

CERTIFICATE OF ACHIEVEMENT

Upon successful completion of this certificate program, students will have the skills necessary to investigate computer crime. It includes instruction in PC troubleshooting and repair, Microsoft operating systems and Cisco networking as well as specialized training in computer forensics, and digital crime investigation.

STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:

- Demonstrate the process of acquiring and handling digital evidence including: the details of computer hard drive configuration and methods of hiding data; encryption methods and implementation methods for deciphering encrypted data; analysis of network traffic and the ability to differentiate between normal and malicious activity; the use of hardware and software tools used in computer and network forensics.
- Demonstrate how to set up investigator’s office and laboratory.
- Demonstrate how digital evidence is used in courtroom as well as the requirements for becoming an expert witness.

GENERAL EDUCATION REQUIREMENTS (3 Credits):

	CR	SEMESTER
COMMUNICATIONS:	3	_____
COM 115		

SPECIAL PROGRAM REQUIREMENTS (27 Credits):

	CR	SEMESTER
CF 117B Computer Forensics	3	_____
CF 118B Internet Forensics	3	_____
CF 124B Digital Crime Investigation	3	_____
CF 217B Advanced Computer Forensics	3	_____
CIT 110 A+ Hardware	3	_____
CIT 211 MCITP/MCTS Windows Workstation OS	3	_____
CIT 212 MCITP/MCTS Windows Server OS	3	_____
CSCO 120 CCNA Internetworking Fundamentals	4	_____
IS 100B Core Computing Competency	0-3	_____
or IS 101 Introduction to Information Systems		

Continued in next column.

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	CR	SEMESTER
Plus 0-2 elective credits from the following:		
CF 119B Introduction to Electronic Crime for Law Enforcement	3	_____
CIT 118B Network Security Management	3	_____
CIT 173 Introduction to Linux	3	_____
CIT 174 Linux System Administration	3	_____
CIT 213 MCITP/MCTS Network Infrastructure	3	_____
CIT 217 Security+	3	_____
CIT 290 Internship in CIT I	1-3	_____
CIT 291 Internship in CIT II	1-3	_____
CRJ 104 Introduction to Administration of Justice	3	_____
CRJ 164 Introduction to Criminal Investigation	3	_____
CSCO 121 CCNA Routing Protocols and Concepts	4	_____
CSCO 220 CCNA LAN Switching and Wireless Fundamentals	4	_____
CSCO 221 CCNA WAN Fundamentals	4	_____
CSCO 230B Fundamentals of Network Security	4	_____

Computation included in CF 118B

Human Relations included in CF 124B

NOTE: Courses with a B suffix (example - XYZ 123B) may be non-transferable for a NSHE baccalaureate degree.

CITECI-CT

30
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

**Guided Pathway
Certificate of Achievement
CIT Electronic Crime Investigation
Total Credits – 30 credits
2014-2015 Catalog**

First Semester	Requirement	Credit Hours	Term
A+ Hardware	CIT 110	3	
Communications	COM 115	3	
Intro. to Info. Systems	IS 101 Or IS 100	0	
Computer Forensics	CF 117	3	
MCITP/MCTS Windows Workstation OS	CIT 211	3	
CCNA Internetworking Fundamentals	CSCO 120	4	
	TOTAL	16	
Second Semester	Requirement	Credit Hours	Term
Internet Forensics	CF 118	3	
Digital Crime Investigation	CF 124	3	
Adv. Computer Forensics	CF 217	3	
MCITP/MCTS Windows Server OS	CIT 212	3	
Program Elective	See Degree Sheet	2	
	TOTAL	14	
	Degree TOTAL	30	

** Summer Sessions can be used to lower semester loads – see your counselor.