

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

This program course of study provides students with the necessary education and skills required by today's computer networking industry. Instruction includes courses on client/server centric LAN networking, router/switch centric internetworking, as well as operation and administration of high-end web server environments. It provides students with a wide array of training in various functional areas related to computer networking. Completion of this program prepares students for successful completion of a number of industry certification exams, such as CompTia A+/N+, Cisco CCNA, Microsoft MCITP and others. Instruction takes place in a hands-on state-of-the-art lab environment. A Certificate of Completion will be issued by the CET Department for each EET Internetworking concentration completed by the student.

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

- Demonstrate computer hardware/software knowledge and skills.
- Demonstrate basic computer networking knowledge and skills.
- Client/Server concentration students demonstrate intermediate knowledge of MS LAN networking technology.
- Router/Switch concentration students demonstrate intermediate knowledge of internetworking technology.
- Linux concentration students demonstrate intermediate knowledge of Linux System Administration.

GENERAL EDUCATION REQUIREMENTS (27 Credits):

	CR	SEMESTER
COMMUNICATIONS: COM 101, 102	3-5	_____
ENGLISH: ENG 100, 101, 107, 113	3-5	_____
HUMAN RELATIONS: ALS 101, ANTH 101, 112, 201, 205, HIST 105, 106, 107, 150, 151, 180, 210, 247, 260, HMS 130, 135B, 265B, MGT 100B, 283, PHIL 135, PSC 201, PSY 101, 102, 207, 208, 261, SOC 201	3	_____
MATHEMATICS: MATH 111B, 116 or above (except MATH 122, 123)	3	_____
SCIENCE: EGG 131 and 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 (36 Credits):

	CR	SEMESTER
CIT 110 A+ Hardware OR CSCO 109B PC Troubleshooting and Repair	3	_____
CIT 111 A+ Software	3	_____
CIT 263B Introduction to IT Project Management	3	_____
CSCO 105B Fundamentals of Voice and Data Cabling	3	_____
IS 101 Introduction s to Information System	3	_____

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	CR	SEMESTER
FOR CLIENT/SERVER:		
CIT 112B Network+	3	_____
CIT 211 Microsoft Networking I	3	_____
CIT 212 Microsoft Networking II	3	_____
CIT 213 Microsoft Networking III	3	_____
CIT 215 Microsoft Networking V	3	_____
CIT 217 Security	3	_____
<i>Plus 6 Credits from Program Electives below.</i>	6	_____
FOR ROUTER/SWITCH:		
CSCO 120 CCNA Internetworking Fundamentals	4	_____
CSCO 121 CCNA Routing Protocols and Concepts	4	_____
CSCO 220 CCNA LAN Switching and Wireless Fundamentals	4	_____
CSCO 221 CCNA WAN Fundamentals	4	_____
<i>Plus 6 Credits from Program Electives below.</i>	6	_____
FOR LINUX:		
CIT 112B Network+	3	_____
CIT 173 Introduction to Linux	3	_____
CIT 174 Linux System Administration	3	_____
CIT 175 Advanced Linux System Administration	3	_____
CIT 217 Security+	3	_____
<i>Plus 6 Credits from Program Electives below.</i>	6	_____

Program Electives - Choose 6 Credits:

CIT 112B Network+	3	_____
CIT 214 Microsoft Networking IV	3	_____
CIT 290 Internship in CIT	1-6	_____
CSCO 230B Fundamentals of Network Security	4	_____
CSCO 280 CCNP I	4	_____
CSCO 281 CCNP II	4	_____
ET 108B Telecommunications and the Information Age	3	_____
ET 115B Network Security Management	3	_____
ET 117B Computer Forensics	3	_____
ET 118B Internet Forensics	3	_____
ET 287B Introduction to Fiber Optics	4	_____

63
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.