



**TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS**

**Program: Software Developer**

**Lakeland University Program: Computer Science**

**Minimum GPA for admission: 2.0**

**Review Date: 3/4/2021**

General Education Courses					
Fox Valley Technical College			Lakeland		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-801-195	Written Communication	3	GEN110	Composition I	3
10-809-199	Psychology of Human Relations	3		A Social Science course	3
10-801-196	Oral / Interpersonal Communication	3	COM111	Fundamentals of Public Speaking	3
10-809-166	Intro to Ethics; Theory and App	3	PHI232	Ethics/Philosophy & Religion	3
10-804-133	Math & Logic	3		An elective course	3
<b>Total general education credits earned:</b>		<b>15</b>	<b>Total general education credits accepted:</b>		<b>15</b>

Occupational Courses					
Course No.	Course Title	Credits	Course No.	Course Title	Credits
10-152-111	C# Introduction to Programming	3	CPS280	Special Topics in Computer Science	3
10-152-168	Data Access for Programmers	3	CPS210	Database Basics	3
10-152-101	HTML 5	3		An elective course	3
10-890-100	College Success: On Course	1	GEN 103	College Success Seminar	1
10-152-133	JavaScript/jQuery	3		An elective course	3
10-107-110	IT Career Experience	2	EXP 100	Professional Protocol	2
10-107-158	Systems Analysis	3	CPS445	Systems Analysis and Design (Writing Intensive)	3
10-152-114	Computer Programming C++	3	CPS212	Programming II	3
10-152-116	C# Intermediate Programming	3		An elective course	3
10-152-121	PHP	3	CPS280	Special Topics in Computer Science	3
10-152-170	Data Administration Techniques	3		An elective course	3
10-152-108	Advanced Software Development	3		An elective course	3
10-152-125	ASP.net	3	CPS280	Special Topics in Computer Science	3
10-152-180	Introduction to Mobile Development	3	CPS435	Mobile Application Development	3
10-152-126	Agile Development	3		An elective course	3
10-152-182	Android Programming	3		An elective course	3
	an elective class				
<b>Elective credits allowed:</b>			<b>Total of Occupational/Elective</b>		<b>45</b>
<b>Total of Occupational/Elective</b>		<b>45</b>	<b>Total of Occupational/Elective</b>		<b>45</b>
<b>Total transferable credits:</b>		<b>60</b>	<b>Total transferable credits:</b>		<b>60</b>

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

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

Course No.	Course Title	Credits
GEN112	Composition II	3
GEN3XX	CORE II	3
GEN4XX	CORE III	3
CPS362	Introduction to Data Structures	3
CPS442	Data Management & Warehousing	3
MAT250	Discrete Mathematics	3
<b>One emphasis from the following:</b>		
	<b>Computer Science</b>	12
	<b>Information Systems</b>	12
	<b>Software Design</b>	12
Number of electives needed to reach 120 semester hour minimum:		30
<b>Total credits needed at Lakeland University to complete degree:</b>		<b>60</b>