

**Associate of Applied Science
in Computer Information Systems
Option: Applied Programming
Catalog 2010-2011**

Student Name: _____

Student ID: _____

				Taken at PTC	Complete	Incomplete
General Education Courses - 15 Credit Hours						
	ENGL	1311	English Composition I			
	ENGL	1312	English Composition II			
	MATH	1302	College Algebra			
	SPCH	1300	Speech Communication			
			Social Science Elective			
Required CIS Course - 3 Credit Hours						
	CIS	1113	Problem Solving			
CIS Core Courses – 15-16 Credit Hours (Choose five of the following classes)						
	CIS	1143	Programming I			
	CIS	1403	Microcomputer Applications I			
	CIS	1413	Introduction to Databases			
	CIS	1823	Customer Service Support			
	CIS	1233	Fundamentals of Information Security			
	CIS	1254	IT Essentials I			
	CIS	2303	Introduction to Networking			
	CIS	2523	Introduction to Web Page Design			
Applied Programming Requirements - 12 Credit Hours						
	CIS	1504	Programming II			
	CIS	2624	Programming III			
	CIS	1424	Introduction to SQL			
Applied Programming Requirements – 3 Credit Hours (Choose one of the following classes)						
	CIS	2613	Java			
	CIS	1173	Programming for the Web			
Applied Programming Electives – 13 Credit Hours (Choose four-five of the following classes)						
	CIS	2533	Website Administration and Security			
	CIS	2554	Web and Graphic Design			
	CIS	2513	Introduction to Computer Science I			
	CIS	1334	Ethical Hacking I			
	CIS	2153	Game Design I			
	CIS	2163	Game Design II			
	CIS	2563	Scripting Languages			
	CIS	2113	CIS Internship			
	CIS		Free Elective			