

Advanced Certificate in Computer Information Systems Catalog 2011-2012

Student Name: _____

Student ID: _____

An Advanced Certificate in Computer Information Systems can be obtained by candidates who hold a Bachelor of Science, Associate of Science, Associate of Applied Science or industry certification. This certificate requires six credit hours of the CIS Core Elective courses and 18 to 24 credit hours of the CIS Advanced Elective courses.

				Taken at PTC	Complete	Incomplete
BUS/CIS Courses – 6-7 Credit Hours						
	CIS	1113	Problem Solving			
	CIS	1123	Internet Foundations			
	CIS	1143	Programming I			
	CIS	1233	Fundamentals of Information Security			
	CIS	1403	Microcomputer Applications I			
	CIS	1413	Introduction to Databases			
	CIS	1814	Local Area Networks – CCNA 1			
	CIS	1843	Introduction to Computer Graphics			
	CIS	2303	Introduction to Networking			
	CIS	2523	Introduction to Web Page Design			
Advanced CIS Electives – 18-24 Credit Hours						
	CIS	1133	Internet Technologies			
	CIS	1154	Data Cabling			
	CIS	1254	IT Essentials I			
	CIS	1264	IT Essentials II			
	CIS	1334	Ethical Hacking I			
	CIS	1344	Network Defense			
	CIS	1424	Introduction to SQL			
	CIS	1504	Programming II			
	CIS	1513	Microcomputer Applications II			
	CIS	1523	Internet Applications			
	CIS	1613	The Business of the Internet			
	CIS	1623	Internet Research Tools			
	CIS	1173	Programming for the Web			
	CIS	1823	Computer Service and Support			
	CIS	1824	Network Routing – CCNA 2			
	CIS	1833	LAN Switching – CCNA 3			
	CIS	1853	WAN Technologies – CCNA 4			
	CIS	1923	Help Desk Applications			
	CIS	1924	Microsoft Network Client Administration			
	CIS	2023	Microsoft Network Client Administration Certification Preparation			
	CIS	2033	Microsoft Server Administration Certification Preparation			

CIS	2043	A+ Certification Preparation			
CIS	2053	Network + Certification Preparation			
CIS	2063	Linux + Certification Preparation			
CIS	2073	Cisco Certified Network Associate Certification Preparation			
CIS	2083	Certified Internet Webmaster (CIW) Preparation			
CIS	2113	CIS Internship			
CIS	2123	Special Topics			
CIS	2133	IP Telephony			
CIS	2134	Computer Forensics I			
CIS	2144	Computer Forensics II			
CIS	2153	Game Design I			
CIS	2163	Game Design II			
CIS	2223	Advanced Computer Graphics			
CIS	2334	Microsoft Network Infrastructure			
CIS	2374	Microsoft Active Directory Services			
CIS	2513	Introduction to Computer Science I			
CIS	2533	Web Site Administration and Security			
CIS	2544	Advanced Web Design and Languages			
CIS	2554	Web and Graphic Design			
CIS	2563	Scripting Languages			
CIS	2613	Java			
CIS	2624	Programming III			
CIS	2633	Introduction to Computer Science II			
CIS	2653	Computer Organization and Assembly Language			
CIS	2733	Data Structures			
CIS	2854	Cisco Network Security I			
CIS	2864	Cisco Network Security II			
CIS	2903	Linux Desktop			
CIS	2913	Linux Server			