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 (26 Credits):

<table>
<thead>
<tr>
<th>CR</th>
<th>SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**COMMUNICATIONS:**

ENG 107

**ENGLISH:**

ENG 101

**HUMAN RELATIONS:**

ALS 101, ANTH 101, 112, 201, 205
HIST 105, 106, 150, 151, 210, 247, 260
HMS 130, 135, 265, MGT 100B, 283, PHIL 135,
PSC 201, PSY 101, 102, 207, 208, 261, SOC

**MATHEMATICS:**

MATH 116

**SCIENCE:**

7-8

EGG 131

**Plus 3 or 4 credits from science requirements:**

EGG 132, AST, BIOL, CHEM, ENV, GEOG 103
104, 117, GEOL, PHYS, HHP 123B, 124B

**FINE ARTS/HUMANITIES/SOCIAL SCIENCES:**

3

AM, ANTH, ART, COM, ECON,
ENG 223 or above, GEOG 106 or above,
HIST, International languages, Music, PHIL,
PSC, PSY, SOC, THTR, WMST 113

**U.S. AND NEVADA CONSTITUTIONS:**

4-6

PSC 101 or
HIST 101 and HIST 102 or
HIST 101 and HIST 217

### SPECIAL PROGRAM REQUIREMENTS (35 Credits):

<table>
<thead>
<tr>
<th>CR</th>
<th>SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**CF 117B**  Computer Forensics

**CF 118B**  Internet Forensics

**CF 119B**  Introduction to Electronic Crime for Law Enforcement

**CF 124B**  Digital Crime Investigation

**CF 217B**  Advanced Computer Forensics

**CIT 110**  A+ Hardware

**CIT 211**  MCITP/MCTS Windows Workstation OS

**CIT 212**  MCITP/MCTS Windows Server OS

**CISCO 120**  CCNA Internetworking Fundamentals

**Plus 7 credits from the following:**

**CIT 118B**  Network Security Management

**CIT 173**  Introduction to Linux

**CIT 213**  MCITP/MCTS Network Infrastructure

**CRJ 104**  Introduction to Administration of Justice

**CRJ 164**  Introduction to Criminal Investigation

**CISCO 121**  CCNA Routing Protocols and Concepts

**CISCO 220**  CCNA LAN Switching and Wireless Fundamentals

**CISCO 221**  CCNA WAN Fundamentals

**Total Credits:** 61

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.