

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

This degree provides students with the necessary education and skills required by today’s Network Security specialists. Instruction includes courses on server/client centric security issues as well as router/switch centric security issues. It provides students with a wide array of training in various functional areas related to network security. Completion of this course of study prepares students for successful completion of a number of industry certification exams; such as CompTia Security+, Cisco CCNA: Security, and others.

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

- Demonstrate computer hardware/software knowledge and skills.
- Be able to develop basic organization security policies.
- Demonstrate use of networking tools and devices as applies to detecting and mitigating security attacks.
- Demonstrate network security management skills.
- Demonstrate basic project management skills.

GENERAL EDUCATION REQUIREMENTS (27 Credits):

	CR	SEMESTER
COMMUNICATIONS: COM 101, 102, ENG 107	3	_____
ENGLISH: ENG 100, 101, 113	3-5	_____
HUMAN RELATIONS: ALS 101, ANTH 101, 112, 201, 205, HIST 105, 106, 107, 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 104B or above (except MATH 122, 123)	3	_____
SCIENCE: EGG 131, 132	8	_____
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 (33 Credits):

	CR	SEMESTER
CF 118B Internet Forensics	3	_____
CIT 173 Introduction to Linux	3	_____
CIT 174 Linux System Administration	3	_____
CIT 217 Security+	3	_____
CIT 218 Microsoft Special Topics	3	_____
CIT 263B Project Management	3	_____

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	CR	SEMESTER
CSCO 120 CCNA Internetworking Fundamentals	4	_____
CSCO 121 CCNA Routing Protocols and Concepts	4	_____
CSCO 230B Fundamentals of Network Security	4	_____
Plus 3 credits from the following:		
CF 117B Computer Forensics	3	_____
CIT 110 A+ Hardware	3	_____
CIT 111 A+ Software	3	_____
CIT 112B Network+	3	_____
CIT 175 Advanced Linux System Administration	3	_____
CIT 211 MCITP/MCTS Windows Workstation OS	3	_____
CIT 212 MCITP/MCTS Windows Server OS	3	_____
CIT 213 MCITP/MCTS Network Infrastructure	3	_____
CIT 215 MCITP Active Directory	3	_____
CIT 290 Internship in CIT I	1-6	_____
CSCO 105B Fundamentals of Voice and Data Cabling	3	_____
CSCO 205B Fiber Optic Cabling	3	_____
CSCO 220 CCNA LAN Switching and Wireless Fundamentals	4	_____
CSCO 221 CCNA WAN Fundamentals	4	_____
ET 108B Telecommunications and the Information Age	3	_____

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.