

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

The Associate of Applied Science in Electronic Engineering Technology – Electronic Crime Investigation is a program of study that provides students with 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, network forensic, and digital crime investigators.

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 (23 Credits):

	CR	SEMESTER
COMMUNICATIONS: COM 115	3	_____
ENGLISH: ENG 107	3	_____
HUMAN RELATIONS: ALS 101, ANTH 101, 112, 201, 205 HIST 105,106, 150, 151, 210, 247, 260 HMS 130, 135B, 265B, MGT 100B, 283, PHIL 135, PSC 201, PSY 101, 102, 207, 208, 261, SOC	3	_____
MATHEMATICS: MATH 116	3	_____
SCIENCE: EGG 131	4	_____
FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: AM, ANTH, ART, COM, ECON, ENG 223 or above, GEOG 106 or above, HIST, International languages, Music, PHIL, PSC, PSY, SOC, THTR, WMST 113	3	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

SPECIAL PROGRAM REQUIREMENTS (37 Credits):

	CR	SEMESTER
CF 117B Computer Forensics	3	_____
CF 118B Internet Forensics	3	_____
CF 119B Introduction to Electronic Crime for Law Enforcement	3	_____
CF 124B Digital Crime Investigation	3	_____
CF 217B Advanced Computer Forensics	3	_____

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	CR	SEMESTER
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 or IS 101 Core Computing Competency Introduction to Information Systems	0-3	_____

Plus 6-9 credits from the following:

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	_____

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

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60
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
Associate of Applied Science Degree
CIT Electronic Crime Investigation
Total Credits – 61 credits
2014-2015 Catalog

First Semester	Requirement	Credit Hours	Term
English Composition	ENG 107	3	
Communications	COM115	3	
Intro. To Info. Systems	IS 101 Or IS 100	0	
Human Relations	See Degree Sheet or Counselor	3	
Mathematics	Math 116	3	
CCNA Internetworking Fundamentals	CSCO 120	4	
	TOTAL	16	
Second Semester	Requirement	Credit Hours	Term
A+ Hardware	CIT 110	3	
U.S. & NV Constitutions	PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4	
MCITP/MCTS Windows Workstation OS	CIT 211	3	
Technical Physics	EGG 131	4	
	TOTAL	14	
Third Semester	Requirement	Credit Hours	Term
MCITP/MCTS Windows Server OS	CIT 212	3	
Computer Forensics	CF 117	3	
Internet Forensics	CF 118	3	
Program Elective	See Degree Sheet	3	
Program Elective	See Degree Sheet	3	
	TOTAL	15	
Fourth Semester	Requirement	Credit Hours	Term
Intro to Elect. Crime for Law Enforcement	CF 119	3	
Digital Crime Investigation	CF 124	3	
Adv. Computer Forensics	CF 217	3	
Program Elective	See Degree Sheet	1	
Fine Arts/ Hum/Soc. Sci.	See Degree Sheet or Counselor	3	
Project Management	CIT 263	3	
	TOTAL	16	
	Degree TOTAL	61	

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