 232	Ethics	3
10809103	Think Critically & Creatively	3	GEN 130	Core I: Foundations of Critical Thinking	3
10801197	Technical Reporting	3	WRT 335	Technical Writing	3
10809188 10809198	Developmental Psychology - OR - Intro to Psychology	3	PSY 330 PSY 200	Human Growth and Development General Psychology	3
Total general education credits earned:		21	Total general education credits accepted:		21
Course No.	Course Title	Credits	Course No.	Course Title	Credits
10154102	Hardware Essentials	3		An elective course	3
10103106	Microsoft Office-Introduction	3	CPS 100	Introduction to Computers	3
10151105	Linux	3	CPS 420*	Operating Systems	3
10150110	Networking I	3	CPS 325	Networking & Telecommunications	4
10154110	Desktop Management	3		An elective course	3
10150165	Network Server Scripting	3		An elective course	3
10150120	Server Administration - Beginning	3	CPS 420*	Operating Systems	3
10151110	Information Security I	3	CPS 250^	Cybersecurity I	3
10154120	Advanced Desktop Management	3		An elective course	3
10154132	Help Desk Fundamentals	3	CPS 280	Special Topics in Computer Science	3
10154142	Help Desk Advanced	3		An elective course	2
10156101 10150111 10151111	Databest Concepts and Design - OR - Networking II - OR - Information Security 2	3	CPS 210 CPS 250^	Database Concepts An elective course Cybersecurity I	3 3
10154141	Computer Support Internship -OR -		CPS 400	Internship in Computer Science	
10801199	Employment Strategies - OR -	3		An elective course	3
10102130	Career Development			An elective course	
Total transferable credits:		39	Total transferable credits:		60

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

* Both courses are needed to fulfill requirement

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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 Human Condition	3
GEN 4XX	Core III: Shaping the Future	3
Complete at least one emphasis		
Computer Science Emphasis		15
CPS 200	Programming I	3
CPS 210	Database Basics <i>^if not completed above</i>	3
CPS 212	Programming II	3
CPS 362	Introduction to Data Structures	3
CPS 442	Data Management & Warehousing	3
CPS 445	Systems Analysis & Design (WI)	3
MAT 250	Discrete Mathematics	3
CPS 221	COBOL Programming	
CPS 250	Cybersecurity I <i>^if not completed above</i>	
CPS 313	Advanced Programming	
CPS 314	Programming Languages	
CPS 315	Object-Oriented Programming I	
CPS 316	Object-Oriented Programming II	
CPS 318	Computational Modeling and Visualization	
CPS 323	Computer Architecture	
CPS 400	Internship in Computer Science <i>^if not completed above</i>	
CPS 425	Artificial Intelligence	
CPS 426	Game Design and Development	
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	
CPS 400	Internship in Computer Science	
Up to four (4) semester hours from the following non-CPS designated courses:		
MAT 370	Numerical Analysis	
	A foreign language course	
Information Systems Emphasis		15
CPS 314 OR	Programming Languages OR	
CPS 221	COBOL Programming	
CPS 315	Object-Oriented Programming I	
CPS 452	Information Technology Project Management	
CPS 455	Predictive Analysis	
At least three (3) semester hours from the Computer Science Emphasis, not including courses required for the Information Systems Emphasis.		
Software Design Emphasis		15
CPS 313 OR	Advanced Programming OR	
CPS 221	COBOL Programming	
CPS 314	Programming Languages	
CPS 315	Object-Oriented Programming I	
CPS 316	Object-Oriented Programming II	
CPS 435	Mobile Application Development	
General Electives (regardless of emphasis selected)		15
Total credits needed at Lakeland University to complete degree:		60