

**COMPUTER INFORMATION TECHNOLOGY --
CONVERGENCE TECHNOLOGY TECHNICIAN CERTIFICATE**

Effective 6/1/09

This certificate builds on basic skills obtained in the Convergence Technology Intern certificate including basic switching and routing concepts, hardware and operating systems, wireless LANS, voice over IP (VoIP), or digital home technology integration. More advanced networking concepts are developed with client and server operating systems and security.

Prerequisite: Basic understanding of computer terminology, problem solving, and logic structures used with computers as obtained in ITSC 1401 or BCIS 1405 or COSC 1401 and ITSE 1429 or equivalent experience approved by designated Information Technology personnel.

<u>SEMESTER I</u>			<u>CR.</u>	<u>HRS.</u>
CPMT	1305	IT Essentials 1: PC Hardware and Software	OR	3
CPMT	1405	IT Essentials I: PC Hardware and Software	OR	(4)
ITSC	1405	Introduction to PC Operating Systems	AND	(4)
ITSC	1425	Personal Computer Hardware		(4)
ITCC	1401	Exploration – Network Fundamentals (TP)		4
ITCC	1404	Cisco Exploration 2 – Routing Protocols and Concepts		<u>4</u>
Total Hours:				11-16

<u>SEMESTER II</u>				
EECT	1407	Convergence Technologies		4
CPMT	2302	Home Technology Integration	OR	3
ITCC	1308	Introduction to Voice over Internet Protocol (VoIP)	OR	(3)
EECT	2337	Wireless Telephony Systems		(3)
ITCC	2408	Cisco Exploration 3 – LAN Switching and Wireless		4
ITCC	2410	Cisco Exploration 4 – Accessing the WAN		<u>4</u>
Total Hours:				15

<u>SEMESTER III</u>				
ITSY	1442	Information Technology Security		4
ITMT	1400	Implementing and Supporting Microsoft Windows XP Professional	OR	4
ITMT	1470	Windows Vista Client Configuration	OR	(4)
ITNW	1408	Implementing and Supporting Client Operating Systems		(4)
ITMT	1440	Managing and Maintaining a Microsoft Windows Server 2003 Environment*	OR	4
ITMT	1471	Windows Server 2008*		(4)
SPCH	1311	Introduction to Speech Communication	OR	3
SPCH	1315	Fundamentals of Public Speaking		(3)
ENGL	1301	Composition I		<u>3</u>
Total Hours:				18

GRAND TOTAL: ====
44-49